

FACILITY PERMIT TO OPERATE

**ULTRAMAR INC (NSR USE ONLY)
2402 E ANAHEIM ST
WILMINGTON, CA 90744**

NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR A COPY THEREOF MUST BE KEPT AT THE LOCATION FOR WHICH IT IS ISSUED.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT SHALL NOT BE CONSTRUED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF ANY OTHER FEDERAL, STATE OR LOCAL GOVERNMENTAL AGENCIES.

Barry R. Wallerstein, D. Env.
EXECUTIVE OFFICER

By _____
Mohsen Nazemi, P.E.
Deputy Executive Officer
Engineering & Compliance

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION A: FACILITY INFORMATION

LEGAL OWNER &/OR OPERATOR: ULTRAMAR INC (NSR USE ONLY)

LEGAL OPERATOR (if different than owner):

EQUIPMENT LOCATION: 2402 E ANAHEIM ST
WILMINGTON, CA 90744

MAILING ADDRESS: 2402 E ANAHEIM ST
WILMINGTON, CA 90744

RESPONSIBLE OFFICIAL: DAVID SANDERS

TITLE: VICE PRESIDENT AND GENERAL MANAGER

TELEPHONE NUMBER: (562) 491-6639

CONTACT PERSON: WESLEY WAIDA

TITLE: ENVIRONMENTAL MANAGER

TELEPHONE NUMBER: (562) 491-6890

TITLE V PERMIT ISSUED:

TITLE V PERMIT EXPIRATION DATE:

| TITLE V | RECLAIM |
|---------|---|
| YES | NOx: YES SOx: YES CYCLE: 1 ZONE: COASTAL |

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

The annual allocation of NO_x RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. Total NO_x emission shall not exceed such annual allocations unless the operator obtains RTCs corresponding to the facility's increased emissions in compliance with Rules 2005 and 2007.

The level of Starting Allocation plus Non-Tradable Credits used to determine compliance with Rule 2005(c)(4) and applicability of Rule 2005(e) - Trading Zone Restrictions is listed on the last page of this Section.

The following table lists the annual allocations that were issued to this facility and the amounts of RTCs held by this facility on the day of printing this Section.

RECLAIM POLLUTANT ANNUAL ALLOCATION (POUNDS)

| Year | | Zone | NO _x RTC Initially Allocated | NO _x RTC ¹ Holding as of 07/01/08 (pounds) | Non-Tradable ² Non-Usable RTCs (pounds) |
|-----------------------|---------|---------|---|---|---|
| Begin (month/year) | End | | | | |
| 7/2005 | 6 /2006 | Coastal | 0 | 0 | 0 |
| 1/2006 | 12/2006 | Coastal | 485108 | 4890 | 0 |
| 7/2005 | 6 /2006 | Inland | 0 | 0 | 0 |
| 7/2006 | 6 /2007 | Coastal | 0 | 0 | 0 |
| 1/2007 | 12/2007 | Coastal | 489201 | 3131 | 0 |
| 7/2007 | 6 /2008 | Coastal | 0 | 42944 | 0 |
| 1/2008 | 12/2008 | Coastal | 472716 | 446206 | 12763 |
| 7/2007 | 6 /2008 | Inland | 0 | 57854 | 0 |
| 7/2008 | 6 /2009 | Coastal | 0 | 143723 | 0 |
| 1/2009 | 12/2009 | Coastal | 472716 | 381698 | 25527 |
| 7/2008 | 6 /2009 | Inland | 0 | 1798 | 0 |
| 1/2009 | 12/2009 | Inland | 0 | 4000 | 0 |
| 7/2009 | 6 /2010 | Coastal | 0 | 45397 | 0 |
| 1/2010 | 12/2010 | Coastal | 472716 | 456517 | 38290 |
| 7/2009 | 6 /2010 | Inland | 0 | 1741 | 0 |
| 1/2010 | 12/2010 | Inland | 0 | 40000 | 0 |
| 7/2010 | 6 /2011 | Coastal | 0 | 47666 | 0 |

Footnotes:

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010(b). The most recent total RTC information can be obtained from the District's RTC Listing.
2. The use of such credits is subject to restrictions set forth in paragraph (f)(1) of Rule 2002.

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

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RECLAIM POLLUTANT ANNUAL ALLOCATION (POUNDS)

| Year | | Zone | NO _x RTC Initially Allocated | NO _x RTC ¹ Holding as of 07/01/08 (pounds) | Non-Tradable ² Non-Usable RTCs (pounds) |
|-----------------------|---------|---------|---|---|---|
| Begin (month/year) | End | | | | |
| 1/2011 | 12/2011 | Coastal | 472716 | 409945 | 51053 |
| 7/2010 | 6 /2011 | Inland | 0 | 1684 | 0 |
| 1/2011 | 12/2011 | Inland | 0 | 88000 | 0 |
| 7/2011 | 6 /2012 | Coastal | 0 | 48219 | 0 |
| 1/2012 | 12/2012 | Coastal | 472716 | 409945 | 51053 |
| 7/2011 | 6 /2012 | Inland | 0 | 1628 | 0 |
| 1/2012 | 12/2012 | Inland | 0 | 88000 | 0 |
| 7/2012 | 6 /2013 | Coastal | 0 | 48219 | 0 |
| 1/2013 | 12/2013 | Coastal | 472716 | 409945 | 51053 |
| 7/2012 | 6 /2013 | Inland | 0 | 1628 | 0 |
| 1/2013 | 12/2013 | Inland | 0 | 88000 | 0 |
| 7/2013 | 6 /2014 | Coastal | 0 | 48219 | 0 |
| 1/2014 | 12/2014 | Coastal | 472716 | 409945 | 51053 |
| 7/2013 | 6 /2014 | Inland | 0 | 1628 | 0 |
| 1/2014 | 12/2014 | Inland | 0 | 88000 | 0 |
| 7/2014 | 6 /2015 | Coastal | 0 | 48219 | 0 |
| 1/2015 | 12/2015 | Coastal | 472716 | 409945 | 51053 |

Footnotes:

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010(b). The most recent total RTC information can be obtained from the District's RTC Listing.
2. The use of such credits is subject to restrictions set forth in paragraph (f)(1) of Rule 2002.

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SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

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The level of Starting Allocation plus Non-Tradable Credits used to determine compliance with Rule 2005(c)(4) and applicability of Rule 2005(e) - Trading Zone Restrictions is listed on the last page of this Section.

The following table lists the annual allocations that were issued to this facility and the amounts of RTCs held by this facility on the day of printing this Section.

RECLAIM POLLUTANT ANNUAL ALLOCATION (POUNDS)

| Year | | Zone | NO _x RTC Initially Allocated | NO _x RTC ¹ Holding as of 07/01/08 (pounds) | Non-Tradable ² Non-Usable RTCs (pounds) |
|-----------------------|---------|---------|---|---|---|
| Begin (month/year) | End | | | | |
| 7/2014 | 6 /2015 | Inland | 0 | 1628 | 0 |
| 1/2015 | 12/2015 | Inland | 0 | 88000 | 0 |
| 7/2015 | 6 /2016 | Coastal | 0 | 48219 | 0 |
| 1/2016 | 12/2016 | Coastal | 472716 | 409945 | 51053 |
| 7/2015 | 6 /2016 | Inland | 0 | 1628 | 0 |
| 1/2016 | 12/2016 | Inland | 0 | 88000 | 0 |
| 7/2016 | 6 /2017 | Coastal | 0 | 48219 | 0 |
| 1/2017 | 12/2017 | Coastal | 472716 | 409945 | 51053 |
| 7/2016 | 6 /2017 | Inland | 0 | 1628 | 0 |
| 1/2017 | 12/2017 | Inland | 0 | 88000 | 0 |
| 7/2017 | 6 /2018 | Coastal | 0 | 48219 | 0 |
| 1/2018 | 12/2018 | Coastal | 472716 | 409945 | 51053 |
| 7/2017 | 6 /2018 | Inland | 0 | 1628 | 0 |
| 1/2018 | 12/2018 | Inland | 0 | 88000 | 0 |
| 7/2018 | 6 /2019 | Coastal | 0 | 48219 | 0 |
| 1/2019 | 12/2019 | Coastal | 472716 | 409945 | 51053 |
| 7/2018 | 6 /2019 | Inland | 0 | 1628 | 0 |

Footnotes:

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010(b). The most recent total RTC information can be obtained from the District's RTC Listing.
2. The use of such credits is subject to restrictions set forth in paragraph (f)(1) of Rule 2002.

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SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

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The level of Starting Allocation plus Non-Tradable Credits used to determine compliance with Rule 2005(c)(4) and applicability of Rule 2005(e) - Trading Zone Restrictions is listed on the last page of this Section.

The following table lists the annual allocations that were issued to this facility and the amounts of RTCs held by this facility on the day of printing this Section.

RECLAIM POLLUTANT ANNUAL ALLOCATION (POUNDS)

| Year | | Zone | NO _x RTC Initially Allocated | NO _x RTC ¹ Holding as of 07/01/08 (pounds) | Non-Tradable ² Non-Usable RTCs (pounds) |
|-----------------------|---------|---------|---|---|---|
| Begin (month/year) | End | | | | |
| 1/2019 | 12/2019 | Inland | 0 | 88000 | 0 |
| 7/2019 | 6 /2020 | Coastal | 0 | 48219 | 0 |
| 1/2020 | 12/2020 | Coastal | 472716 | 409945 | 51053 |
| 7/2019 | 6 /2020 | Inland | 0 | 1628 | 0 |
| 1/2020 | 12/2020 | Inland | 0 | 88000 | 0 |
| 7/2020 | 6 /2021 | Coastal | 0 | 48219 | 0 |
| 1/2021 | 12/2021 | Coastal | 472716 | 409945 | 51053 |
| 7/2020 | 6 /2021 | Inland | 0 | 1628 | 0 |
| 1/2021 | 12/2021 | Inland | 0 | 88000 | 0 |
| 7/2021 | 6 /2022 | Coastal | 0 | 48219 | 0 |
| 1/2022 | 12/2022 | Coastal | 472716 | 409945 | 51053 |
| 7/2021 | 6 /2022 | Inland | 0 | 1628 | 0 |
| 1/2022 | 12/2022 | Inland | 0 | 88000 | 0 |
| 7/2022 | 6 /2023 | Coastal | 0 | 48219 | 0 |
| 1/2023 | 12/2023 | Coastal | 472716 | 409945 | 51053 |
| 7/2022 | 6 /2023 | Inland | 0 | 1628 | 0 |
| 1/2023 | 12/2023 | Inland | 0 | 88000 | 0 |

Footnotes:

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010(b). The most recent total RTC information can be obtained from the District's RTC Listing.
2. The use of such credits is subject to restrictions set forth in paragraph (f)(1) of Rule 2002.

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SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

The annual allocation of NOx RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. Total NOx emission shall not exceed such annual allocations unless the operator obtains RTCs corresponding to the facility's increased emissions in compliance with Rules 2005 and 2007.

The level of Starting Allocation plus Non-Tradable Credits used to determine compliance with Rule 2005(c)(4) and applicability of Rule 2005(e) - Trading Zone Restrictions is listed on the last page of this Section.

The following table lists the annual allocations that were issued to this facility and the amounts of RTCs held by this facility on the day of printing this Section.

RECLAIM POLLUTANT ANNUAL ALLOCATION (POUNDS)

| Year | | Zone | NOx RTC Initially Allocated | NOx RTC ¹ Holding as of 07/01/08 (pounds) | Non-Tradable ² Non-Usable RTCs (pounds) |
|-----------------------|-----|------|-----------------------------------|---|---|
| Begin (month/year) | End | | | | |

Footnotes:

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010(b). The most recent total RTC information can be obtained from the District's RTC Listing.
2. The use of such credits is subject to restrictions set forth in paragraph (f)(1) of Rule 2002.

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

The annual allocation of SO_x RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. Total SO_x emission shall not exceed such annual allocations unless the operator obtains RTCs corresponding to the facility's increased emissions in compliance with Rules 2005 and 2007.

The level of Starting Allocation plus Non-Tradable Credits used to determine compliance with Rule 2005(c)(4) and applicability of Rule 2005(e) - TradingZone Restrictions is listed on the last page of this Section.

The following table lists the annual allocations that were issued to this facility and the amounts of RTCs held by this facility on the day of printing this Section.

RECLAIM POLLUTANT ANNUAL ALLOCATION (POUNDS)

| Year | | Zone | SO _x RTC Initially Allocated | SO _x RTC ¹ Holding as of 07/01/08 (pounds) | Non-Tradable ² Credits (NTCs) (pounds) |
|-----------------------|---------|---------|---|---|--|
| Begin (month/year) | End | | | | |
| 7/2005 | 6 /2006 | Coastal | 0 | 0 | |
| 1/2006 | 12/2006 | Coastal | 388035 | 0 | |
| 1/2007 | 12/2007 | Coastal | 390228 | 494111 | |
| 1/2007 | 12/2007 | Inland | 0 | 40000 | |
| 7/2007 | 6 /2008 | Coastal | 0 | 15500 | |
| 1/2008 | 12/2008 | Coastal | 416029 | 410199 | |
| 7/2007 | 6 /2008 | Inland | 0 | 35908 | |
| 1/2009 | 12/2009 | Coastal | 416029 | 416029 | |
| 1/2010 | 12/2010 | Coastal | 416029 | 416029 | |
| 1/2011 | 12/2011 | Coastal | 416029 | 416029 | |
| 1/2012 | 12/2012 | Coastal | 416029 | 416029 | |
| 1/2013 | 12/2013 | Coastal | 416029 | 416029 | |
| 1/2014 | 12/2014 | Coastal | 416029 | 416029 | |
| 1/2015 | 12/2015 | Coastal | 416029 | 416029 | |
| 1/2016 | 12/2016 | Coastal | 416029 | 416029 | |
| 1/2017 | 12/2017 | Coastal | 416029 | 416029 | |
| 1/2018 | 12/2018 | Coastal | 416029 | 416029 | |

Footnotes:

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010 (b). The most recent total RTC information can be obtained from the District's RTC Listing.
2. The use of such credits is subject to restrictions set forth in paragraph (h)(2) of Rule 2002.

**FACILITY PERMIT TO OPERATE
 ULTRAMAR INC (NSR USE ONLY)**

SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

The annual allocation of SO_x RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. Total SO_x emission shall not exceed such annual allocations unless the operator obtains RTCs corresponding to the facility's increased emissions in compliance with Rules 2005 and 2007.

The level of Starting Allocation plus Non-Tradable Credits used to determine compliance with Rule 2005(c)(4) and applicability of Rule 2005(e) - TradingZone Restrictions is listed on the last page of this Section.

The following table lists the annual allocations that were issued to this facility and the amounts of RTCs held by this facility on the day of printing this Section.

RECLAIM POLLUTANT ANNUAL ALLOCATION (POUNDS)

| Year | | Zone | SO _x RTC Initially Allocated | SO _x RTC ¹ Holding as of 07/01/08 (pounds) | Non-Tradable ² Credits (NTCs) (pounds) |
|-----------------------|---------|---------|---|---|--|
| Begin (month/year) | End | | | | |
| 1/2019 | 12/2019 | Coastal | 416029 | 416029 | |
| 1/2020 | 12/2020 | Coastal | 416029 | 416029 | |
| 1/2021 | 12/2021 | Coastal | 416029 | 416029 | |
| 1/2022 | 12/2022 | Coastal | 416029 | 416029 | |
| 1/2023 | 12/2023 | Coastal | 416029 | 416029 | |

Footnotes:

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010 (b). The most recent total RTC information can be obtained from the District's RTC Listing.
2. The use of such credits is subject to restrictions set forth in paragraph (h)(2) of Rule 2002.

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

The annual allocation of RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. If the facility submits a permit application to increase an annual allocation to a level greater than the facility's Starting Allocation plus Non-Tradable Credits as listed below, the application will be evaluated for compliance with Rule 2005(c)(4). Rule 2005(e)-Trading Zone Restrictions applies if an annual allocation is increased to a level greater than the facility's Starting Allocation plus Non-Tradable Credits:

| Year | | Zone | NO _x RTC Starting Allocation (pounds) | Non-Tradable Credits(NTCs) (pounds) |
|--------|---------|---------|--|---|
| Begin | End | | | |
| 1/1994 | 12/1994 | Coastal | 849881 | 729265 |

**FACILITY PERMIT TO OPERATE
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SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

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| Year | | Zone | SOx RTC Starting Allocation (pounds) | Non-Tradable Credits(NTCs) (pounds) |
|--------|---------|---------|--|---|
| Begin | End | | | |
| 1/1994 | 12/1994 | Coastal | 1010497 | 0 |

**FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)**

SECTION C: FACILITY PLOT PLAN

(TO BE DEVELOPED)

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|---|--------|--------------|---|---|---------------|
| Process 1 : CRUDE DISTILLATION | | | | | P13.1 |
| System 1 : CRUDE DISTILLATION UNIT #10 | | | | | S13.2, S15.12 |
| COLUMN, CRUDE DISTILLATION, 10-V-100, HEIGHT: 67 FT; DIAMETER: 8 FT 6 IN A/N: 244379 | D1 | D1235 | | | |
| ACCUMULATOR, CRUDE TOWER OVERHEAD, 10-V-101, LENGTH: 19 FT; DIAMETER: 5 FT A/N: 244379 | D883 | | | | |
| TANK, SURGE, CRUDE TOWER, 10-V-102, HEIGHT: 10 FT; DIAMETER: 3 FT A/N: 244379 | D884 | | | | |
| COLUMN, 10-V-103, LGO STRIPPER, HEIGHT: 24 FT; DIAMETER: 4 FT A/N: 244379 | D885 | | | | |
| VESSEL, DESALTER, CRUDE, 10-DE-100, LENGTH: 28 FT; DIAMETER: 12 FT A/N: 244379 | D886 | | | | |
| VESSEL, DESALTER, CRUDE, 10-DE-101, LENGTH: 28 FT; DIAMETER: 12 FT A/N: 244379 | D887 | | | | |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 244379 | D1310 | | | HAP: (10) [40CFR 63 Subpart CC, #5A,5-25-2001] | H23.17 |

* (1)(1A)(1B) Denotes RECLAIM emission factor
 (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|---|--------|--------------|--|---|------------------------------------|
| Process 1 : CRUDE DISTILLATION | | | | | P13.1 |
| VESSEL, DESALTER, CRUDE, 11-DE-1000, LENGTH: 28 FT; DIAMETER: 12 FT A/N: 177987 | D891 | | | | |
| VESSEL, DESALTER, CRUDE, 11-DE-1001, LENGTH: 28 FT; DIAMETER: 12 FT A/N: 177987 | D892 | | | | |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 177987 | D1312 | | | HAP: (10) [40CFR 63 Subpart CC, #5A,5-25-2001] | H23.17 |
| System 4 : CRUDE DISTILLATION UNIT #11 HEATERS | | | | | |
| HEATER, CRUDE, 11-H-1000, REFINERY GAS, RATING BASED ON HHV, WITH LOW NOX BURNER, 136 MMBTU/HR WITH A/N: 273911 BURNER, REFINERY GAS, JOHN ZINK, MODEL PSMT, SIZE 16M, 14 BURNERS | D6 | | NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE** | CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; PM: (9) [RULE 404,2-7-1986] | B61.1, B61.2, D90.3, D328.1, H23.5 |
| System 5 : VACUUM DISTILLATION UNIT | | | | | S13.2, S15.5, S15.12 |
| COLUMN, VACCUM UNIT, 20-V-2000, HEIGHT: 101 FT; DIAMETER: 19 FT A/N: 177972 | D7 | | | | |

* (1)(1A)(1B) Denotes RECLAIM emission factor (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|---|--------|--------------|---|--|------------------------------------|
| Process 1 : CRUDE DISTILLATION | | | | | P13.1 |
| DRUM, EJECTOR DISCHARGE, 20-V-201, LENGTH: 7 FT; DIAMETER: 3 FT 6 IN A/N: 177972 | D894 | | | | H23.1 |
| CONDENSER, FIRST-STAGE EJECTOR, 20-E-204 A/N: 177972 | D900 | | | | |
| CONDENSER, SECOND-STAGE EJECTOR, 20-E-205 A/N: 177972 | D901 | | | | |
| CONDENSER, EJECTOR, 20-E-206 A/N: 177972 | D902 | | | | |
| EJECTOR, VACUUM TOWER, 20-EJ-200, THREE EJECTORS SYSTEM A/N: 177972 | D907 | | | | H23.1 |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 177972 | D1314 | | | | H23.17 |
| System 6 : VACUUM DISTILLATION UNIT HEATERS | | | | | |
| HEATER, VACCUM FEED HEATER, 20-H-200, REFINERY GAS, HHV, WITH LOW NOX BURNER, 49 MMBTU/HR WITH A/N: 224453 BURNER, REFINERY GAS, JOHN ZINK, MODEL PNDR-16, 10 BURNERS | D8 | | NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE** | CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; PM: (9) [RULE 404,2-7-1986] | B61.1, B61.2, D90.3, D328.1, H23.5 |

* (1)(1A)(1B) Denotes RECLAIM emission factor (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|--------------|--|--|--|
| Process 1 : CRUDE DISTILLATION | | | | | P13.1 |
| HEATER, VACUUM FEED, 20-H-2000, REFINERY GAS, HHV, WITH LOW NOX BURNER, 20 MMBTU/HR WITH A/N: 224454 BURNER, REFINERY GAS, JOHN ZINK, MODEL LNV-Q, SIZE 25, 6 BURNERS | D9 | | NOX: LARGE SOURCE**; SOX: MAJOR SOURCE** | CO: 400 PPMV (5A) [RULE 1146,11-17-2000] ; CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; NOX: 36 PPMV (3) [RULE 2012,5-6-2005] PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; PM: (9) [RULE 404,2-7-1986] | B61.1, B61.2, D28.11, D90.3, H23.5, K171.1 |
| Process 2 : COKING AND RESIDUAL CONDITIONING | | | | | P13.1 |
| System 1 : DELAYED COKING UNIT #30 | | | | | S7.1, S13.2, S15.2, S15.5, S15.12 |
| DRUM, 30-V-300A, HEIGHT: 83 FT 3 IN; DIAMETER: 23 FT A/N: 177993 | D10 | | | PM: (9) [RULE 405,2-7-1986] | D323.2 |
| DRUM, 30-V-300B, HEIGHT: 83 FT 3 IN; DIAMETER: 23 FT A/N: 177993 | D11 | | | PM: (9) [RULE 405,2-7-1986] | D323.2 |
| FRACTIONATOR, 30-V-301, HEIGHT: 52 FT; DIAMETER: 7 FT A/N: 177993 | D908 | | | | |

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 (5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|---|--------|--------------|---|---|--|
| Process 2 : COKING AND RESIDUAL CONDITIONING | | | | | P13.1 |
| ACCUMULATOR, FRACTIONATOR OVERHEAD, 30-V-302, WITH WATER LEG VENTED TO LIGHT ENDS RECOVERY COMPRESSOR, LENGTH: 18 FT; DIAMETER: 5 FT 6 IN A/N: 177993 | D909 | | | | |
| TANK, COKE DRUM CONDENSATE, 30-V-303, LENGTH: 10 FT; DIAMETER: 4 FT 6 IN A/N: 177993 | D910 | | | | |
| COLUMN, LIGHT GAS OIL STRIPPER, 30-V-307, HEIGHT: 22 FT; DIAMETER: 2 FT 6 IN A/N: 177993 | D911 | | | | |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 177993 | D1317 | | | HAP: (10) [40CFR 63 Subpart CC, #5A,5-25-2001] | H23.17 |
| System 2 : DELAYED COKING UNIT #30 HEATERS | | | | | |
| HEATER, 30-H-301, REFINERY GAS, WITH LOW NOX BURNER, 144 MMBTU/HR WITH A/N: 447457 BURNER, REFINERY GAS, JOHN ZINK, MODEL PXMR-20, 32 BURNERS, 144 MMBTU/HR | D12 | C13 | NOX: MAJOR SOURCE** ; SOX: MAJOR SOURCE** | CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; PM: (9) [RULE 404,2-7-1986] | A63.6, B61.1, B61.2, C1.31, D29.1, D90.3, D328.1, H23.5, K67.1 |

* (1)(1A)(1B) Denotes RECLAIM emission factor (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
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 (7) Denotes NSR applicability limit (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|--------------|---|---|---|
| Process 2 : COKING AND RESIDUAL CONDITIONING | | | | | P13.1 |
| SELECTIVE CATALYTIC REDUCTION, SERVING HEATER 30-H-301, WITH AMMONIA INJECTION A/N: 339015 | C13 | D12 | | NH3: 20 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996;RULE 1303(a)(1)-BACT,12-6-2002] | D12.5, D12.6, D28.13, E71.5 |
| System 3 : DELAYED COKING UNIT #31 | | | | | S7.1, S13.2, S15.3, S15.5, S15.12 |
| DRUM, 31-V-3000C, HEIGHT: 58 FT; DIAMETER: 23 FT A/N: 289077 | D14 | | | PM: (9) [RULE 405,2-7-1986] | D323.2 |
| DRUM, 31-V-3000D, HEIGHT: 58 FT; DIAMETER: 23 FT A/N: 289077 | D15 | | | PM: (9) [RULE 405,2-7-1986] | D323.2 |
| TOWER, 31-V-3001, HEIGHT: 62 FT; DIAMETER: 7 FT 6 IN A/N: 289077 | D16 | | | | |
| ACCUMULATOR, COKE TOWER OVHD, 31-V-3002, HEIGHT: 18 FT; DIAMETER: 5 FT 6 IN A/N: 289077 | D17 | | | | |
| COLUMN, COKE LIGHT GAS OIL STRIPPER, 31-V-3007, HEIGHT: 21 FT 7 IN; DIAMETER: 2 FT 6 IN A/N: 289077 | D18 | | | | |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 289077 | D1318 | | | HAP: (10) [40CFR 63 Subpart CC, #5A,5-25-2001] | H23.17 |

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 (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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|---|--------|--------------|--|--|------------------------------------|
| Process 2 : COKING AND RESIDUAL CONDITIONING | | | | | P13.1 |
| System 4 : DELAYED COKING UNIT #31 HEATERS | | | | | |
| HEATER, DCU, 31-H-3000, REFINERY GAS, HHV, WITH LOW NOX BURNER, 95 MMBTU/HR WITH A/N: 273912 BURNER, REFINERY GAS, JOHN ZINK, MODEL PSMR, SIZE 14, 14 BURNERS | D22 | | NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE** | CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; PM: (9) [RULE 404,2-7-1986] | B61.1, B61.2, D90.3, D328.1, H23.5 |
| System 5 : DELAYED COKING BLOWDOWN UNIT | | | | | S13.2, S15.3, S15.5, S15.12 |
| ACCUMULATOR, 30-V-306, QUENCH TOWER OVHD, LENGTH: 12 FT; DIAMETER: 5 FT A/N: 178094 | D21 | | | | |
| TOWER, 30-V-304, QUENCH, HEIGHT: 25 FT 9 IN; DIAMETER: 6 FT A/N: 178094 | D550 | | | | |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 178094 | D1319 | | | HAP: (10) [40CFR 63 Subpart CC, #5A,5-25-2001] | H23.17 |
| System 6 : COKE HANDLING UNIT | | | | | S13.1 |
| CRUSHER, 30-CR-300-1/2/3, PRIMARY, RAW COKE A/N: 323709 | D23 | | | PM: (9) [RULE 405,2-7-1986] | A63.7, D323.1, E202.2 |

* (1)(1A)(1B) Denotes RECLAIM emission factor (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|---|--------|--------------|---|---------------------------------|-----------------------|
| Process 2 : COKING AND RESIDUAL CONDITIONING | | | | | P13.1 |
| CUTTER, 30-ME-300, DEHEADING CART A/N: 323709 | D24 | | | PM: (9) [RULE 405,2-7-1986] | A63.7, D323.1, E202.2 |
| CRUSHER, 31-CR-3000-1/2/3, PRIMARY COKE A/N: 323709 | D25 | | | PM: (9) [RULE 405,2-7-1986] | A63.7, D323.1, E202.2 |
| CUTTER, 31-ME-3000, DEHEADING CART A/N: 323709 | D26 | | | PM: (9) [RULE 405,2-7-1986] | A63.7, D323.1, E202.2 |
| TANK, 31-TK-3000, OPEN TOP, 9890 BBL; DIAMETER: 30 FT; HEIGHT: 54 FT A/N: 323709 | D27 | | | PM: (9) [RULE 405,2-7-1986] | A63.7, D323.1, E202.2 |
| STORAGE TANK, INTERNAL FLOATING ROOF, 30-TK-300, CLARIFIED WATER, WITH INTERNAL MIXER, 4700 BBL; DIAMETER: 30 FT; HEIGHT: 33 FT 6 IN WITH FLOATING ROOF, PONTOON A/N: 323709 | D28 | | | PM: (9) [RULE 405,2-7-1986] | A63.7, D323.1, E202.2 |
| TANK, SURGE, 32-TK-301, CLARIFIED WATER, OPEN TOP, HEIGHT: 14 FT 3 IN; DIAMETER: 10 FT A/N: 323709 | D29 | | | PM: (9) [RULE 405,2-7-1986] | A63.7, D323.1, E202.2 |
| TANK, 32-ME-302, COKE FINES THICKENER, OPEN TOP WITH SURFACE SKIMMER, HEIGHT: 12 FT; DIAMETER: 70 FT A/N: 323709 | D30 | | | PM: (9) [RULE 405,2-7-1986] | A63.7, D323.1, E202.2 |

* (1)(1A)(1B) Denotes RECLAIM emission factor
 (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|---|--------|--------------|---|---------------------------------|---|
| Process 2 : COKING AND RESIDUAL CONDITIONING | | | | | P13.1 |
| TANK, 32-ME-303, COKE FINES THICKENER, OPEN TOP WITH SURFACE SKIMMER, HEIGHT: 14 FT; DIAMETER: 70 FT A/N: 323709 | D31 | | | PM: (9) [RULE 405,2-7-1986] | A63.7, D323.1, E202.2 |
| System 7 : COKE HANDLING, STORAGE, AND LOADING FACILITY (HYDROBINS) | | | | | S1.1, S13.1 |
| BIN, 32-TK-HBIN/A, COKE, OPEN TOP TYPE, WITH A TRUCK LOADING SPOUT, 700 TONS; DIAMETER: 40 FT; HEIGHT: 54 FT A/N: 323709 | D1231 | | | PM: (9) [RULE 405,2-7-1986] | A63.7, D323.1, E125.1, H116.2, H116.4, H116.5 |
| BIN, 32-TK-HBIN/B, COKE, OPEN TOP TYPE, WITH A TRUCK LOADING SPOUT, 700 TONS; DIAMETER: 40 FT; HEIGHT: 54 FT A/N: 323709 | D1232 | | | PM: (9) [RULE 405,2-7-1986] | A63.7, D323.1, E125.1, H116.2, H116.4, H116.5 |
| BIN, 32-TK-HBIN/C, COKE, OPEN TOP TYPE, WITH A TRUCK LOADING SPOUT, 700 TONS; DIAMETER: 40 FT; HEIGHT: 54 FT A/N: 323709 | D1233 | | | PM: (9) [RULE 405,2-7-1986] | A63.7, D323.1, E125.1, H116.2, H116.4, H116.5 |
| Process 3 : CATALYTIC CRACKING | | | | | P13.1 |
| System 1 : FCCU | | | | | S13.2, S15.5, S15.12, S42.1 |
| REACTOR, FCC, 61-R-1, WITH CYCLONE, HEIGHT: 153 FT 10 IN; DIAMETER: 15 FT 6 IN A/N: | D35 | | | | |

* (1)(1A)(1B) Denotes RECLAIM emission factor
 (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
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|---|--------|--|---|---|---|
| Process 3 : CATALYTIC CRACKING | | | | | P13.1 |
| REGENERATOR, FCC, 61-IN-1, WITH CYCLONE, HEIGHT: 100 FT 6 IN; DIAMETER: 26 FT 6 IN A/N: | D36 | C39 D157 D158 D166 D168 D973 D986 | NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE** | CO: 500 PPMV (8) [40CFR 60 Subpart J,10-4-1991] ; CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; HAP: (10) [40CFR 63 Subpart UUU, #2,2-9-2005] PM: 2 LBS/TON (8) [40CFR 60 Subpart J,10-4-1991] ; PM: (9) [RULE 404,2-7-1986;RULE 405,2-7-1986] | A63.4, A63.8, D29.2, D29.12, D82.3, D90.4 |
| TANK, SURGE, 61-V-3, RAW OIL, HEIGHT: 35 FT; DIAMETER: 12 FT 6 IN A/N: | D37 | | | | |
| BLOWER, 61-BL-1, MAIN AIR, 80,142 CFM,SINGLE STAGE CENTRIFUGAL WITH A 6,000HP MOTOR A/N: | D1023 | | | | |
| VESSEL, SEPARATOR, 61-CY-3, THIRD STAGE A/N: | D1024 | | | | |
| TANK, SURGE, 61-V-10, FLUE GAS COOLER, HEIGHT: 20 FT; DIAMETER: 6 FT A/N: | D1247 | | | | |
| EJECTOR, 61-BLX-1-EJ-1 A/N: | D1249 | | | | |

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 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
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 (7) Denotes NSR applicability limit (8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)
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|---|--------|--------------|---|---|-------------------------------|
| Process 3 : CATALYTIC CRACKING | | | | | P13.1 |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: | D1321 | | | HAP: (10) [40CFR 63 Subpart CC, #5A,5-25-2001] | H23.17 |
| System 2 : FCCU HEATERS | | | | | |
| HEATER, 61-H-1, REFINERY GAS, 100 MMBTU/HR WITH A/N: 178009 BURNER, REFINERY GAS, JOHN ZINK, MODEL YE, I BURNER | D38 | | NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE** | CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; PM: (9) [RULE 404,2-7-1986] | B61.2, D90.3, E71.1, H23.5 |
| System 3 : FCCU CONTROL | | | | | |
| ELECTROSTATIC PRECIPITATOR, 61-PR-1A/B, FCCU, MODEL 24/25/2X9/10 IN, TWO PARALLEL SINGLE CHAMBER UNITS, 24 GAS PASSAGES PER PRECIPITATOR A/N: 178024 | C39 | D36 C1615 | | HAP: (10) [40CFR 63 Subpart UUU, #2,2-9-2005] | C12.1, E102.1 |
| System 4 : CATALYST HANDLING UNIT | | | | | |
| HOPPER, DUMP, FRESH CATALYST STORAGE, 61-V-1 A/N: 178025 | D40 | | | PM: (9) [RULE 405,2-7-1986] | D323.1 |
| HOPPER, DUMP, EQUILIBRIUM CATALYST STORAGE, 61-V-2 A/N: 178025 | D41 | | | PM: (9) [RULE 405,2-7-1986] | D323.1 |

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 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
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|---|--------|--------------|---|---------------------------------|--|
| Process 3 : CATALYTIC CRACKING | | | | | P13.1 |
| EJECTOR, 61-EJ-1 A/N: 178025 | D42 | D408 | | | |
| Process 4 : HYDROTREATING | | | | | P13.1 |
| System 1 : GAS OIL UNIBON HYDROTREATING UNIT 80 | | | | | S4.9, S13.2, S15.3, S15.5, S15.12, S31.1 |
| TANK, SURGE, FEED, 80-V-1, HEIGHT: 38 FT; DIAMETER: 12 FT A/N: | D43 | | | | |
| REACTOR, NO.1, 80-V-2, HEIGHT: 27 FT; DIAMETER: 13 FT A/N: | D918 | | | | |
| REACTOR, NO. 2, 80-V-3, HDA, HEIGHT: 27 FT; DIAMETER: 13 FT A/N: | D919 | | | | |
| COLUMN, 80-V-101, HDS STRIPPER, HEIGHT: 97 FT 4 IN; DIAMETER: 9 FT 6 IN A/N: | D1382 | | | | |
| VESSEL, SEPARATOR, PRODUCT, 80- V-4, HEIGHT: 30 FT; DIAMETER: 12 FT A/N: | D44 | | | | |
| COMPRESSOR, RECYCLE GAS, 80-C-1 A/N: | D553 | | | | |
| REACTOR, 80-V-103, HDA, HEIGHT: 42 FT 3 IN; DIAMETER: 13 FT A/N: | D1383 | | | | |

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 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
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|--|--------|--------------|---|---------------------------------|------------|
| Process 4 : HYDROTREATING | | | | | P13.1 |
| DRUM, 80-V-102, HDS STRIPPER OVERHEAD, HEIGHT: 21 FT 4 IN; DIAMETER: 7 FT A/N: | D1381 | | | | |
| SCRUBBER, CHEMICAL, 80-V-6, RECYCLE GAS, HEIGHT: 43 FT; DIAMETER: 4 FT 6 IN A/N: | D51 | | | | |
| KNOCK OUT POT, 80-V-105, RECYCLE GAS SCRUBBER, HEIGHT: 11 FT 11 IN; DIAMETER: 4 FT A/N: | D1385 | | | | |
| COLUMN, 80-V-10, HDA DISTILLATE SPLITTER (HIGH PRESSURE STRIPPER), HEIGHT: 74 FT; DIAMETER: 12 FT A/N: | D46 | | | | |
| ACCUMULATOR, 80-V-11, HDA SPLITTER, VENTED TO VAPOR RECOVERY SYSTEM, HEIGHT: 13 FT; DIAMETER: 5 FT A/N: | D47 | | | | |
| TANK, SURGE, 80-V-12, WASH WATER, HEIGHT: 7 FT; DIAMETER: 2 FT 6 IN A/N: 344827 | D48 | | | | |
| FRACTIONATOR, PRODUCT, 80-V-13, LENGTH: 15 FT 6 IN; DIAMETER: 6 FT A/N: | D49 | | | | |

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 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|---|--------|--------------|---|---|-----------------------------|
| Process 4 : HYDROTREATING | | | | | P13.1 |
| ACCUMULATOR, FRACTIONATOR, 80-V-14, HEIGHT: 15 FT; DIAMETER: 5 FT A/N: | D50 | | | | |
| COLUMN, DIESEL STRIPPER, 80-V-15, HEIGHT: 25 FT 6 IN; DIAMETER: 7 FT A/N: | D920 | | | | |
| COLUMN, STRIPPER, 80-V-16, HEIGHT: 35 FT; DIAMETER: 4 FT A/N: | D921 | | | | |
| VESSEL, SALT FILTER, 80-V-9, LENGTH: 13 FT; DIAMETER: 8 FT 6 IN A/N: | D45 | | | | |
| VESSEL, 80-V-104, CARB DIESEL SALT DRIER, HEIGHT: 28 FT 4 IN; DIAMETER: 15 FT A/N: | D1384 | | | | |
| FILTER, 80-V-23, SALT, GOH DISTILLATE A/N: 344827 | D1248 | | | | |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: | D1323 | | | HAP: (10) [40CFR 63 Subpart CC, #5A,5-25-2001] | H23.17 |
| System 2 : GAS OIL UNIBON HYDROTREATING UNIT HEATERS | | | | | |
| HEATER, 80-H-1, REFINERY GAS, WITH LOW NOX BURNER, 36 MMBTU/HR WITH A/N: 177999 | D52 | | NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE** | CO: 400 PPMV (5A) [RULE 1146,11-17-2000] ; CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; PM: (9) [RULE 404,2-7-1986] | B61.2, D90.3, D328.1, H23.5 |

* (1)(1A)(1B) Denotes RECLAIM emission factor
 (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|--------------|---|--|-----------------------------|
| Process 4 : HYDROTREATING | | | | | P13.1 |
| BURNER, REFINERY GAS, JOHN ZINK, MODEL LNV-Q, EIGHT SIZE 25, FOUR SIZE 50A, 12 BURNERS | | | | PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] | |
| HEATER, 80-H-2, REFINERY GAS, WITH AMMONIA INJECTION, 68 MMBTU/HR WITH A/N: 375762 BURNER, REFINERY GAS, CALLIDUS TECHNOLOGIES, MODEL LE-CSG-12W, 6 BURNERS, WITH LOW NOX BURNER | D53 | | NOX: MAJOR SOURCE** ; SOX: MAJOR SOURCE** | CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; PM: (9) [RULE 404,2-7-1986] | B61.2, D90.3, D328.1, H23.5 |
| System 3 : NAPHTHA HYDROTREATING UNIT #60 | | | | | S13.2, S15.3, S15.5, S15.12 |
| TANK, SURGE, FEED, 60-V-1, LENGTH: 25 FT; DIAMETER: 8 FT A/N: 378969 | D54 | | | | |
| REACTOR, 60-V-2, HEIGHT: 23 FT; DIAMETER: 6 FT 6 IN A/N: 378969 | D922 | | | | |
| VESSEL, SEPARATOR, PRODUCT, 60-V-3, LENGTH: 20 FT 8 IN; DIAMETER: 7 FT A/N: 378969 | D55 | | | | |

* (1)(1A)(1B) Denotes RECLAIM emission factor (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|---|--------|--------------|---|---|--|
| Process 4 : HYDROTREATING | | | | | P13.1 |
| COMPRESSOR, 60-C-1A/B, OLEFIN HYDROTREATER RECYCLE/UNIBON MAKEUP A/N: 378969 | D57 | | | | |
| COMPRESSOR, 60-C-2A/B, OLEFIN HYDROTREATER RECYCLE/UNIBON MAKEUP A/N: 378969 | D58 | | | | |
| COLUMN, STRIPPER, 60-V-5, WITH 20 TRAYS, HEIGHT: 58 FT 6 IN; DIAMETER: 7 FT A/N: 378969 | D56 | | | | |
| ACCUMULATOR, STRIPPER, 60-V-6, LENGTH: 13 FT; DIAMETER: 4 FT 6 IN A/N: 378969 | D924 | | | | |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 378969 | D1325 | | | HAP: (10) [40CFR 63 Subpart CC, #5A,5-25-2001] | H23.17 |
| System 4 : OLEFIN HYDROTREATING UNIT #60 HEATERS | | | | | |
| HEATER, 60-H-1, REFINERY GAS, HHV, WITH LOW NOX BURNER, 26.4 MMBTU/HR WITH A/N: 220601 | D59 | | NOX: LARGE SOURCE**; SOX: MAJOR SOURCE** | CO: 400 PPMV (5A) [RULE 1146,11-17-2000] ; CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; NOX: 36 PPMV (3) [RULE 2012,5-6-2005] PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; PM: (9) [RULE 404,2-7-1986] | B61.1, B61.2, D28.11, D90.3, H23.5, K171.1 |

* (1)(1A)(1B) Denotes RECLAIM emission factor
 (3) Denotes RECLAIM concentration limit
 (5)(5A)(5B) Denotes command and control emission limit
 (7) Denotes NSR applicability limit
 (9) See App B for Emission Limits
 (2)(2A)(2B) Denotes RECLAIM emission rate
 (4) Denotes BACT emission limit
 (6) Denotes air toxic control rule limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|---|--------|--------------|---|--|--|
| Process 4 : HYDROTREATING | | | | | P13.1 |
| BURNER, REFINERY GAS, JOHN ZINK, MODEL PNDR-18, 4 BURNERS | | | | | |
| HEATER, 60-H-2, REFINERY GAS, RATING BASED ON HHV, WITH LOW NOX BURNER, 29.7 MMBTU/HR WITH A/N: 220600 | D60 | | NOX: LARGE SOURCE** ; SOX: MAJOR SOURCE** | CO: 2000 PPMV (5A) [RULE 407,4-2-1982] ; CO: 400 PPMV (5) [RULE 1146,11-17-2000] ; NOX: 36 PPMV (3) [RULE 2012,5-6-2005] PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; PM: (9) [RULE 404,2-7-1986] | B61.1, B61.2, D28.11, D90.3, H23.5, K171.1 |
| BURNER, REFINERY GAS, JOHN ZINK, MODEL PNDR-20, 3 BURNERS | | | | | |
| System 5 : GAS OIL HYDRODESULFURIZATION UNIT | | | | | S4.6, S13.2, S15.3, S15.5, S15.12 |
| VESSEL, COALESCER, 58-V-14, WARM FEED, HEIGHT: 24 FT; DIAMETER: 4 FT 6 IN A/N: 312555 | D687 | | | | |
| TANK, SURGE, FEED, 58-V-1, HEIGHT: 60 FT; DIAMETER: 12 FT A/N: 312555 | D688 | | | | |
| REACTOR, GUARD, 58-R-1, HEIGHT: 16 FT 3 IN; DIAMETER: 14 FT A/N: 312555 | D689 | | | | |

* (1)(1A)(1B) Denotes RECLAIM emission factor (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|---|--------|--------------|---|---------------------------------|------------|
| Process 4 : HYDROTREATING | | | | | P13.1 |
| REACTOR, HYDROTREATING, 58-R-2, HEIGHT: 42 FT 11 IN; DIAMETER: 14 FT 6 IN A/N: 312555 | D690 | | | | |
| REACTOR, HYDROTREATING, 58-R-3, HEIGHT: 62 FT 11 IN; DIAMETER: 14 FT 6 IN A/N: 312555 | D691 | | | | |
| GAS SEPARATOR, HP HOT, 58-V-2, HEIGHT: 30 FT; DIAMETER: 10 FT 6 IN A/N: 312555 | D692 | | | | |
| GAS SEPARATOR, HP COLD, 58-V-3, HEIGHT: 31 FT 2 IN; DIAMETER: 8 FT 6 IN A/N: 312555 | D693 | | | | |
| GAS SEPARATOR, LP COLD, 58-V-8, HEIGHT: 30 FT; DIAMETER: 10 FT A/N: 312555 | D694 | | | | |
| COLUMN, STRIPPING, 58-V-9, HEIGHT: 93 FT 6 IN; DIAMETER: 12 FT 6 IN A/N: 312555 | D695 | | | | |
| DRUM, STRIPPER OVERHEAD, 58-V- 10, HEIGHT: 26 FT 6 IN; DIAMETER: 7 FT 6 IN A/N: 312555 | D696 | | | | |

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 (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|--------------|---|---------------------------------|------------|
| Process 4 : HYDROTREATING | | | | | P13.1 |
| COLUMN, DISTILLATE STRIPPING, 58-V-16, HEIGHT: 37 FT 6 IN; DIAMETER: 5 FT A/N: 312555 | D697 | | | | |
| ABSORBER, HP H2S, 58-V-4, HEIGHT: 76 FT; DIAMETER: 6 FT 6 IN A/N: 312555 | D698 | | | | |
| KNOCK OUT POT, RECYCLE GAS COMPRESSOR, 58-V-5, HEIGHT: 16 FT; DIAMETER: 7 FT 6 IN A/N: 312555 | D699 | | | | |
| TANK, SURGE, 58-V-6, WASH WATER, HEIGHT: 15 FT; DIAMETER: 5 FT A/N: 312555 | D700 | | | | |
| GAS SEPARATOR, LP HOT, 58-V-7, HEIGHT: 44 FT; DIAMETER: 10 FT 6 IN A/N: 312555 | D701 | | | | |
| GAS SEPARATOR, 58-V-12, HEIGHT: 7 FT 2 IN; DIAMETER: 18 FT A/N: 312555 | D702 | | | | |
| TANK, FLASH, 58-V-13, RICH AMINE, HEIGHT: 30 FT; DIAMETER: 11 FT 6 IN A/N: 312555 | D703 | | | | |
| KNOCK OUT POT, 58-V-15, FUEL GAS, HEIGHT: 7 FT 6 IN; DIAMETER: 2 FT 6 IN A/N: 312555 | D704 | | | | |

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 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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|---|--------|--------------|---|---------------------------------|------------|
| Process 4 : HYDROTREATING | | | | | P13.1 |
| DRUM, 89-V-9007, FLARE BLOWDOWN,, HEIGHT: 38 FT; DIAMETER: 12 FT 6 IN A/N: 312555 | D705 | | | | |
| VESSEL, 89-V-9008, FLARE DRAIN POT, HEIGHT: 4 FT; DIAMETER: 2 FT 6 IN A/N: 312555 | D1309 | | | | |
| DRUM, CONDENSATE COLLECTION, 58-V-18, HEIGHT: 12 FT; DIAMETER: 6 FT 6 IN A/N: 312555 | D706 | | | | |
| DRUM, CONDENSATE BLOWDOWN, 58-V-21, HEIGHT: 7 FT 6 IN; DIAMETER: 4 FT A/N: 312555 | D707 | | | | |
| COMPRESSOR, RECYCLE GAS, 58-C-1, 6500 HP A/N: 312555 | D708 | | | | |
| DRUM, 58-V-22, SOUR WATER SURGE, HEIGHT: 28 FT; DIAMETER: 9 FT A/N: 312555 | D1307 | | | | |
| DRUM, 58-V-23, AMINE DRAIN COLLECTION, HEIGHT: 8 FT; DIAMETER: 4 FT A/N: 312555 | D1308 | | | | |

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 (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
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|--|--------|--------------|--|---|---|
| Process 4 : HYDROTREATING | | | | | P13.1 |
| FILTER, 58-F-1A/B, COLD FEED PREFILTER, HEIGHT: 6 FT; DIAMETER: 4 FT A/N: 312555 | D762 | | | | |
| FILTER, 58-F-2A/B/C, WARM FEED, HEIGHT: 6 FT; DIAMETER: 4 FT A/N: 312555 | D764 | | | | |
| FILTER, 58-F-3A/B, COMBINED FEED, HEIGHT: 6 FT; DIAMETER: 4 FT A/N: 312555 | D766 | | | | |
| VESSEL, GOH DISTILLATE, SALT FILTER, 58-V-24, HEIGHT: 52 FT; DIAMETER: 12 FT A/N: 312555 | D1306 | | | | |
| EJECTOR, 58-EJ-1, EDUCTOR WITH SILENCER A/N: 312555 | D767 | | | | |
| DRAIN SYSTEM COMPONENT A/N: 312555 | D1469 | | | | H23.4 |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 312555 | D1327 | | | HAP: (10) [40CFR 63 Subpart CC, #5A,5-25-2001] | H23.16 |
| System 6 : GAS OIL HYDRODESULFURIZATION UNIT HEATERS | | | | | |
| HEATER, GAS OIL HYDROTREATING, 58-H-1, REFINERY GAS, WITH LOW NOX BURNER, 110 MMBTU/HR WITH A/N: 447456 | D768 | C770 | NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE** | CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; PM: (9) [RULE 404,2-7-1986] | A63.2, B61.1, B61.2, D90.3, D328.1, H23.5 |

* (1)(1A)(1B) Denotes RECLAIM emission factor
 (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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|--|--------|--------------|---|---|---|
| Process 4 : HYDROTREATING | | | | | P13.1 |
| BURNER, 12 BURNERS, REFINERY GAS, WITH LOW NOX BURNER, 110 MMBTU/HR | | | | | |
| SELECTIVE CATALYTIC REDUCTION, WITH AMMONIA INJECTION A/N: 291900 | C770 | D768 | | NH3: 20 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996;RULE 1303(a)(1)-BACT,12-6-2002] | D12.7, D28.4, E73.1 |
| System 7 : NAPHTHA HYDROTREATER/SPLITTER UNIT #56 | | | | | S4.4, S13.2, S15.5, S15.12, S31.5 |
| COLUMN, H2S STRIPPER, 56-V-5, HEIGHT: 66 FT; DIAMETER: 10 FT A/N: | D61 | | | | |
| TANK, SURGE, 56-V-1, HEIGHT: 32 FT; DIAMETER: 10 FT A/N: | D423 | | | | |
| REACTOR, 56-R-2, HEIGHT: 29 FT; DIAMETER: 9 FT 6 IN A/N: | D1464 | | | | |
| VESSEL, SEPARATOR, PRODUCT, 56- V-3, HEIGHT: 25 FT; DIAMETER: 9 FT 6 IN A/N: | D424 | | | | |
| ACCUMULATOR, STRIPPER OVERHEAD, 56-V-6, LENGTH: 6 FT 6 IN; HEIGHT: 20 FT A/N: | D425 | | | | |

* (1)(1A)(1B) Denotes RECLAIM emission factor (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

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|---|--------|--------------|---|---------------------------------|------------|
| Process 4 : HYDROTREATING | | | | | P13.1 |
| ACCUMULATOR, SPLITTER OVERHEAD, 56-V-12, LENGTH: 26 FT; DIAMETER: 8 FT 6 IN A/N: | D426 | | | | |
| KNOCK OUT POT, 56-V-17, FUEL GAS, LENGTH: 8 FT 6 IN; DIAMETER: 3 FT 6 IN A/N: | D427 | | | | |
| ACCUMULATOR, RERUN OVERHEAD, 56-V-14, HEIGHT: 25 FT; DIAMETER: 8 FT A/N: | D428 | | | | |
| DRUM, COMPRESSOR SUCTION, 56-V-4, HEIGHT: 9 FT; DIAMETER: 3 FT 6 IN A/N: | D593 | | | | |
| COMPRESSOR, RECYCLE, 56-C-1 A/N: | D594 | | | | |
| DRUM, 56-V-15, HOT OIL, HEIGHT: 30 FT; DIAMETER: 8 FT A/N: | D595 | | | | |
| COLUMN, NAPHTHA SPLITTER, 56-V-11, HEIGHT: 122 FT; DIAMETER: 11 FT A/N: | D596 | | | | |
| COLUMN, NAPHTHA RERUN, 56-V-13, HEIGHT: 102 FT; DIAMETER: 9 FT 6 IN A/N: | D598 | | | | |

* (1)(1A)(1B) Denotes RECLAIM emission factor
 (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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|---|--------|--------------|---|---|------------------------------------|
| Process 4 : HYDROTREATING | | | | | P13.1 |
| DRAIN SYSTEM COMPONENT A/N: 285344 | D1470 | | | | H23.4 |
| BLOWER, VAPORIZER AIR, 56-MX-1-V1 A/N: | D1465 | | | | |
| EJECTOR, EVACUATION, 56-EJ-1 A/N: | D1466 | | | | |
| VESSEL, SEAL GAS SEPARATOR, 56-CY-1 A/N: | D1467 | | | | |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: | D1328 | | | HAP: (10) [40CFR 63 Subpart CC, #5A,5-25-2001] | H23.16 |
| System 8 : NAPHTHA HYDROTREATER/SPLITTER UNIT HEATERS | | | | | S2.1 |
| HEATER, NAPHTHA HYDROTREATER CHARGE, 56-H-1, REFINERY GAS, 30 MMBTU/HR WITH A/N: 447454 BURNER, 6 BURNERS, REFINERY GAS, CALLIDUS, MODEL LECSGW #5, LOW NOX BURNER, 30 MMBTU/HR | D429 | C431 | NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE** | CO: 2000 PPMV (5A) [RULE 407,4-2-1982] ; CO: 400 PPMV (5) [RULE 1146,11-17-2000] ; PM: (9) [RULE 404,2-7-1986] PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] | B61.1, B61.2, D90.3, D328.1, H23.5 |

* (1)(1A)(1B) Denotes RECLAIM emission factor
 (3) Denotes RECLAIM concentration limit
 (5)(5A)(5B) Denotes command and control emission limit
 (7) Denotes NSR applicability limit
 (9) See App B for Emission Limits
 (2)(2A)(2B) Denotes RECLAIM emission rate
 (4) Denotes BACT emission limit
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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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|--|--------|--------------|--|--|------------------------------|
| Process 4 : HYDROTREATING | | | | | P13.1 |
| HEATER, HOT OIL, 56-H-2, REFINERY GAS, 200 MMBTU/HR WITH A/N: BURNER, 15 BURNERS, REFINERY GAS, CALLIDUS, MODEL LECSGW #5, LOW NOX BURNER, 200 MMBTU/HR | D430 | C431 | NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE** | CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; PM: (9) [RULE 404,2-7-1986] | B61.1, B61.2, D90.3, H23.5 |
| SELECTIVE CATALYTIC REDUCTION, WITH AMMONIA INJECTION, WIDTH: 16 FT; HEIGHT: 11 FT; LENGTH: 8 FT A/N: | C431 | D429 D430 | | NH3: 20 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996;RULE 1303(a)(1)-BACT,12-6-2002] | D12.7, D28.4, E73.1, K171.1 |
| Process 5 : CATALYTIC REFORMING AND ISOMERIZATION | | | | | P13.1 |
| System 1 : PLATFORMER UNIT #70 | | | | | S13.2, S13.13, S15.5, S15.12 |
| VESSEL, SEPARATOR, PRODUCT, 70-V-4, HEIGHT: 20 FT; DIAMETER: 7 FT A/N: | D62 | | | | |
| COLUMN, DEPROPANIZER, 70-V-7, HEIGHT: 76 FT; DIAMETER: 7 FT A/N: | D65 | | | | |
| VESSEL, RECEIVER, DEPROPANIZER, 70-V-8, LENGTH: 15 FT; DIAMETER: 4 FT 6 IN A/N: | D66 | | | | |

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 (5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

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| Process 5 : CATALYTIC REFORMING AND ISOMERIZATION | | | | | P13.1 |
| HOPPER, LOCK, #1, 70-V-23, HEIGHT: 2 FT 6 IN; DIAMETER: 2 FT A/N: | D68 | D74 | | HAP: (10) [40CFR 63 Subpart UUU, #1,2-9-2005] ; PM: (9) [RULE 405,2-7-1986] | D323.1 |
| HOPPER, LOCK, #2, 70-V-28, HEIGHT: 2 FT 6 IN; DIAMETER: 2 FT A/N: | D69 | D74 | | HAP: (10) [40CFR 63 Subpart UUU, #1,2-9-2005] ; PM: (9) [RULE 405,2-7-1986] | D323.1 |
| VESSEL, COALESCER, BOOSTER PURGE GAS, 70-V-39 A/N: | D70 | | | | |
| VESSEL, LIFT ENGAGER, 70-V-29, HEIGHT: 3 FT 6 IN; DIAMETER: 1 FT 8 IN A/N: | D71 | D74 | | HAP: (10) [40CFR 63 Subpart UUU, #1,2-9-2005] | |
| EJECTOR, STEAM JET, 70-EJ-1 A/N: | D72 | | | | |
| COMPRESSOR, RECYCLE GAS, 70-C-1 A/N: | D554 | | | | |
| COMPRESSOR, NET GAS BOOSTER, 70-C-2A A/N: | D555 | | | | |
| COMPRESSOR, NET GAS BOOSTER, 70-C-2B A/N: | D556 | | | | |
| REACTOR, NO.1, 70-V-1, HEIGHT: 19 FT 11 IN; DIAMETER: 6 FT 6 IN A/N: | D925 | | | HAP: (10) [40CFR 63 Subpart UUU, #1,2-9-2005] | |

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 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
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| Process 5 : CATALYTIC REFORMING AND ISOMERIZATION | | | | | P13.1 |
| REACTOR, NO.2, 70-V-2, HEIGHT: 21 FT 4 IN; DIAMETER: 7 FT A/N: | D926 | | | HAP: (10) [40CFR 63 Subpart UUU, #1,2-9-2005] | |
| REACTOR, NO.3, 70-V-3, HEIGHT: 21 FT 4 IN; DIAMETER: 8 FT 6 IN A/N: | D927 | | | HAP: (10) [40CFR 63 Subpart UUU, #1,2-9-2005] | |
| TANK, CONDENSATE INJECTION, 70-V-9, HEIGHT: 5 FT; DIAMETER: 2 FT 6 IN A/N: 178090 | D928 | | | | |
| DRUM, CONTINUOUS BLOWDOWN, 70-V-12, HEIGHT: 5 FT; DIAMETER: 2 FT A/N: | D930 | | | | |
| DRUM, STEAM BLOWDOWN, 70-V-13, HEIGHT: 6 FT; DIAMETER: 5 FT A/N: | D931 | | | | |
| TOWER, REGENERATION, 70-V-21, HEIGHT: 25 FT 7 IN; DIAMETER: 4 FT 6 IN A/N: | D932 | D74 D935 | | HAP: (10) [40CFR 63 Subpart UUU, #1,2-9-2005] | A63.3 |
| VESSEL, RECEIVER, CATALYST, 70-V-22, HEIGHT: 1 FT 9 IN; DIAMETER: 2 FT A/N: | D933 | D946 | | PM: (9) [RULE 405,2-7-1986] | D323.1 |
| VESSEL, LIFT ENGAGER, 70-V-24, HEIGHT: 3 FT 6 IN; DIAMETER: 1 FT 8 IN A/N: | D934 | D74 | | PM: (9) [RULE 405,2-7-1986] | D323.1 |

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 (4) Denotes BACT emission limit
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 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
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|---|--------|--------------|---|---------------------------------|------------|
| Process 5 : CATALYTIC REFORMING AND ISOMERIZATION | | | | | P13.1 |
| HOPPER, DISENGAGING, 70-V-25, DIAMETER: 4 FT; HEIGHT: 8 FT A/N: | D935 | D932 | | PM: (9) [RULE 405,2-7-1986] | D323.1 |
| HOPPER, FLOW CONTROL, 70-V-26, DIAMETER: 6 IN; HEIGHT: 1 FT 9 IN A/N: | D936 | | | PM: (9) [RULE 405,2-7-1986] | D323.1 |
| HOPPER, SURGE, 70-V-27, DIAMETER: 5 FT; HEIGHT: 9 FT A/N: | D937 | | | PM: (9) [RULE 405,2-7-1986] | D323.1 |
| HOPPER, CATALYST ADDITION FUNNEL, 70-V-30, DIAMETER: 3 FT; HEIGHT: 6 IN A/N: | D938 | | | PM: (9) [RULE 405,2-7-1986] | D323.1 |
| HOPPER, CATALYST ADDITION LOCK, 70-V-31, DIAMETER: 2 FT; HEIGHT: 2 FT A/N: | D939 | | | PM: (9) [RULE 405,2-7-1986] | D323.1 |
| DRUM, VENT NO.1, 70-V-32, HEIGHT: 2 FT 6 IN; DIAMETER: 1 FT 0.75 IN A/N: | D940 | D74 | | | |
| DRUM, VENT NO.2, 70-V-33, HEIGHT: 2 FT 6 IN; DIAMETER: 1 FT 0.75 IN A/N: | D941 | D74 | | | |
| DRUM, VENT NO.3, 70-V-34, HEIGHT: 2 FT 6 IN; DIAMETER: 1 FT 0.75 IN A/N: | D942 | D74 | | | |
| DRUM, VENT NO.4, 70-V-35, HEIGHT: 2 FT 6 IN; DIAMETER: 1 FT 0.75 IN A/N: | D943 | D74 | | | |

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|--|--------|--------------|---|--|--|
| Process 5 : CATALYTIC REFORMING AND ISOMERIZATION | | | | | P13.1 |
| VESSEL, COALESCER, RECYCLE PURGE GAS, 70-V-38 A/N: | D944 | | | | |
| EJECTOR, BOOSTER COMPRESSOR, 70-EJ-2 A/N: | D945 | | | | |
| FILTER, HEPA, 70-ME-22 A/N: | D946 | D933 | | | D322.1, D381.1, K67.8 |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: | D1331 | | | HAP: (10) [40CFR 63 Subpart CC, #5A,5-25-2001] | H23.17 |
| System 2 : PLATFORMER UNIT #70 HEATERS | | | | | |
| HEATER, 70-H-4, REFINERY GAS, HHV, WITH LOW NOX BURNER, 29.7 MMBTU/HR WITH A/N: 220593 BURNER, REFINERY GAS, JOHN ZINK, MODEL PNDR-20, 3 BURNERS | D73 | | NOX: LARGE SOURCE**; SOX: MAJOR SOURCE** | CO: 2000 PPMV (5A) [RULE 407,4-2-1982] ; CO: 400 PPMV (5) [RULE 1146,11-17-2000] ; NOX: 36 PPMV (3) [RULE 2012,5-6-2005] PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; PM: (9) [RULE 404,2-7-1986] | B61.1, B61.2, D28.11, D90.3, H23.5, K171.1 |

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|--|--------|--|--|--|---|
| Process 5 : CATALYTIC REFORMING AND ISOMERIZATION | | | | | P13.1 |
| HEATER, 70-H-1/2/3, PROCESS GAS, REFINERY GAS, WITH LOW NOX BURNER, 151 MMBTU/HR WITH A/N: BURNER, REFINERY GAS, JOHN ZINK, MODEL LNC-Q, SIXTEEN-SIZE 16, SEVEN-SIZE 14, 23 BURNERS | D74 | D68 D69 D71 D932 D934 D935 D940 D941 D942 D943 | NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE** | CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; PM: (9) [RULE 404,2-7-1986] | B61.2, D90.3, H23.5 |
| Process 7 : ALKYLATION AND ISOMERIZATION | | | | | P13.1 |
| System 1 : ALKYLATION UNIT #68 | | | | | S4.4, S13.2, S15.5, S15.12, S31.5 |
| SETTLING TANK, ACID, 68-V-4A/B, LENGTH: 40 FT; DIAMETER: 13 FT A/N: | D947 | | | | |
| VESSEL, RECEIVER, DEPROPANIZER, 68-V-12, HEIGHT: 22 FT 6 IN; DIAMETER: 7 FT 6 IN A/N: | D948 | | | | |
| TANK, SURGE, REGENERANT, 68-V-1, LENGTH: 16 FT; DIAMETER: 5 FT 6 IN A/N: 307083 | D75 | | | | |
| VESSEL, FIELD BUTANE DRIERS, 68-V-2 A, HEIGHT: 23 FT; DIAMETER: 6 FT 6 IN A/N: 307083 | D76 | | | | |

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| Process 7 : ALKYLATION AND ISOMERIZATION | | | | | P13.1 |
| TANK, HOLDING, 68-V-3, ACID, HEIGHT: 60 FT; DIAMETER: 12 FT A/N: | D77 | | | | |
| VESSEL, RECEIVER, ISOSTRIPPER SIDECUT, 68-V-5, LENGTH: 40 FT; DIAMETER: 12 FT 6 IN A/N: | D78 | | | | |
| COLUMN, ISO STRIPPER, 68-V-6, HEIGHT: 180 FT 6 IN; DIAMETER: 13 FT A/N: | D79 | | | | |
| VESSEL, TREATER, 68-V-7 A, BUTANE ALUMINA, HEIGHT: 38 FT; DIAMETER: 13 FT 6 IN A/N: 307083 | D80 | | | | |
| VESSEL, TREATER, BUTANE KOH, 68-V-8, HEIGHT: 16 FT; DIAMETER: 8 FT A/N: | D81 | | | | |
| REGENERATOR, ACID, 68-V-9C, HEIGHT: 28 FT; DIAMETER: 3 FT 6 IN A/N: | D82 | | | | |
| SETTLING TANK, DEPROPANIZER FEED, 68-V-10, LENGTH: 24 FT; DIAMETER: 8 FT A/N: 307083 | D83 | | | | |
| COLUMN, DEPROPANIZER, 68-V-11, HEIGHT: 87 FT 6 IN; DIAMETER: 5 FT 6 IN A/N: | D84 | | | | |

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| Process 7 : ALKYLATION AND ISOMERIZATION | | | | | P13.1 |
| COLUMN, HF STRIPPER, 68-V-13, HEIGHT: 42 FT; DIAMETER: 4 FT 6 IN A/N: | D85 | | | | |
| VESSEL, TREATER, 68-V-14A, PROPANE ALUMINA, HEIGHT: 28 FT; DIAMETER: 9 FT A/N: 307083 | D86 | | | | |
| VESSEL, TREATER, PROPANE KOH, 68-V-15, HEIGHT: 16 FT; DIAMETER: 4 FT A/N: | D87 | | | | |
| TANK, SURGE, 68-V-16, POLYMER, HEIGHT: 15 FT; DIAMETER: 7 FT 6 IN A/N: | D88 | | | | |
| VESSEL, COALESCER, 68-V-23, LENGTH: 8 FT 3 IN; DIAMETER: 1 FT 8 IN A/N: 307083 | D91 | | | | |
| VESSEL, 68-V-2B, FIELD BUTANE DRIER, HEIGHT: 23 FT; DIAMETER: 6 FT 6 IN A/N: 307083 | D95 | | | | |
| VESSEL, TREATER, 68-V-7B, BUTANE ALUMINA, HEIGHT: 38 FT; DIAMETER: 13 FT 6 IN A/N: 307083 | D96 | | | | |
| VESSEL, TREATER, 68-V-14B, PROPANE ALUMINA, HEIGHT: 28 FT; DIAMETER: 9 FT A/N: 307083 | D97 | | | | |

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|--|--------|----------------------|---|---------------------------------|------------|
| Process 7 : ALKYLATION AND ISOMERIZATION | | | | | P13.1 |
| PUMP, HF ACID CIRCULATION, 68-P-1A, 300 HP, WITH VENTED SEAL AND SEAL POT A/N: 307083 | D1008 | D949 | | | D238.1 |
| PUMP, HF ACID CIRCULATION, 68-P-1B, 300 HP, WITH VENTED SEAL AND SEAL POT A/N: 307083 | D1010 | D949 | | | |
| PUMP, HF ACID EVACUATION, 68-P-16, 75 HP, STANDBY, WITH VENTED SEAL AND SEAL POT A/N: | D1011 | D949 | | | D238.1 |
| REACTOR, 68-E-3, NO.1, HF ACID, SHELL AND TUBE TYPE A/N: 307083 | D1137 | | | | D238.1 |
| REACTOR, 68-E-4, NO.2, HF ACID, SHELL AND TUBE TYPE A/N: 307083 | D1138 | | | | D238.1 |
| KNOCK OUT POT, 68-V-18, HEIGHT: 12 FT; DIAMETER: 6 FT A/N: | D949 | D1008 D1010 D1011 | | | |
| VESSEL, POLYMER NEUTRALIZER, 68-V-17, HEIGHT: 12 FT; DIAMETER: 6 FT A/N: | D89 | | | | |
| SCRUBBER, 68-V-20, ACID RELIEF GAS, HEIGHT: 46 FT; DIAMETER: 12 FT 6 IN A/N: | D90 | D950 D1288 | | | |

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|--|--------|--------------|---|---|------------|
| Process 7 : ALKYLATION AND ISOMERIZATION | | | | | P13.1 |
| DRUM, NEUTRALIZING, 68-V-19, LENGTH: 20 FT; DIAMETER: 6 FT A/N: | D950 | D90 | | | |
| VESSEL, 68-V-21, KOH, WITH MIXER, LENGTH: 6 FT; DIAMETER: 4 FT A/N: 307083 | D951 | | | | |
| TANK, KOH REGENERATION, 68-V-22, HEIGHT: 23 FT; DIAMETER: 8 FT A/N: | D952 | | | | |
| SCRUBBER, 68-V-24A, LENGTH: 12 FT 9 IN; DIAMETER: 5 FT A/N: | D953 | D1289 | | | |
| SCRUBBER, 68-V-24B, LENGTH: 12 FT 9 IN; DIAMETER: 5 FT A/N: | D954 | D1289 | | | |
| EJECTOR, 68-EJ-2, NEUTRALIZING DRUM A/N: | D1288 | D90 | | | |
| EJECTOR, 68-EJ-3, LIME ADDITION A/N: | D1289 | D953 D954 | | | |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: | D1333 | | | HAP: (10) [40CFR 63 Subpart CC, #5A,5-25-2001] | H23.17 |

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|---|--------|--------------|---|---------------------------------|---|
| Process 7 : ALKYLATION AND ISOMERIZATION | | | | | P13.1 |
| System 3 : BUTAMER UNIT #69 | | | | | S4.4, S13.2, S15.5, S15.12, S31.5 |
| VESSEL, BUTANE DRYER, 69-V-1A, HEIGHT: 39 FT 6 IN; DIAMETER: 5 FT 6 IN A/N: 308206 | D99 | | | | |
| VESSEL, COALESCER, 69-V-2, LENGTH: 10 FT; DIAMETER: 3 FT A/N: 308206 | D100 | | | | |
| TANK, FEED, 69-V-3, LENGTH: 22 FT 6 IN; DIAMETER: 8 FT 6 IN A/N: | D101 | | | | |
| TANK, HOLDING, 69-V-4, PERCHLOROETHYLENE, LENGTH: 10 FT; DIAMETER: 3 FT 6 IN A/N: | D102 | | | | |
| REACTOR, 69-V-5A, HEIGHT: 28 FT 6 IN; DIAMETER: 7 FT 6 IN A/N: 308206 | D103 | | | | |
| VESSEL, SEPARATOR, 69-V-6, HEIGHT: 16 FT; DIAMETER: 5 FT A/N: | D104 | | | | |
| VESSEL, MAKE UP GAS DRIER, 69-V- 7A, HEIGHT: 28 FT; DIAMETER: 1 FT 6 IN A/N: | D105 | | | | |

* (1)(1A)(1B) Denotes RECLAIM emission factor
 (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|---|--------|--------------|---|---------------------------------|------------|
| Process 7 : ALKYLATION AND ISOMERIZATION | | | | | P13.1 |
| COLUMN, 69-V-8, STABILIZER, IN TWO SECTIONS, HEIGHT: 131 FT 6 IN; DIAMETER: 8 FT 6 IN A/N: | D106 | | | | |
| VESSEL, RECEIVER, STABILIZER, 69-V-9, LENGTH: 10 FT 6 IN; DIAMETER: 3 FT 6 IN A/N: | D107 | | | | |
| SCRUBBER, STABILIZER GAS, 69-V-10, HEIGHT: 30 FT 6 IN; DIAMETER: 5 FT A/N: | D108 | | | | |
| VESSEL, BUTANE DRIER, 69-V-1 B, HEIGHT: 28 FT 6 IN; DIAMETER: 5 FT 6 IN A/N: 308206 | D111 | | | | |
| REACTOR, 69-V-5B, HEIGHT: 28 FT 6 IN; DIAMETER: 7 FT 6 IN A/N: 308206 | D112 | | | | |
| VESSEL, MAKE UP GAS DRIER, 69-V-7B, HEIGHT: 28 FT; DIAMETER: 1 FT 6 IN A/N: | D113 | | | | |
| COMPRESSOR, RECYCLE GAS, 69-C-1 A/N: | D557 | | | | |
| COLUMN, DEISOBUTANIZER (DIB), 69-V-11, HEIGHT: 175 FT; DIAMETER: 11 FT 6 IN A/N: | D788 | | | | |

* (1)(1A)(1B) Denotes RECLAIM emission factor (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|--------------|--|--|---|
| Process 7 : ALKYLATION AND ISOMERIZATION | | | | | P13.1 |
| ACCUMULATOR, DIB OVERHEAD, 69-V-12, LENGTH: 31 FT 6 IN; DIAMETER: 10 FT 6 IN A/N: | D789 | | | | |
| EJECTOR, 69-EJ-1, STEAM JET A/N: | D1290 | | | | H23.1 |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: | D1334 | | | | H23.17 |
| System 5 : ALKYLATION UNIT #68 HEATERS | | | | | |
| HEATER, 68-H-1, REFINERY GAS, 57 MMBTU/HR WITH A/N: 447453 BURNER, 5 BURNERS, REFINERY GAS, JOHN ZINK, MODEL PSMR-18M, LOW NOX BURNER, 57 MMBTU/HR | D98 | | NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE** | CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; PM: (9) [RULE 404,2-7-1986] | A63.1, B61.1, B61.2, D90.3, D328.1, H23.5 |
| Process 8 : GAS PRODUCTION | | | | | P13.1 |
| System 1 : FCCU GAS PLANT/FRACTIONATION SECTION UNIT 61 | | | | | S4.7, S13.2, S15.5, S15.12 |
| ACCUMULATOR, MAIN COLUMN, 61-V-6, LENGTH: 25 FT; DIAMETER: 14 FT 2 IN A/N: 291953 | D114 | | | | |

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 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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|---|--------|--------------|---|---|-------------------------------|
| Process 8 : GAS PRODUCTION | | | | | P13.1 |
| COLUMN, HEAVY NAPHTHA STRIPPING, 61-V-20, HEIGHT: 40 FT; DIAMETER: 3 FT 6 IN A/N: 291953 | D812 | | | | |
| TANK, SURGE, RAW OIL, 61-V-3, HEIGHT: 35 FT; DIAMETER: 14 FT 2 IN A/N: 291953 | D955 | | | | |
| COLUMN, MAIN FRACTIONATION, 61-V-5, HEIGHT: 131 FT 3 IN; DIAMETER: 16 FT A/N: 291953 | D956 | | | | |
| COLUMN, LIGHT CYCLE OIL STRIPPER, 61-V-7, HEIGHT: 32 FT; DIAMETER: 5 FT 6 IN A/N: 291953 | D957 | | | | |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 291953 | D1336 | | | HAP: (10) [40CFR 63 Subpart CC, #5A,5-25-2001] | H23.17 |
| System 2 : FCCU GAS PLANT/CONCENTRATION AND COMPRESSION UNIT 63 | | | | | S4.7, S13.2, S15.5, S15.12 |
| DRUM, FIRST STAGE SUCTION, 63-V-1, HEIGHT: 15 FT; DIAMETER: 7 FT 6 IN A/N: 307086 | D116 | | | | |
| VESSEL, RECEIVER, INTERSTAGE, 63-V-2, HEIGHT: 12 FT; DIAMETER: 6 FT A/N: 307086 | D117 | | | | |

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 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|---|--------|--------------|---|---------------------------------|------------|
| Process 8 : GAS PRODUCTION | | | | | P13.1 |
| VESSEL, SEPARATOR, HIGH PRESSURE, 63-V-4, LENGTH: 34 FT; DIAMETER: 11 FT A/N: 307086 | D118 | | | | |
| COLUMN, DEBUTANIZER, 63-V-8, HEIGHT: 100 FT 9 IN; DIAMETER: 9 FT A/N: 307086 | D119 | | | | |
| VESSEL, RECEIVER, DEBUTANIZER, 63-V-9, HEIGHT: 25 FT; DIAMETER: 8 FT A/N: 307086 | D120 | | | | |
| REACTOR, SELECTIVE HYDROGENATION UNIT, 63-R-1 A/N: 307086 | D823 | | | | |
| TANK, WATER INJECTION, 63-V-3, HEIGHT: 6 FT; DIAMETER: 3 FT A/N: 307086 | D958 | | | | |
| ABSORBER, PRIMARY, 63-V-12, HEIGHT: 98 FT 8 IN; DIAMETER: 6 FT 6 IN A/N: 307086 | D959 | | | | |
| ABSORBER, SPONGE, 63-V-6, HEIGHT: 64 FT 6 IN; DIAMETER: 4 FT A/N: 307086 | D960 | | | | |
| COLUMN, STRIPPER, 63-V-7, HEIGHT: 81 FT; DIAMETER: 8 FT 6 IN A/N: 307086 | D961 | | | | |

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 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|---|--------|--------------|---|---|---|
| Process 8 : GAS PRODUCTION | | | | | P13.1 |
| COMPRESSOR, 63-C-1, WET GAS, TWO STAGES, 6000 HP, WITH SEALS VENTED TO VAPOR RECOVERY SYSTEM A/N: 307086 | D963 | | | | |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 307086 | D1337 | | | HAP: (10) [40CFR 63 Subpart CC, #5A,5-25-2001] | H23.17 |
| System 3 : FCCU GAS PLANT/LPG PREFRACTIONATION DRYING SECTION | | | | | S4.3, S13.2, S15.5, S15.12, S31.2 |
| COLUMN, DRYING, 63-V-10, HEIGHT: 94 FT 6 IN; DIAMETER: 9 FT 6 IN A/N: 178015 | D121 | | | | |
| VESSEL, RECEIVER, DRYING COLUMN, 63-V-11, LENGTH: 21 FT; DIAMETER: 7 FT A/N: 178015 | D122 | | | | |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: | D1338 | | | HAP: (10) [40CFR 63 Subpart CC, #5A,5-25-2001] | H23.17 |
| System 4 : LIGHT ENDS VAPOR RECOVERY UNIT #43 | | | | | S4.4, S13.2, S15.5, S15.12, S31.5 |
| ABSORBER, SPONGE, 43-V-402, HEIGHT: 95 FT; DIAMETER: 6 FT A/N: | D123 | | | | |
| COLUMN, DEPROPANIZER, 43-V-404, HEIGHT: 75 FT; DIAMETER: 5 FT 6 IN A/N: | D124 | | | | |

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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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|---|--------|--------------|---|---|------------|
| Process 8 : GAS PRODUCTION | | | | | P13.1 |
| ACCUMULATOR, DEPROPANIZER OVERHEAD, 43-V-405, LENGTH: 12 FT; DIAMETER: 3 FT A/N: | D965 | | | | |
| COMPRESSOR, LIGHT ENDS FEED, 43-C-400A, 2 STAGE RECIPROCATING, WITH 350 HP MOTOR A/N: | D125 | | | | |
| COMPRESSOR, LIGHT ENDS FEED, 43-C-400B A/N: | D126 | | | | |
| SCRUBBER, BUTANE CAUSTIC, 43-V-4001, HEIGHT: 30 FT; DIAMETER: 1 FT 6 IN A/N: | D127 | | | | |
| VESSEL, COALESCER, 43-V-4002, HEIGHT: 28 FT; DIAMETER: 5 FT 8 IN A/N: | D128 | | | | |
| KNOCK OUT POT, LIGHT ENDS COMPRESSOR, 43-V-309, HEIGHT: 9 FT; DIAMETER: 3 FT A/N: 304106 | D964 | | | | |
| VESSEL, WATER TRAP, 43-V-411, HEIGHT: 4 FT; DIAMETER: 2 FT A/N: | D966 | | | | |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: | D1339 | | | HAP: (10) [40CFR 63 Subpart CC, #5A,5-25-2001] | H23.17 |

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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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|---|--------|--------------|---|---|-------------------------------|
| Process 8 : GAS PRODUCTION | | | | | P13.1 |
| System 5 : LIGHT ENDS VAPOR RECOVERY UNIT #44 | | | | | S13.2, S15.3, S15.5, S18.3 |
| ABSORBER, SPONGE, 44-V-4002, HEIGHT: 95 FT; DIAMETER: 6 FT A/N: 304107 | D129 | | | | |
| COLUMN, DEBUTANIZER, 44-V-4004, HEIGHT: 85 FT; DIAMETER: 7 FT A/N: 304107 | D130 | | | | |
| ACCUMULATOR, DEBUTANIZER OVERHEAD, 44-V-4005, LENGTH: 15 FT; DIAMETER: 4 FT 6 IN A/N: 304107 | D131 | | | | |
| COMPRESSOR, LIGHT ENDS, 44-C- 4000 A/N: 304107 | D558 | | | | |
| EJECTOR, 44-E-4010-EJ1, FIRST STAGE A/N: 304107 | D1291 | | | | H23.1 |
| EJECTOR, 44-E-4010-EJ2, SECOND STAGE A/N: 304107 | D1292 | | | | H23.1 |
| EJECTOR, 44-E-4010-EJ3 A/N: 304107 | D1293 | | | | H23.1 |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 304107 | D1340 | | | HAP: (10) [40CFR 63 Subpart CC, #5A,5-25-2001] | H23.17 |

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 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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|--|--------|--------------|---|---------------------------------|-------------------------|
| Process 9 : BLENDING | | | | | P13.1 |
| System 1 : GASOLINE BLENDING UNIT | | | | | S13.2, S15.5, S15.12 |
| DRUM, EXCESS SAMPLE, 82-V-9, VENTED TO ATMOSPHERE THROUGH VAPOR FILTER, LENGTH: 4 FT 10 IN; DIAMETER: 3 FT A/N: 178019 | D133 | D967 | | | |
| TANK, PROTO FUEL MIX, 82-V-10, PRESSURIZED, 6.25 FT; 3 FT A/N: 178019 | D134 | | | | |
| TANK, PROTO FUEL MIX, 82-V-11, PRESSURIZED, LENGTH: 6 FT 3 IN; DIAMETER: 3 FT A/N: 178019 | D135 | | | | |
| TANK, PROTO FUEL MIX, 82-V-12, PRESSURIZED, LENGTH: 6 FT 3 IN; DIAMETER: 3 FT A/N: 178019 | D136 | | | | |
| TANK, STANBY FUEL, 82-V-13, PRESSURIZED, LENGTH: 6 FT 3 IN; DIAMETER: 3 FT A/N: 178019 | D137 | | | | |
| TANK, DYE, 82-ME-3-V-1, VENTED TO THE ATMOSPHERE, LENGTH: 6 FT 3 IN; DIAMETER: 3 FT A/N: 178019 | D138 | | | | |
| TANK, ANTI-OXIDANT, 82-ME-3-V-2, VENTED TO THE ATMOSPHERE, LENGTH: 8 FT 9 IN; DIAMETER: 4 FT A/N: 178019 | D139 | | | | |

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 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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|---|--------|--------------|---|---------------------------------|---|
| Process 9 : BLENDING | | | | | P13.1 |
| TANK, METAL-DEACTIVATOR, 82-ME-3-V-3, VENTED TO THE ATMOSPHERE, LENGTH: 10 FT 6 IN; DIAMETER: 6 FT A/N: 178019 | D140 | | | | |
| FILTER, EXCESS SAMPLE DRUM VAPOR, 82-ME-4 A/N: 178019 | D967 | D133 | | | |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 178019 | D1341 | | | | H23.17 |
| Process 10 : TREATING/STRIPPING | | | | | P13.1 |
| System 1 : SOUR WATER STRIPPING | | | | | S4.6, S13.2, S15.4, S15.5, S15.12 |
| COLUMN, 54-V-1, SOUR WATER STRIPPING, HEIGHT: 90 FT; DIAMETER: 8 FT 6 IN A/N: 291941 | D774 | | | | |
| ACCUMULATOR, 54-V-2, STRIPPER OVERHEAD, LENGTH: 13 FT; DIAMETER: 6 FT A/N: 291941 | D779 | D178 D181 | | | |
| DRUM, SOUR WATER SURGE, 54-V-3, HEIGHT: 13 FT; DIAMETER: 6 FT A/N: 291941 | D1371 | | | | |
| DRAIN SYSTEM COMPONENT A/N: 291941 | D1471 | | | | H23.4 |

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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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|--|--------|--------------|---|---------------------------------|-------------------------------------|
| Process 10 : TREATING/STRIPPING | | | | | P13.1 |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 291941 | D1342 | | | | H23.16 |
| System 2 : LPG MEROX TREATING UNIT #64 | | | | | S4.2, S4.3, S13.2, S15.5, S15.12 |
| VESSEL, CAUSTIC PREWASH, 64-V-1, LENGTH: 21 FT; DIAMETER: 5 FT 6 IN A/N: 339038 | D152 | | | | |
| VESSEL, EXTRACTOR, 64-V-2, LENGTH: 38 FT; DIAMETER: 4 FT A/N: 339038 | D153 | | | | |
| VESSEL, CAUSTIC SETTLER, 64-V-3, LENGTH: 18 FT; DIAMETER: 5 FT A/N: 339038 | D154 | | | | |
| TANK, WATER BREAK, 64-V-5, HEIGHT: 6 FT; DIAMETER: 4 FT A/N: 339038 | D971 | | | | |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 339038 | D1343 | | | | H23.17 |
| System 3 : LPG MEROX TREATING UNIT #65 | | | | | S13.2, S15.5, S15.12 |
| VESSEL, CAUSTIC PREWASH, 65-V-1, LENGTH: 21 FT; DIAMETER: 8 FT A/N: 280989 | D155 | | | | |
| VESSEL, EXTRACTOR, 65-V-2, LENGTH: 38 FT; DIAMETER: 6 FT A/N: 280989 | D156 | | | | |

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 (6) Denotes air toxic control rule limit
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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|--|--------|--------------|---|---------------------------------|------------|
| Process 10 : TREATING/STRIPPING | | | | | P13.1 |
| TANK, VENT, 65-V-8, LENGTH: 6 FT; DIAMETER: 1 FT 6 IN A/N: 280989 | D157 | D36 | | | |
| VESSEL, SEPARATOR, 65-V-7, LENGTH: 16 FT; DIAMETER: 4 FT A/N: 280989 | D158 | D36 | | | |
| VESSEL, CAUSTIC SETTLER, 65-V-3, LENGTH: 24 FT; DIAMETER: 6 FT 6 IN A/N: 280989 | D972 | | | | |
| POT, CATALYST ADDITION, 65-V-5, LENGTH: 4 FT; DIAMETER: 2 FT A/N: 280989 | D985 | | | | |
| VESSEL, OXIDIZER, 65-V-6, HEIGHT: 20 FT; DIAMETER: 2 FT A/N: 280989 | D986 | D36 | | | |
| COLUMN, LPG/DGA CONTACTOR, 65-V-10, HEIGHT: 45 FT; DIAMETER: 6 FT A/N: 280989 | D987 | | | | |
| DRUM, WATER WASH, 65-V-12, LENGTH: 35 FT; DIAMETER: 6 FT A/N: 280989 | D988 | | | | |
| VESSEL, LEAN DGA FILTER, 65-F-1, HEIGHT: 8 FT; DIAMETER: 3 FT 6 IN A/N: 280989 | D989 | | | | |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 280989 | D1344 | | | | H23.17 |

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 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
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| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|--------------|---|---|--------------------------------|
| Process 10 : TREATING/STRIPPING | | | | | P13.1 |
| System 4 : FCC GASOLINE MEROX TREATING UNIT #66 | | | | | S13.2, S15.5, S15.12 |
| REACTOR, MEROX, 66-V-1, HEIGHT: 23 FT; DIAMETER: 12 FT A/N: 178016 | D159 | | | | |
| POT, DRAIN, 66-V-2, LENGTH: 5 FT; DIAMETER: 1 FT 6 IN A/N: 178016 | D976 | | | | |
| EJECTOR, 66-EJ-1, ACETIC ACID AND CATALYST A/N: 178016 | D1294 | | | | H23.1 |
| EJECTOR, 66-EJ-2, STEAM CONDENSATE A/N: 178016 | D1295 | | | | |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 178016 | D1345 | | | HAP: (10) [40CFR 63 Subpart CC, #5A,5-25-2001] | H23.17 |
| System 5 : SOUR WATER STRIPPING UNIT #48 | | | | | S13.2, S15.4, S15.5, S15.12 |
| COLUMN, SOUR WATER STRIPPER, 48-V-1, HEIGHT: 88 FT; DIAMETER: 5 FT A/N: 178088 | D160 | | | SOX: 500 PPMV (5) [RULE 407,4-2-1982] | |
| ACCUMULATOR, SOUR WATER STRIPPER OVERHEAD, 48-V-2, LENGTH: 8 FT; DIAMETER: 3 FT A/N: 178088 | D161 | | | | |

* (1)(1A)(1B) Denotes RECLAIM emission factor
 (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|--------------|---|--|--------------------------------|
| Process 10 : TREATING/STRIPPING | | | | | P13.1 |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 178088 | D1346 | | | | H23.17 |
| System 6 : SOUR WATER STRIPPING UNIT #49 | | | | | S13.2, S15.4, S15.5, S15.12 |
| ACCUMULATOR, SOUR WATER STRIPPER OVERHEAD, 49-V-2, LENGTH: 8 FT; DIAMETER: 3 FT A/N: 178089 | D162 | | | | |
| TANK, FLASH, 49-V-3, SOUR WATER, LENGTH: 9 FT; DIAMETER: 3 FT 6 IN A/N: 178089 | D163 | | | | |
| COLUMN, SOUR WATER STRIPPER, 49-V-1, HEIGHT: 87 FT; DIAMETER: 5 FT A/N: 178089 | D164 | | | SOX: 500 PPMV (5) [RULE 407,4-2-1982] | |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 178089 | D1347 | | | | H23.17 |
| System 7 : SPENT CAUSTIC OXIDATION UNIT | | | | | S13.2, S15.5, S15.12 |
| TANK, SPENT CAUSTIC FEED, 83-V-1, FIXED ROOF, 300 BBL; DIAMETER: 10 FT; HEIGHT: 24 FT A/N: 277743 | D165 | | | | |
| VESSEL, SPENT CAUSTIC OXIDIZER, 83-V-2, HEIGHT: 34 FT; DIAMETER: 3 FT A/N: 277743 | D166 | D36 | | | |

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 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|---|--------|--------------|---|---------------------------------|-------------------------------------|
| Process 10 : TREATING/STRIPPING | | | | | P13.1 |
| TANK, HOLDING, 83-V-4A, 200 BBL; DIAMETER: 8 FT; HEIGHT: 22 FT 6 IN A/N: 277743 | D167 | | | | |
| KNOCK OUT POT, OFF-GAS, 83-V-6, LENGTH: 4 FT; DIAMETER: 1 FT 6 IN A/N: 277743 | D168 | D36 | | | |
| TANK, HOLDING, 83-V-4B, 200 BBL; DIAMETER: 8 FT; HEIGHT: 22 FT 6 IN A/N: 277743 | D169 | | | | |
| VESSEL, SEPARATOR, 83-V-3, LENGTH: 4 FT; DIAMETER: 1 FT 6 IN A/N: 277743 | D973 | D36 | | | H23.3 |
| DRUM, LIFT TRAP, 83-V-5, HEIGHT: 4 FT; DIAMETER: 2 FT A/N: 277743 | D977 | | | | H23.3 |
| System 8 : FIELD BUTANE CAUSTIC TREATING | | | | | S4.1, S4.2, S13.2, S15.5, S15.12 |
| SCRUBBER, 64-V-6, CAUSTIC TREATING, HEIGHT: 21 FT; DIAMETER: 5 FT 6 IN A/N: 344828 | D1280 | | | | C1.14 |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: | D1348 | | | | H23.17 |
| System 10 : AMINE TREATING UNIT # 51 | | | | | S4.6, S13.2, S15.12, S18.5 |
| SCRUBBER, 51-V-2, HEIGHT: 25 FT; DIAMETER: 4 FT A/N: 291944 | D782 | | | | |

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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|---|--------|--------------|---|--|---|
| Process 10 : TREATING/STRIPPING | | | | | P13.1 |
| KNOCK OUT POT, 51-V-1, SOUR GAS, HEIGHT: 10 FT; DIAMETER: 4 FT A/N: 291944 | D785 | | | | |
| ABSORBER, 51-V-4, L. P. AMINE, HEIGHT: 65 FT; DIAMETER: 4 FT A/N: 291944 | D786 | | | | |
| KNOCK OUT POT, 51-V-5, SWEET GAS, HEIGHT: 10 FT; DIAMETER: 4 FT A/N: 291944 | D787 | | | | |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 291944 | D1363 | | | HAP: (10) [40CFR 63 Subpart CC, #2,5-25-2001] | H23.16 |
| DRAIN SYSTEM COMPONENT A/N: 291944 | D1472 | | | | H23.4 |
| System 11 : AMINE TREATING UNIT # 55 | | | | | S4.6, S13.2, S15.4, S15.5, S15.12 |
| REGENERATOR, AMINE 55-V-1, HEIGHT: 70 FT; DIAMETER: 8 FT A/N: 312556 | D835 | | | | E336.3 |
| ACCUMULATOR, AMINE OVERHEAD, 55-V-2, ACID GAS VENTED TO SULFUR PLANT, HEIGHT: 9 FT; DIAMETER: 4 FT A/N: 312556 | D837 | | | | |
| VESSEL, CONDENSATE POT, 55-V-3, LENGTH: 9 FT; DIAMETER: 3 FT 6 IN A/N: 312556 | D839 | | | | |

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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|---|--------|--------------|---|--|------------|
| Process 10 : TREATING/STRIPPING | | | | | P13.1 |
| VESSEL, CONDENSATE POT, 55-V-4, LENGTH: 9 FT 6 IN; DIAMETER: 3 FT 6 IN A/N: 312556 | D840 | | | | |
| FILTER, VACCO, 55-F-1, LEAN AMINE, 300 GPM CAPACITY A/N: 312556 | D846 | | | | |
| FILTER, CARBON, 55-F-2, LEAN AMINE, 300 GPM CAPACITY A/N: 312556 | D847 | | | | |
| ACCUMULATOR, BLACKFLUSH STEAM, 55-V-5 A/N: 312556 | D863 | | | | |
| TANK, BACKFLUSH RECOVERY, 55- V-6 A/N: 312556 | D1210 | | | | |
| VESSEL, WASTE DECANTER, 55-V-7 A/N: 312556 | D1211 | | | | |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 312556 | D1364 | | | HAP: (10) [40CFR 63 Subpart CC, #2,5-25-2001] | H23.16 |
| DRAIN SYSTEM COMPONENT A/N: 312556 | D1468 | | | | H23.4 |

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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|--------------|---|---------------------------------|--|
| Process 10 : TREATING/STRIPPING | | | | | P13.1 |
| System 12 : AMINE TREATING UNIT # 45 | | | | | S13.2, S15.4, S15.5, S15.12, S18.4 |
| TANK, SURGE, 45-V-4013, RICH AMINE, LENGTH: 35 FT; DIAMETER: 14 FT 1 IN A/N: 256041 | D444 | | | | E193.1 |
| SCRUBBER, 45-V-4015, SOUR GAS, HEIGHT: 27 FT; DIAMETER: 3 FT 6 IN A/N: 256041 | D445 | | | | E193.1 |
| ACCUMULATOR, 45-V-4008, HEIGHT: 10 FT; DIAMETER: 2 FT 6 IN A/N: 256041 | D647 | | | | |
| ABSORBER, 45-V-4006, AMINE CONTACTOR, HEIGHT: 65 FT; DIAMETER: 4 FT A/N: 256041 | D649 | | | | |
| VESSEL, 45-V-4000, AMINE/FUEL GAS CYCLONE SEPARATOR, HEIGHT: 6 FT 6 IN; DIAMETER: 1 FT 4 IN A/N: 256041 | D1250 | | | | |
| DRUM, 45-V-4001, SOUR GAS KNOCKOUT, HEIGHT: 8 FT 6 IN; DIAMETER: 3 FT 6 IN A/N: 256041 | D1251 | | | | |
| REGENERATOR, 45-V-4007, AMINE, HEIGHT: 63 FT; DIAMETER: 4 FT A/N: 256041 | D1252 | | | | E336.3 |

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 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|--------------|---|--|---|
| Process 10 : TREATING/STRIPPING | | | | | P13.1 |
| TANK, FLASH, 45-V-4010, FLASH, RICH AMINE, VENTED TO ACID GAS RELIEF HEADER, HEIGHT: 12 FT; DIAMETER: 4 FT 6 IN A/N: 256041 | D1253 | | | | |
| SUMP, 45-SMP-1, AMINE, WIDTH: 10 FT 5 IN; DEPTH: 8 FT; LENGTH: 13 FT 10 IN A/N: 256041 | D1254 | | | | |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 256041 | D1367 | | | | H23.17 |
| Process 11 : SULFUR PRODUCTION | | | | | P13.1 |
| System 1 : SULFUR RECOVERY UNIT TRAIN #1 | | | | | S13.2, S13.9, S13.10, S15.11, S18.6 |
| CONDENSER, 40-E-01, NO. 1, SULFUR A/N: | D1410 | | | | |
| CONDENSER, 40-E-02, NO. 2, SULFUR A/N: | D1411 | | | | |
| CONDENSER, 40-E-03, NO. 3, SULFUR A/N: | D1412 | | | | |
| CONDENSER, 40-E-04, NO. 4, SULFUR A/N: | D1413 | | | H2S: 10 PPMV (8) [40CFR 60 Subpart J,10-4-1991] ; H2S: 10 PPMV (5) [RULE 468,10-8-1976] ; HAP: (10) [40CFR 63 Subpart UUU, #4,2-9-2005] | |

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 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
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 (6) Denotes air toxic control rule limit
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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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|---|--------|--------------|---|---|---|
| Process 11 : SULFUR PRODUCTION | | | | | P13.1 |
| | | | | REDUCED S: 300 PPMV (8) [40CFR 60 Subpart J,10-4-1991] ; SOX: 500 PPMV (5) [RULE 407,4-2-1982] | |
| System 2 : SULFUR RECOVERY UNIT TRAIN #2 | | | | | S13.2, S13.9, S13.10, S15.11, S18.6 |
| CONDENSER, 40-E-51, NO. 1, SULFUR A/N: | D1414 | | | | |
| CONDENSER, 40-E-52, NO. 2, SULFUR A/N: | D1415 | | | | |
| CONDENSER, 40-E-53, NO. 3, SULFUR A/N: | D1416 | | | | |
| CONDENSER, 40-E-54, NO. 4, SULFUR A/N: | D1417 | | | H2S: 10 PPMV (8) [40CFR 60 Subpart J,10-4-1991] ; H2S: 10 PPMV (5) [RULE 468,10-8-1976] ; HAP: (10) [40CFR 63 Subpart UUU, #4,2-9-2005] REDUCED S: 300 PPMV (8) [40CFR 60 Subpart J,10-4-1991] ; SOX: 500 PPMV (5) [RULE 407,4-2-1982] | |
| System 6 : LIQUID SULFUR STORAGE | | | | | S15.8, S15.13 |
| PIT, 40-TK-01, SULFUR, WIDTH: 15 FT; DEPTH: 10 FT; LENGTH: 50 FT A/N: | D179 | | | H2S: 10 PPMV (5) [RULE 468,10-8-1976] | |

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|--|--------|--------------|---|--|---|
| Process 11 : SULFUR PRODUCTION | | | | | P13.1 |
| PIT, 40-TK-51, SULFUR, WIDTH: 15 FT; DEPTH: 10 FT; LENGTH: 50 FT A/N: | D182 | C1260 | | H2S: 10 PPMV (5) [RULE 468,10-8-1976] | |
| System 7 : SULFUR VCS SERVING STORAGE TANK, PITS AND LOADING RACK | | | | | S15.8, S15.13 |
| EJECTOR, 40-EJ-01 A/N: | D849 | C1260 | | | H23.1 |
| EJECTOR, 40-EJ-02 A/N: | D850 | C1260 | | | H23.1 |
| System 38 : TAIL GAS UNIT 38, REDUCTION CONTROL | | | | | S4.5, S13.8, S15.6, S15.8, S18.10 |
| REACTOR, HYDROGENATION, 41-V-03, SRU TRAIN 1, LENGTH: 8 FT; DIAMETER: 8 FT A/N: | D674 | | | | |
| REACTOR, HYDROGENATION, 41-V-53, SRU TRAIN 2, LENGTH: 8 FT; DIAMETER: 8 FT A/N: | D675 | | | | |
| SCRUBBER, 41-V-5, AMINE (IDLE), HEIGHT: 50 FT; DIAMETER: 6 FT A/N: | D142 | | | | D90.2 |
| COLUMN, 46-V-4007, AMINE REGENERATOR, HEIGHT: 63 FT; DIAMETER: 4 FT A/N: | D1255 | | | | |

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|---|--------|--------------|---|---------------------------------|--------------------------------|
| Process 11 : SULFUR PRODUCTION | | | | | P13.1 |
| REGENERATOR, 46-V-4008, AMINE, HEIGHT: 9 FT 10 IN; DIAMETER: 2 FT 6 IN A/N: | D650 | | | | E336.3 |
| TANK, SURGE, 46-V-4010, AMINE, HEIGHT: 28 FT; DIAMETER: 6 FT A/N: | D651 | | | | |
| VESSEL, 46-V-4011, CONDENSATE POT, LENGTH: 6 FT; DIAMETER: 2 FT A/N: | D1256 | | | | |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: | D1351 | | | | H23.16 |
| System 39 : TAIL GAS UNIT 39, REDUCTION CONTROL | | | | | S13.8, S15.6, S15.8, S18.10 |
| REACTOR, HYDROGENATION, 41-V- 03, SRU TRAIN 1, LENGTH: 8 FT; DIAMETER: 8 FT A/N: | D674 | | | | |
| REACTOR, HYDROGENATION, 41-V- 53, SRU TRAIN 2, LENGTH: 8 FT; DIAMETER: 8 FT A/N: | D675 | | | | |
| GENERATOR, REDUCING GAS, 41-H- 02, 1ST TRAIN A/N: 255995 | D678 | | | | |
| GENERATOR, REDUCING GAS, 41-H- 51, 2ND TRAIN A/N: 255995 | D679 | | | | |

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|--|--------|--------------|---|---------------------------------------|------------|
| Process 11 : SULFUR PRODUCTION | | | | | P13.1 |
| ABSORBER, AMINE, 39-V-2, HEIGHT: 42 FT; DIAMETER: 7 FT A/N: | D148 | | | CO: 2000 PPMV (5) [RULE 407,4-2-1982] | |
| REGENERATOR, AMINE, 39-V-3, HEIGHT: 55 FT; DIAMETER: 5 FT A/N: 176874 | D560 | | | | |
| DRUM, AMINE REFLUX, 39-V-5, HEIGHT: 10 FT; DIAMETER: 3 FT A/N: 176874 | D561 | | | | |
| TANK, SURGE, LEAN AMINE, 39-V-4, HEIGHT: 20 FT; DIAMETER: 5 FT A/N: 176874 | D676 | | | | |
| VESSEL, SEPARATOR, ACID GAS, 42-V-408, LENGTH: 7 FT; DIAMETER: 2 FT A/N: 318640 | D141 | | | | |
| TOWER, STRIPPER, 42-V-407, HEIGHT: 54 FT 3 IN; DIAMETER: 5 FT A/N: 318640 | D143 | | | | |
| ACCUMULATOR, 43-V-409, LENGTH: 19 FT; DIAMETER: 3 FT A/N: 318640 | D146 | | | | |
| VESSEL, RECEIVER, CONDENSATE, 42-V-410, HEIGHT: 4 FT 3 IN; DIAMETER: 3 FT A/N: 318640 | D969 | | | | |
| TANK, FILTER BACKWASH, 42-TK-400, HEIGHT: 3 FT 9 IN; DIAMETER: 3 FT A/N: 318640 | D970 | | | | |

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|--|--------|--------------|---|---------------------------------|------------|
| Process 11 : SULFUR PRODUCTION | | | | | P13.1 |
| VESSEL, 39-V-6, CONDENSATE DRUM, HEIGHT: 13 FT; DIAMETER: 2 FT A/N: 318640 | D1285 | | | | |
| FILTER, 39-V-7, BACKFLUSH A/N: 318640 | D1286 | | | | |
| TANK, 39-TK-1, AMINE, HEIGHT: 13 FT 6 IN; DIAMETER: 12 FT A/N: 318640 | D1282 | | | | |
| TANK, 39-TK-2, AMINE RUNDOWN, HEIGHT: 18 FT 6 IN; DIAMETER: 12 FT A/N: 318640 | D1283 | | | | |
| TANK, 39-TK-3, AMINE SUMP, HEIGHT: 7 FT; DIAMETER: 6 FT A/N: 318640 | D1284 | | | | |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 176874 | D1352 | | | | H23.17 |
| Process 12 : LOADING/UNLOADING | | | | | P13.1 |
| System 1 : CRUDE AND GAS OIL TANK TRUCK UNLOADING | | | | | |
| UNLOADING ARM, BOTTOM, TANK TRUCK, TWO BOTTOM UNLOADING FLEXIBLE HOSES, CRUDE OIL, DIAMETER: 4 IN A/N: 178039 | D185 | | | | H23.29 |

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 (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|--------------|---|---------------------------------|------------|
| Process 12 : LOADING/UNLOADING | | | | | P13.1 |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 178039 | D1623 | | | | H23.17 |
| System 2 : LPG TANK TRUCK LOADING AND UNLOADING - PHASE I | | | | | |
| LOADING AND UNLOADING ARM, BOTTOM, TANK TRUCK, BUTANE, WITH QUICK SHUT OFF VALVE AND VAPOR RETURN, 3 TOTAL; DIAMETER: 4 IN A/N: 178041 | D186 | | | | E144.1 |
| UNLOADING ARM, BOTTOM, TANK TRUCK, PROPANE, ONE POSITION, WITH QUICK SHUT OFF VALVE AND VAPOR RETURN LINE, 1 TOTAL; DIAMETER: 3 IN A/N: 178041 | D187 | | | | |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 178041 | D1624 | | | | H23.17 |
| System 3 : LPG TANK TRUCK LOADING/UNLOADING - PHASE II | | | | | |
| LOADING ARM, BOTTOM, TANK TRUCK, 53-ME-3A/B, LIQUIFIED PETROLEUM GAS, WITH QUICK SHUT OFF VALVE AND VAPOR RETURN LINE, 2 TOTAL; DIAMETER: 3 IN A/N: 178042 | D190 | | | | E144.1 |

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 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

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| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|--------------|---|--|---------------|
| Process 12 : LOADING/UNLOADING | | | | | P13.1 |
| UNLOADING ARM, TANK TRUCK, 53-ME-4 A/B, BUTANE, WITH QUICK SHUT OFF VALVES AND VAPOR RETURN LINES, 2 TOTAL; DIAMETER: 3 IN A/N: 178042 | D191 | | | | E144.1 |
| DRUM, 53-V-3A, FIELD BUTANE FLOW LIMIT, NITROGEN PURGE, LENGTH: 6 FT; DIAMETER: 3 FT A/N: 178042 | D192 | | | | |
| DRUM, 53-V-3B, FIELD BUTANE FLOW LIMIT, NITROGEN PURGE, HEIGHT: 6 FT; DIAMETER: 3 FT A/N: 178042 | D195 | | | | |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 178042 | D1625 | | | | H23.17 |
| System 4 : TANK TRUCK BULK LOADING | | | | | |
| LOADING ARM, BOTTOM, TANK TRUCK, DIESEL FUEL, WITH DRY BREAK QUICK CONNECTION AND VAPOR RETURN LINES, 8 TOTAL; DIAMETER: 4 IN A/N: 391840 | D196 | D198 | | | C1.28 |
| LOADING ARM, BOTTOM, TANK TRUCK, IDLED, GASOLINE, WITH DRY BREAK QUICK CONNECTION AND VAPOR RETURN LINES, 8 TOTAL; DIAMETER: 4 IN A/N: 391840 | D197 | D198 | | HAP: (10) [40CFR 63 Subpart CC, #6,5-25-2001] ; VOC: 0.08 LBS/1000 GAL (5) [RULE 462,5-14-1999] | C1.11, H23.19 |

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 (7) Denotes NSR applicability limit (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

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| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|---|--------|--------------------|---|---------------------------------------|------------|
| Process 12 : LOADING/UNLOADING | | | | | P13.1 |
| TANK, VAPOR RECOVERY DROP OUT, 53-V-2, WIDTH: 4 FT; HEIGHT: 6 FT; LENGTH: 5 FT A/N: 391840 | D198 | D196 D197 C1029 | | | |
| SUMP, 94-SMP-1, CRUDE TANK DRAW OFF, WASTE WATER, COVERED, WIDTH: 10 FT; DEPTH: 10 FT; LENGTH: 10 FT A/N: 391840 | D199 | | | | |
| LOADING ARM, TANK TRUCK, TOP, 53-ME-2 A/B, DECANT OIL, 2 TOTAL; DIAMETER: 4 IN A/N: 391840 | D547 | | | | C1.28 |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 391840 | D1626 | | | | H23.17 |
| System 5 : SULFUR TANK TRUCK AND TANK CAR LOADING | | | | | |
| LOADING ARM, SULFUR, DOUBLE PIPE JACKETED ARM, WITH VAPOR RETURN LINE, WIDTH: 10 FT; DEPTH: 9 FT; LENGTH: 10 FT A/N: | D200 | | | SOX: 500 PPMV (5) [RULE 407,4-2-1982] | |

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 (6) Denotes air toxic control rule limit
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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

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| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|--------------|---|---|-------------------------------|
| Process 13 : OIL/WATER SEPARATION | | | | | |
| System 1 : WASTE WATER TREATMENT SYSTEM | | | | | S4.3, S13.7, S15.5, S15.12 |
| SUMP, DIVERSION BOX, FIXED COVER, 95-SMP-1, WIDTH: 21 FT 6 IN; DEPTH: 12 FT; HEIGHT: 34 FT A/N: | D201 | | | BENZENE: (10) [40CFR 61 Subpart FF_01,12-4-2003] ; VOC: 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003] | |
| WASTE WATER SEPARATOR, PARALLEL PLATE INTERCEPTOR, 95-ME-9001A, FIXED COVER A/N: | D209 | D1235 | | BENZENE: (10) [40CFR 61 Subpart FF_01,12-4-2003] ; VOC: 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003] | |
| WASTE WATER SEPARATOR, PARALLEL PLATE INTERCEPTOR, 95-ME-9002 A, FIXED COVER A/N: | D210 | | | BENZENE: (10) [40CFR 61 Subpart FF_01,12-4-2003] ; VOC: 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003] | |
| HOPPER, 95-ME-9004, FIXED COVER, SLUDGE A/N: | D212 | D1235 | | BENZENE: (10) [40CFR 61 Subpart FF_01,12-4-2003] ; VOC: 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003] | |
| WASTE WATER SEPARATOR, PARALLEL PLATE INTERCEPTOR, 95-ME-9001B, FIXED COVER A/N: | D214 | | | BENZENE: (10) [40CFR 61 Subpart FF_01,12-4-2003] ; VOC: 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003] | |

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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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|---|--------|--------------|---|---|------------|
| Process 13 : OIL/WATER SEPARATION | | | | | |
| WASTE WATER SEPARATOR, PARALLEL PLATE INTERCEPTOR, 95-ME-9002B, FIXED COVER A/N: | D215 | | | BENZENE: (10) [40CFR 61 Subpart FF_01,12-4-2003] ; VOC: 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003] | |
| CENTRIFUGE, 95-ME-9003B, HORIZONTAL DECANTER, 200 GPM A/N: 176872 | D216 | | | | |
| TANK, DESANDER, 95-TK-9021A, FIXED ROOF, HEIGHT: 11 FT; DIAMETER: 6 FT A/N: | D881 | D1235 | | BENZENE: (10) [40CFR 61 Subpart FF_01,12-4-2003] ; VOC: 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003] | |
| TANK, DESANDER, 95-TK-9021B, FIXED ROOF, HEIGHT: 11 FT; DIAMETER: 6 FT A/N: | D882 | D1235 | | BENZENE: (10) [40CFR 61 Subpart FF_01,12-4-2003] ; VOC: 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003] | |
| SUMP, 83-SMP-3, CRUDE TANK DRAW-OFF, FIXED COVER, 13800 GALS; WIDTH: 10 FT; DEPTH: 9 FT; LENGTH: 10 FT A/N: | D999 | | | BENZENE: (10) [40CFR 61 Subpart FF_01,12-4-2003] ; VOC: 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003] | |
| TANK, 95-TK-9018, PPI SLUDGE BLOWDOWN, FIXED ROOF, VENTED TO VAPOR RECOVERY SYSTEM, 240 BBL; DIAMETER: 12 FT; HEIGHT: 12 FT A/N: | D1000 | D1235 | | BENZENE: (10) [40CFR 61 Subpart FF_01,12-4-2003] ; VOC: 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003] | |

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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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|--|--------|--------------|---|---|------------------------------|
| Process 13 : OIL/WATER SEPARATION | | | | | |
| CONVEYOR, SCREW, SLUDGE AUGUR, 2HP A/N: | D1001 | | | | |
| MIXER, 95-ME-9004MX, SLUDGE A/N: | D1002 | | | | |
| System 2 : WASTE WATER SEPARATION AND STORAGE | | | | | |
| STORAGE TANK, FIXED ROOF, 21-TK-1000, WASTE WATER, WITH AN OIL SKIMMER; VENTED TO CARBON ADSORPTION SYSTEM, 150000 BBL; DIAMETER: 150 FT; HEIGHT: 48 FT A/N: 422926 | D253 | C1207 | | BENZENE: 24 PPMV (6) [RULE 1401,5-2-2003] ; BENZENE: (10) [40CFR 61 Subpart FF_01,12-4-2003] ; HAP: (10) [40CFR 63 Subpart CC, #2,5-25-2001] VOC: 500 PPMV (8) [40CFR 60 Subpart Kb,10-15-2003;40CFR 61 Subpart FF,12-4-2003] | H23.13, K67.6 |
| CARBON ADSORBER, TWO IN SERIES, EACH CONTAINING 6,600 LBS OF ACTIVATED CARBON A/N: 422926 | C1207 | D253 | | | D90.5, E128.1, E153.2, K67.9 |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 422926 | D1354 | | | | H23.17 |

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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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|--|--------|--------------|---|---|-------------------------|
| Process 14 : STORAGE TANKS | | | | | P13.1 |
| System 1 : FIXED ROOF TANKS | | | | | S13.5 |
| STORAGE TANK, FIXED ROOF, 81-TK-1, 25000 BBL; DIAMETER: 64 FT; HEIGHT: 45 FT A/N: 190799 | D217 | | | | B22.3, C1.1, H23.6 |
| STORAGE TANK, FIXED ROOF, 81-TK-4, 25000 BBL; DIAMETER: 64 FT; HEIGHT: 48 FT A/N: 190797 | D218 | | | | B22.3, C1.1, H23.6 |
| STORAGE TANK, FIXED ROOF, STEAM HEATED, 94-TK-909A, 2000 BBL; DIAMETER: 25 FT; HEIGHT: 24 FT A/N: 178078 | D219 | D1236 | | BENZENE: (10) [40CFR 61 Subpart FF_01,12-4-2003] ; VOC: 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003] | H23.25, K67.6 |
| STORAGE TANK, FIXED ROOF, STEAM HEATED, 94-TK-909B, 2000 BBL; DIAMETER: 25 FT; HEIGHT: 24 FT A/N: 178079 | D220 | D1236 | | BENZENE: (10) [40CFR 61 Subpart FF_01,12-4-2003] ; VOC: 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003] | H23.25, K67.6 |
| STORAGE TANK, FIXED ROOF, 48-TK-1, 20000 BBL; DIAMETER: 50 FT; HEIGHT: 58 FT A/N: 178081 | D221 | D1236 | | | B22.1, C1.24, H23.12 |
| STORAGE TANK, FIXED ROOF, 95-TK-1, EMULSIFIED OIL/SOUR WATER, FUEL GAS BLANKETED, 10000 BBL; DIAMETER: 48 FT; HEIGHT: 31 FT A/N: 178082 | D222 | D1239 | | BENZENE: (10) [40CFR 61 Subpart FF_01,12-4-2003] ; VOC: 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003] | H23.25, K67.6 |

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 (7) Denotes NSR applicability limit
 (9) See App B for Emission Limits
 (2)(2A)(2B) Denotes RECLAIM emission rate
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|---|--------|--------------|---|---|---------------|
| Process 14 : STORAGE TANKS | | | | | P13.1 |
| STORAGE TANK, FIXED ROOF, 95-TK-950, EMULSIFIED OIL/SOUR WATER, FUEL GAS BLANKETED, 10000 BBL; DIAMETER: 48 FT; HEIGHT: 31 FT A/N: 178083 | D223 | D1239 | | BENZENE: (10) [40CFR 61 Subpart FF_01,12-4-2003] ; VOC: 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003] | H23.25, K67.6 |
| STORAGE TANK, FIXED ROOF, 95-TK-952, WET SLOP OIL/SOUR WATER, FUEL GAS BLANKETED, 10000 BBL; DIAMETER: 48 FT; HEIGHT: 31 FT A/N: 178084 | D224 | D1239 | | BENZENE: (10) [40CFR 61 Subpart FF_01,12-4-2003] ; VOC: 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003] | H23.25, K67.6 |
| STORAGE TANK, FIXED ROOF, SC-631, WITH PRESSURE-VACUUM VALVE VENTED TO ATMOSPHERE, 2000 GALS; DIAMETER: 3 FT 10 IN; LENGTH: 6 FT 8 IN A/N: 207314 | D234 | | | | K67.6 |
| STORAGE TANK, FIXED ROOF, SC-803, WITH PRESSURE-VACUUM VALVE VENTED TO ATMOSPHERE, 350 GALS; DIAMETER: 2 FT 4 IN; HEIGHT: 4 FT 6 IN A/N: 207327 | D245 | | | | K67.6 |
| STORAGE TANK, FIXED ROOF, 91-P-915-TK-1, DIESEL FUEL, WITH PRESSURE-VACUUM VALVE VENTED TO ATMOSPHERE, 500 GALS; DIAMETER: 3 FT 5 IN; LENGTH: 7 FT A/N: 207348 | D251 | | | | |

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|---|--------|--------------|---|---|---------------------------------|
| Process 14 : STORAGE TANKS | | | | | P13.1 |
| STORAGE TANK, FIXED ROOF, 83-TK-5, VENTED TO VAPOR RECOVERY, 5000 BBL; DIAMETER: 36 FT; HEIGHT: 30 FT A/N: 178080 | D252 | D1236 | | BENZENE: (10) [40CFR 61 Subpart FF_01,12-4-2003] ; VOC: 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003] | B22.7, C1.23, H23.12, H23.25 |
| STORAGE TANK, FIXED ROOF, 70-TK-1, WITH PRESSURE-VACUUM VALVE VENTED TO ATMOSPHERE, 550 GALS; DIAMETER: 3 FT 8 IN; HEIGHT: 7 FT A/N: 207311 | D279 | | | | K67.6 |
| STORAGE TANK, FIXED ROOF, ANTI-FOAM DILLUTION, WITH PRESSURE-VACUUM VALVE VENTED TO ATMOSPHERE, 500 GALS; DIAMETER: 2 FT 4 IN; HEIGHT: 5 FT 6 IN A/N: 207330 | D283 | | | | K67.6 |
| STORAGE TANK, FIXED ROOF, SC-615, KEROSENE, WITH PRESSURE-VACUUM VALVE VENTED TO ATMOSPHERE, 2000 GALS; DIAMETER: 5 FT 4 IN; LENGTH: 12 FT A/N: 207326 | D974 | | | | K67.6 |
| STORAGE TANK, FIXED ROOF, SC-607, KEROSENE, WITH PRESSURE-VACUUM VALVE VENTED TO ATMOSPHERE, 1000 GALS; DIAMETER: 6 FT; LENGTH: 19 FT A/N: 207331 | D975 | | | | K67.6 |

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 (7) Denotes NSR applicability limit
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 (2)(2A)(2B) Denotes RECLAIM emission rate
 (4) Denotes BACT emission limit
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 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
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|---|--------|--------------|---|--|-------------|
| Process 14 : STORAGE TANKS | | | | | P13.1 |
| STORAGE TANK, FIXED ROOF, SC-605, 3000 GALS; DIAMETER: 7 FT; LENGTH: 10 FT 6 IN A/N: 207322 | D979 | | | | K67.6 |
| STORAGE TANK, FIXED ROOF, SC-604, DIOXYLATED PHENOLIC RESIN, 2000 GALS; DIAMETER: 5 FT; LENGTH: 12 FT A/N: 207324 | D980 | | | | K67.6 |
| STORAGE TANK, FIXED ROOF, 91-TK-9009, DIESEL FUEL, WITH PRESSURE-VACUUM VALVE VENTED TO ATMOSPHERE, 1800 GALS; DIAMETER: 5 FT; LENGTH: 12 FT A/N: 207349 | D981 | | | | K67.6 |
| STORAGE TANK, FIXED ROOF, WITH PRESSURE-VACUUM VALVE VENTED TO ATMOSPHERE, 500 GALS; DIAMETER: 3 FT 10 IN; LENGTH: 6 FT 1 IN A/N: 244612 | D982 | | | | K67.6 |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 244612 | D1355 | | | | H23.17 |
| System 2 : EXTERNAL FLOATING ROOF TANKS | | | | | S13.5 |
| STORAGE TANK, EXTERNAL FLOATING ROOF, 94-TK-9001, CRUDE OIL, WELDED SHELL, 300000 BBL; DIAMETER: 221 FT; HEIGHT: 48 FT WITH A/N: 271656 | D255 | | | HAP: (10) [40CFR 63 Subpart CC, #2,5-25-2001] | C1.2, H23.7 |

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 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|--------------|---|--|-----------------------|
| Process 14 : STORAGE TANKS | | | | | P13.1 |
| FLOATING ROOF, PONTOON PRIMARY SEAL, WIPER TYPE, TUBE TYPE SECONDARY SEAL, WIPER TYPE | | | | | |
| STORAGE TANK, EXTERNAL FLOATING ROOF, 94-TK-9002, WELDED SHELL, 300000 BBL; DIAMETER: 221 FT; HEIGHT: 48 FT WITH A/N: 262831 FLOATING ROOF, PONTOON PRIMARY SEAL, FLEX-A-SEAL SECONDARY SEAL, FLEX-A-SEAL | D256 | | | HAP: (10) [40CFR 63 Subpart CC, #2,5-25-2001] | B22.7, C1.2, H23.7 |
| STORAGE TANK, EXTERNAL FLOATING ROOF, 94-TK-9003, DIESEL FUEL, CRUDE OIL, WELDED SHELL, 100000 BBL; DIAMETER: 127 FT 6 IN; HEIGHT: 48 FT WITH A/N: 451528 FLOATING ROOF, PONTOON PRIMARY SEAL, MECHANICAL SHOE | D257 | | | HAP: (10) [40CFR 63 Subpart CC, #2,5-25-2001] | C1.38, H23.7 |

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 (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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|---|--------|--------------|---|--|---------------------|
| Process 14 : STORAGE TANKS | | | | | P13.1 |
| SECONDARY SEAL, RIM MOUNTED, WIPER TYPE GUIDEPOLE, GASKETED COVER, WITH FLOAT, SLEEVE, WIPER, SLOTTED | | | | | |
| STORAGE TANK, EXTERNAL FLOATING ROOF, 94-TK-9004, NAPHTHA, HYDROTREATED GAS OIL, GAS OIL, JET FUEL, CRUDE OIL, GASOLINE, DIESEL FUEL, WELDED TANK SHELL, 100000 BBL; DIAMETER: 127 FT 6 IN; HEIGHT: 48 FT 6 IN WITH A/N: 316377 FLOATING ROOF, PONTOON PRIMARY SEAL, METALLIC SHOE SECONDARY SEAL, RIM MOUNTED, WIPER TYPE | D258 | | | HAP: (10) [40CFR 63 Subpart CC, #2,5-25-2001] | C1.9, H23.7 |
| STORAGE TANK, EXTERNAL FLOATING ROOF, 94-TK-9005, 150000 BBL; DIAMETER: 156 FT; HEIGHT: 48 FT WITH A/N: 190793 FLOATING ROOF, PONTOON | D259 | | | HAP: (10) [40CFR 63 Subpart CC, #2,5-25-2001] | B22.2, H23.7, K67.6 |

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 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|--------------|---|--|------------------------|
| Process 14 : STORAGE TANKS | | | | | P13.1 |
| PRIMARY SEAL, CATEGORY A, MECHANICAL SHOE SECONDARY SEAL, CATEGORY A, RIM MOUNTED, WIPER TYPE | | | | | |
| STORAGE TANK, EXTERNAL FLOATING ROOF, 94-TK-9006, 150000 BBL; DIAMETER: 156 FT; HEIGHT: 48 FT WITH A/N: 190792 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, MECHANICAL SHOE SECONDARY SEAL, CATEGORY A, RIM MOUNTED, WIPER TYPE | D260 | | | HAP: (10) [40CFR 63 Subpart CC, #2,5-25-2001] | B22.4, C1.3, H23.7 |
| STORAGE TANK, EXTERNAL FLOATING ROOF, 94-TK-9007, CRUDE OIL, WELDED SHELL, 250000 BBL; DIAMETER: 201 FT 6 IN; HEIGHT: 48 FT WITH A/N: 451566 FLOATING ROOF, PONTOON PRIMARY SEAL, LIQUID MOUNTED | D261 | | | HAP: (10) [40CFR 63 Subpart CC, #2,5-25-2001] | B22.9, C1.40, H23.7 |

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 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|---|--------|--------------|---|---|---------------------|
| Process 14 : STORAGE TANKS | | | | | P13.1 |
| SECONDARY SEAL, RIM MOUNTED, WIPER TYPE GUIDEPOLE, GASKETED COVER, WITH FLOAT, SLEEVE, WIPER, SLOTTED | | | | | |
| STORAGE TANK, EXTERNAL FLOATING ROOF, 94-TK-9008, WELDED SHELL, 100000 BBL; DIAMETER: 127 FT 6 IN; HEIGHT: 48 FT WITH A/N: 289211 FLOATING ROOF, PONTOON PRIMARY SEAL, LIQUID MOUNTED SECONDARY SEAL, RIM MOUNTED | D262 | | | HAP: (10) [40CFR 63 Subpart CC, #3A,5-25-2001] | B22.8, C1.20, H23.7 |
| STORAGE TANK, EXTERNAL FLOATING ROOF, 94-TK-9009, CRUDE OIL, WELDED SHELL, 250000 BBL; DIAMETER: 210 FT 6 IN; HEIGHT: 48 FT WITH A/N: 229846 FLOATING ROOF, PONTOON | D263 | | | HAP: (10) [40CFR 63 Subpart CC, #2,5-25-2001] | C1.21, H23.7 |

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 (7) Denotes NSR applicability limit
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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|---|--------|--------------|---|--|-----------------------|
| Process 14 : STORAGE TANKS | | | | | P13.1 |
| PRIMARY SEAL, CATEGORY A, MECHANICAL SHOE SECONDARY SEAL, CATEGORY A, RIM MOUNTED, WIPER TYPE | | | | | |
| STORAGE TANK, EXTERNAL FLOATING ROOF, 94-TK-9010, 50000 BBL; DIAMETER: 90 FT 6 IN; HEIGHT: 48 FT WITH A/N: 190796 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, MECHANICAL SHOE SECONDARY SEAL, CATEGORY A, RIM MOUNTED, WIPER TYPE | D264 | | | HAP: (10) [40CFR 63 Subpart CC, #2,5-25-2001] | B22.5, C1.4, H23.7 |
| STORAGE TANK, EXTERNAL FLOATING ROOF, 94-TK-9011, JET FUEL (JPA), FCC GASOLINE BLEND, WELDED SHELL, 50000 BBL; DIAMETER: 90 FT 6 IN; HEIGHT: 48 FT WITH A/N: 449917 FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, MECHANICAL SHOE | D265 | | | HAP: (10) [40CFR 63 Subpart CC, #2,5-25-2001] | C1.22, H23.7 |

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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|--|--------|--------------|---|---|--------------|
| Process 14 : STORAGE TANKS | | | | | P13.1 |
| SECONDARY SEAL, CATEGORY A, RIM MOUNTED, WIPER TYPE | | | | | |
| STORAGE TANK, EXTERNAL FLOATING ROOF, 94-TK-9012, NAPHTHA, HYDROTREATED GAS OIL, GAS OIL, JET FUEL, GASOLINE, CRUDE OIL, DIESEL FUEL, WELDED SHELL, 100000 BBL; DIAMETER: 127 FT 6 IN; HEIGHT: 48 FT WITH A/N: 315757 FLOATING ROOF, PONTOON PRIMARY SEAL, LIQUID MOUNTED SECONDARY SEAL, WIPER TYPE, RIM MOUNTED | D266 | | | HAP: (10) [40CFR 63 Subpart CC, #2,5-25-2001] | C1.5, H23.7 |
| STORAGE TANK, EXTERNAL FLOATING ROOF, 82-TK-1, RAFFINATE, ALKYLATE, GASOLINE, MTBE, 100000 BBL; DIAMETER: 127 FT 6 IN; HEIGHT: 48 FT WITH A/N: FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, CATEGORY A, METALLIC SHOE | D268 | | | HAP: (10) [40CFR 63 Subpart CC, #3A,5-25-2001] | C1.12, H23.6 |

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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

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|--|--------|--------------|---|---|--------------|
| Process 14 : STORAGE TANKS | | | | | P13.1 |
| SECONDARY SEAL, CATEGORY A, RIM MOUNTED, DOUBLE WIPER GUIDEPOLE, GASKETED COVER, WITH FLOAT, SLEEVE, WIPER, SLOTTED | | | | | |
| STORAGE TANK, EXTERNAL FLOATING ROOF, 82-TK-2, 100000 BBL; DIAMETER: 127 FT 6 IN; HEIGHT: 48 FT WITH A/N: FLOATING ROOF, PONTOON PRIMARY SEAL, WIPER TYPE SECONDARY SEAL, WIPER TYPE | D269 | | | HAP: (10) [40CFR 63 Subpart CC, #3A,5-25-2001] | C1.12, H23.6 |
| STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 82-TK-3, GASOLINE, GASOLINE BLENDING PRODUCTS, WELDED SHELL, 100000 BBL; DIAMETER: 127 FT 6 IN; HEIGHT: 48 FT WITH A/N: 450310 DOME COVER, GEODESIC FLOATING ROOF, PONTOON | D270 | | | HAP: (10) [40CFR 63 Subpart CC, #3A,5-25-2001] | C1.12, H23.6 |

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|---|--------|--------------|---|---|---------------------|
| Process 14 : STORAGE TANKS | | | | | P13.1 |
| PRIMARY SEAL, MECHANICAL SHOE SECONDARY SEAL, RIM MOUNTED, WIPER TYPE GUIDEPOLE, GASKETED COVER, WITH POLE WIPER, POLE SLEEVE, POLE FLOAT, AND POLE FLOAT WIPER, SLOTTED | | | | | |
| STORAGE TANK, EXTERNAL FLOATING ROOF, 82-TK-4, 50000 BBL; DIAMETER: 91 FT; HEIGHT: 48 FT WITH A/N: FLOATING ROOF, PONTOON PRIMARY SEAL, WIPER TYPE SECONDARY SEAL, WIPER TYPE | D271 | | | HAP: (10) [40CFR 63 Subpart CC, #3A,5-25-2001] | B22.7, C1.18, H23.6 |
| STORAGE TANK, EXTERNAL FLOATING ROOF, 82-TK-7, 5000 BBL; DIAMETER: 36 FT; HEIGHT: 32 FT WITH A/N: 178067 FLOATING ROOF, PONTOON PRIMARY SEAL, WIPER TYPE | D272 | | | HAP: (10) [40CFR 63 Subpart CC, #2,5-25-2001] | B22.7, C1.19, H23.6 |

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 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
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|--|--------|--------------|---|--|---------------------|
| Process 14 : STORAGE TANKS | | | | | P13.1 |
| SECONDARY SEAL, WIPER TYPE | | | | | |
| STORAGE TANK, EXTERNAL FLOATING ROOF, 82-TK-8, 5000 BBL; DIAMETER: 36 FT; HEIGHT: 32 FT WITH A/N: 241253 FLOATING ROOF, PONTOON PRIMARY SEAL, WIPER TYPE SECONDARY SEAL, WIPER TYPE | D273 | | | HAP: (10) [40CFR 63 Subpart CC, #2,5-25-2001] | B22.7, C1.19, H23.6 |
| STORAGE TANK, EXTERNAL FLOATING ROOF, 81-TK-3, 50000 BBL; DIAMETER: 90 FT 6 IN; HEIGHT: 48 FT WITH A/N: 190798 FLOATING ROOF, PONTOON PRIMARY SEAL, WIPER TYPE SECONDARY SEAL, WIPER TYPE | D274 | | | HAP: (10) [40CFR 63 Subpart CC, #2,5-25-2001] | B22.2, H23.6, K67.6 |
| STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 94-TK-900, WELDED SHELL, 55000 BBL; DIAMETER: 98 FT; HEIGHT: 44 FT 8 IN WITH A/N: 450309 | D275 | | | HAP: (10) [40CFR 63 Subpart CC, #2,5-25-2001] | H23.6, K67.6 |

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 (5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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|--|--------|--------------|---|---------------------------------|------------|
| Process 14 : STORAGE TANKS | | | | | P13.1 |
| DOME COVER, GEODESIC FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, MECHANICAL SHOE SECONDARY SEAL, CATEGORY A, RIM MOUNTED, DOUBLE WIPER GUIDEPOLE, GASKETED COVER, WITH POLE WIPER, POLE SLEEVE, POLE FLOAT, AND POLE FLOAT WIPER, SLOTTED | | | | | |
| STORAGE TANK, EXTERNAL FLOATING ROOF, 94-TK-901, SLOP OIL, 20000 BBL; DIAMETER: 57 FT; HEIGHT: 47 FT WITH A/N: 178065 FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, WIPER TYPE SECONDARY SEAL, WIPER TYPE | D276 | | | | K67.6 |

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 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
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| Process 14 : STORAGE TANKS | | | | | P13.1 |
| STORAGE TANK, 94-TK-902, 20000 BBL; DIAMETER: 54 FT; HEIGHT: 52 FT 5 IN WITH A/N: 178062 FLOATING ROOF, PONTOON PRIMARY SEAL, MECHANICAL SHOE SECONDARY SEAL, WIPER TYPE | D277 | | | | K67.6 |
| STORAGE TANK, 94-TK-903, 35000 BBL; DIAMETER: 71 FT; HEIGHT: 52 FT WITH A/N: FLOATING ROOF, PONTOON PRIMARY SEAL, METALLIC SHOE SECONDARY SEAL, WIPER TYPE | D278 | | | HAP: (10) [40CFR 63 Subpart CC, #2,5-25-2001] | K67.6 |
| STORAGE TANK, EXTERNAL FLOATING ROOF, 82-TK-9, RAFFINATE, MTBE, ALKYLATE, GASOLINE, 100000 BBL; DIAMETER: 130 FT 6 IN; HEIGHT: 48 FT WITH A/N: FLOATING ROOF, DOUBLE DECK | D448 | | | HAP: (10) [40CFR 63 Subpart CC, #3A,5-25-2001] | C1.29, C1.30, H23.11 |

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 (6) Denotes air toxic control rule limit
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|--|--------|--------------|---|--|--------------|
| Process 14 : STORAGE TANKS | | | | | P13.1 |
| PRIMARY SEAL, CATEGORY A, METALLIC SHOE SECONDARY SEAL, CATEGORY B OR BETTER, RIM MOUNTED, WIPER TYPE GUIDEPOLE, GASKETED COVER, WITH FLOAT, SLEEVE, WIPER, SLOTTED | | | | | |
| STORAGE TANK, EXTERNAL FLOATING ROOF, 94-TK-9030, GASOLINE, CRUDE, GAS OIL, NAPHTHA, 150000 BBL; DIAMETER: 140 FT; HEIGHT: 56 FT WITH A/N: FLOATING ROOF, PONTOON PRIMARY SEAL, METALLIC SHOE SECONDARY SEAL, WIPER TYPE | D864 | | | HAP: (10) [40CFR 63 Subpart CC, #3A,5-25-2001] | C1.8, H23.11 |
| STORAGE TANK, EXTERNAL FLOATING ROOF, 94-TK-9031, GASOLINE, CRUDE, GAS OIL, NAPHTHA, WELDED TANK SHELL, 150000 BBL; DIAMETER: 140 FT; HEIGHT: 56 FT WITH A/N: | D868 | | | HAP: (10) [40CFR 63 Subpart CC, #3A,5-25-2001] | C1.8, H23.11 |

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 (4) Denotes BACT emission limit
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 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
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|--|--------|--------------|---|---------------------------------|------------|
| Process 14 : STORAGE TANKS | | | | | P13.1 |
| FLOATING ROOF, PONTOON | | | | | |
| PRIMARY SEAL, METALLIC SHOE | | | | | |
| SECONDARY SEAL, WIPER TYPE | | | | | |
| System 3 : PRESSURE TANKS, LPG STORAGE | | | | | |
| STORAGE TANK, PRESSURIZED, 82-V-1, PROPANE, 88200 GALS; DIAMETER: 10 FT 10 IN; LENGTH: 133 FT A/N: 190788 | D288 | C400 | | | |
| STORAGE TANK, PRESSURIZED, 82-V-2, PROPANE, LIQUIFIED PETROLEUM GAS, 88200 GALS; DIAMETER: 10 FT 10 IN; LENGTH: 133 FT A/N: 190786 | D289 | C400 | | | |
| STORAGE TANK, PRESSURIZED, 82-V-3, PROPANE, LIQUIFIED PETROLEUM GAS, 88200 GALS; DIAMETER: 10 FT 10 IN; LENGTH: 133 FT A/N: 190787 | D290 | C400 | | | |
| STORAGE TANK, PRESSURIZED, 82-V-4, PROPANE, LIQUIFIED PETROLEUM GAS, 88200 GALS; DIAMETER: 10 FT 10 IN; LENGTH: 133 FT A/N: 190785 | D291 | C400 | | | |

* (1)(1A)(1B) Denotes RECLAIM emission factor
 (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|--------------|---|---------------------------------|------------|
| Process 14 : STORAGE TANKS | | | | | P13.1 |
| STORAGE TANK, PRESSURIZED, 82-V-5, PROPANE, LIQUIFIED PETROLEUM GAS, 88200 GALS; DIAMETER: 10 FT 10 IN; LENGTH: 133 FT A/N: 190784 | D292 | C400 | | | |
| STORAGE TANK, PRESSURIZED, 82-V-14, PROPANE, LIQUIFIED PETROLEUM GAS, 63000 GALS; DIAMETER: 10 FT 10 IN; LENGTH: 86 FT 6 IN A/N: 190789 | D293 | C400 | | | |
| STORAGE TANK, PRESSURIZED, 82-V-15, NATURAL GAS, LIQUIFIED PETROLEUM GAS, 63000 GALS; DIAMETER: 10 FT 10 IN; LENGTH: 86 FT 6 IN A/N: 190790 | D294 | C400 | | | |
| STORAGE TANK, PRESSURIZED, 94-V-500, PROPANE, 42000 GALS; DIAMETER: 10 FT; LENGTH: 74 FT 10 IN A/N: 190791 | D295 | | | | |
| STORAGE TANK, PRESSURIZED, 94-V-501, 42000 GALS; DIAMETER: 10 FT; HEIGHT: 74 FT 10 IN A/N: 190783 | D296 | | | | |

* (1)(1A)(1B) Denotes RECLAIM emission factor
 (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|---|--------|--------------|---|--|-----------------------------|
| Process 14 : STORAGE TANKS | | | | | P13.1 |
| System 4 : MOBILE TANKS | | | | | |
| STORAGE TANK, FIXED ROOF, MOBILE, BAKER TYPE, NO. UR-7, WASTE WATER, VAPOR TIGHT WITH ONE P/V RELIEF VALVE, 21000 GALS; WIDTH: 8 FT; HEIGHT: 12 FT 6 IN; LENGTH: 35 FT A/N: 307864 | D307 | C308 | | BENZENE: 15 PPMV (6) [RULE 1401,3-4-2005] ; BENZENE: (10) [40CFR 61 Subpart FF_01,12-4-2003] ; H2S: 10 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996 <i>RULE 1303(a)(1)-BACT,12-6-2002] ; HAP:</i> (10) [40CFR 63 Subpart CC, #2,5-25-2001] ; VOC: 500 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996 <i>RULE 1303(a)(1)-BACT,12-6-2002] ; VOC:</i> 500 PPMV (8) [40CFR 60 Subpart Kb,10-15-2003;40CFR 61 Subpart FF,12-4-2003] | B22.6, C1.6, H23.14, H23.25 |
| CARBON ADSORBER, 55 GAL CANISTER, CONTAINING AT LEAST 150 LBS OF ACTIVATED CARBON A/N: 307864 | C308 | D307 C612 | | | D90.1, E153.1 |
| STORAGE TANK, FIXED ROOF, MOBILE, BAKER TYPE, NO. UR-8, WASTE WATER, VAPOR TIGHT WITH ONE P/V RELIEF VALVE, 21000 GALS; WIDTH: 8 FT; HEIGHT: 12 FT 6 IN; LENGTH: 35 FT A/N: 307863 | D309 | C310 | | BENZENE: 15 PPMV (6) [RULE 1401,3-4-2005] ; BENZENE: (10) [40CFR 61 Subpart FF_01,12-4-2003] ; H2S: 10 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996 | B22.6, C1.6, H23.14, H23.25 |

* (1)(1A)(1B) Denotes RECLAIM emission factor (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements
 ** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|--------------|---|---|---------------|
| Process 14 : STORAGE TANKS | | | | | P13.1 |
| | | | | <i>RULE 1303(a)(1)-BACT,12-6-2002</i> ; HAP: (10) [40CFR 63 Subpart CC, #2,5-25-2001] ; VOC: 500 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996 <i>RULE 1303(a)(1)-BACT,12-6-2002</i> ; VOC: 500 PPMV (8) [40CFR 60 Subpart Kb,10-15-2003;40CFR 61 Subpart FF,12-4-2003] | |
| CARBON ADSORBER, 55 GAL CANISTER, CONTAINING AT LEAST 150 LBS OF ACTIVATED CARBON A/N: 307863 | C310 | D309 C613 | | | D90.1, E153.1 |
| CARBON ADSORBER, 55 GAL CANISTER, CONTAINING AT LEAST 150 LBS OF ACTIVATED CARBON A/N: 307864 | C612 | C308 | | | D90.1, E153.1 |
| CARBON ADSORBER, 55 GAL CANISTER, CONTAINING AT LEAST 150 LBS OF ACTIVATED CARBON A/N: 307863 | C613 | C310 | | | D90.1, E153.1 |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 307864 | D1357 | | | | H23.17 |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 307863 | D1358 | | | HAP: (10) [40CFR 63 Subpart CC, #5A,5-25-2001] | H23.17 |

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 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|---|--------|--------------|---|---------------------------------|-------------------------------|
| Process 14 : STORAGE TANKS | | | | | P13.1 |
| System 5 : PRESSURE TANKS, BUTANE STORAGE | | | | | S4.4, S13.4, S15.12, S31.5 |
| STORAGE TANK, PRESSURIZED, 81-V-5, BUTANE, 199920 GALS; DIAMETER: 37 FT 1 IN A/N: 190780 | D284 | | | | |
| STORAGE TANK, PRESSURIZED, 81-V-6, BUTANE, 168000 GALS; DIAMETER: 36 FT 3 IN A/N: 190779 | D285 | | | | |
| STORAGE TANK, PRESSURIZED, 81-V-7, BUTANE, 199920 GALS; DIAMETER: 37 FT 1 IN A/N: 190778 | D286 | | | | |
| STORAGE TANK, PRESSURIZED, 81-V-8, BUTANE, 199920 GALS; DIAMETER: 37 FT 1 IN A/N: 190782 | D287 | | | | |
| STORAGE TANK, PRESSURIZED, 81-V-3, BUTANE, SPHERICAL, 199920 GALS; DIAMETER: 37 FT 1 IN A/N: 190781 | D978 | | | | |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 190781 | D1442 | | | | H23.17 |

* (1)(1A)(1B) Denotes RECLAIM emission factor
 (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|---|--------|--------------|---|--|-----------------------------------|
| Process 14 : STORAGE TANKS | | | | | P13.1 |
| System 6 : PRESSURE TANKS, OTHER | | | | | S15.12 |
| STORAGE TANK, PRESSURIZED, 33-V-1, AQUEOUS AMMONIA, 9000 GALS; DIAMETER: 9 FT; HEIGHT: 19 FT A/N: 281825 | D449 | | | | E144.1 |
| System 7 : INTERNAL FLOATING ROOF TANKS | | | | | S13.5, S31.6 |
| STORAGE TANK, INTERNAL FLOATING ROOF, 82-TK-11, 150000 BBL; DIAMETER: 150 FT; HEIGHT: 58 FT WITH A/N: 411695 FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, CATEGORY A, MECHANICAL SHOE SECONDARY SEAL, CATEGORY A, RIM MOUNTED FLEX-A-SEAL SINGLE WIPER GUIDEPOLE, GASKETED COVER, WITH FLOAT, SLEEVE, WIPER, SLOTTED | D1460 | | | HAP: (10) [40CFR 63 Subpart CC, #2,5-25-2001] | B59.1, C1.32, C6.1, H23.11, K67.7 |

* (1)(1A)(1B) Denotes RECLAIM emission factor
 (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|--------------|---|---|---------------------|
| Process 14 : STORAGE TANKS | | | | | P13.1 |
| System 9 : DOMED EXTERNAL FLOATING ROOF TANKS | | | | | S13.12 |
| STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 94-TK-9013, WELDED SHELL, 30000 BBL; DIAMETER: 70 FT; HEIGHT: 48 FT WITH A/N: 450311 DOME COVER, GEODESIC FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, MECHANICAL SHOE SECONDARY SEAL, CATEGORY A, RIM-MOUNTED DOUBLE WIPER GUIDEPOLE, GASKETED COVER, WITH POLE WIPER, POLE SLEEVE, POLE FLOAT, AND POLE FLOAT WIPER, SLOTTED | D267 | | | HAP: (10) [40CFR 63 Subpart CC, #3A,5-25-2001] | B59.2, C1.7, H23.11 |
| STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 82-TK-3, GASOLINE, GASOLINE BLENDING PRODUCTS, WELDED SHELL, 100000 BBL; DIAMETER: 127 FT 6 IN; HEIGHT: 48 FT WITH A/N: 450310 | D270 | | | HAP: (10) [40CFR 63 Subpart CC, #3A,5-25-2001] | C1.12, H23.6 |

* (1)(1A)(1B) Denotes RECLAIM emission factor
 (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|--------------|---|--|--------------|
| Process 14 : STORAGE TANKS | | | | | P13.1 |
| DOME COVER, GEODESIC FLOATING ROOF, PONTOON PRIMARY SEAL, MECHANICAL SHOE SECONDARY SEAL, RIM MOUNTED, WIPER TYPE GUIDEPOLE, GASKETED COVER, WITH POLE WIPER, POLE SLEEVE, POLE FLOAT, AND POLE FLOAT WIPER, SLOTTED | | | | | |
| STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 94-TK-900, WELDED SHELL, 55000 BBL; DIAMETER: 98 FT; HEIGHT: 44 FT 8 IN WITH A/N: 450309 DOME COVER, GEODESIC FLOATING ROOF, PONTOON PRIMARY SEAL, CATEGORY A, MECHANICAL SHOE | D275 | | | HAP: (10) [40CFR 63 Subpart CC, #2,5-25-2001] | H23.6, K67.6 |

* (1)(1A)(1B) Denotes RECLAIM emission factor
 (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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|---|--------|--------------|--|---|-----------------------------|
| Process 14 : STORAGE TANKS | | | | | P13.1 |
| SECONDARY SEAL, CATEGORY A, RIM MOUNTED, DOUBLE WIPER GUIDEPOLE, GASKETED COVER, WITH POLE WIPER, POLE SLEEVE, POLE FLOAT, AND POLE FLOAT WIPER, SLOTTED | | | | | |
| Process 15 : STEAM GENERATION | | | | | |
| System 1 : BOILER | | | | | |
| BOILER, 86-B-9000, REFINERY GAS, WITH LOW NOX BURNER, 39 MMBTU/HR WITH A/N: 329705 BURNER, REFINERY GAS, ZURN, MODEL MJ-21, ONE BURNER, 39 MMBTU/HR | D377 | | NOX: LARGE SOURCE**; SOX: MAJOR SOURCE** | CO: 2000 PPMV (5A) [RULE 407,4-2-1982] ; CO: 400 PPMV (5) [RULE 1146,11-17-2000] ; NOX: 125 PPMV (3) [RULE 2012,5-6-2005] PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] | B61.2, D28.11, D90.3, H23.5 |

* (1)(1A)(1B) Denotes RECLAIM emission factor
 (3) Denotes RECLAIM concentration limit
 (5)(5A)(5B) Denotes command and control emission limit
 (7) Denotes NSR applicability limit
 (9) See App B for Emission Limits
 (2)(2A)(2B) Denotes RECLAIM emission rate
 (4) Denotes BACT emission limit
 (6) Denotes air toxic control rule limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (10) See Section J for NESHAP/MACT requirements
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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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|--|--------|--------------|--|---|-------------------------------------|
| Process 15 : STEAM GENERATION | | | | | |
| System 2 : BOILER | | | | | |
| BOILER, 86-B-9001, REFINERY GAS, 127.8 MMBTU/HR A/N: 177991 | D378 | C379 | NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE** | CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; PM: 0.01 GRAINS/SCF (5B) [RULE 476,10-8-1976] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] PM: 11 LBS/HR (5A) [RULE 476,10-8-1976] | A327.1, B61.2, D90.3, D328.1, H23.5 |
| SELECTIVE CATALYTIC REDUCTION, UOP/SHELL, MODEL #SFGT-N, WITH 200 HP BLOWER A/N: 177992 | C379 | D378 | | NH3: 20 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996;RULE 1303(a)(1)-BACT,12-6-2002] | D28.13 |
| Process 17 : AIR POLLUTION CONTROL | | | | | |
| System 1 : VAPOR RECOVERY UNIT | | | | | |
| KNOCK OUT POT, SEPARATOR, 93-V-9004, 1ST STAGE KNOCKOUT, LENGTH: 14 FT; DIAMETER: 6 FT A/N: | D398 | | | | |
| COMPRESSOR, VAPOR RECOVERY STANDBY, 93-C-400C, 2.366 MMSCFD, 400 HP, 1 STAGE A/N: | D548 | | | | |
| COMPRESSOR, 93-C-9001A/B, VAPOR RECOVERY, 233,000 SCFH, 1250 HP, 2-STAGE A/N: | D549 | | | | |
| | | | | | S4.8, S15.6, S18.2 |

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 (5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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|--|--------|---|---|---|--|
| Process 17 : AIR POLLUTION CONTROL | | | | | |
| VESSEL, 93-V-9007, COMPRESSOR DISCHARGE KNOCKOUT, LENGTH: 10 FT; DIAMETER: 3 FT 6 IN A/N: | D396 | | | | |
| EJECTOR, 93-EJ-9001, COMPRESSOR PACKING VENT A/N: | D1299 | | | | H23.1 |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: | D872 | | | | H23.17 |
| System 2 : LPG EMERGENCY FLARE UNIT | | | | | S18.9 |
| KNOCK OUT POT, FLARE, 82-V-16, HEIGHT: 16 FT; DIAMETER: 8 FT A/N: 182240 | D399 | | | | |
| FLARE, 82-FT-1, JOHN ZINK, MODEL EEF-LH-915-23, LPG EMERGENCY, AIR ASSISTED, HEIGHT: 76 FT; DIAMETER: 8 FT A/N: 182240 | C400 | D288 D289 D290 D291 D292 D293 D294 | | H2S: 160 PPMV (8) [40CFR 60 Subpart J,10-4-1991] | D12.8, D323.2, E193.2, H23.30 |
| System 3 : REFINERY RELIEF AND PHASE 0 FLARE UNIT | | | | | S18.8 |
| FLARE, ELEVATED WITH STEAM INJECTION, 89-FT-900, PHASE 0, CALLIDUS, MODEL BTZ-US-24,, NATURAL GAS, WITH AIR INGRESS PREVENTION DEVICE, MODEL BTZ-VS-24, 18 STEAM JETS, DIAMETER: 2 FT A/N: 420477 | C401 | | | H2S: 160 PPMV (8) [40CFR 60 Subpart J,10-4-1991] | C1.13, D12.8, D323.2, E193.2, H23.30, 11.1 |

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 (5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)
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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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|---|--------|--------------|---|---------------------------------|---------------|
| Process 17 : AIR POLLUTION CONTROL | | | | | |
| DRUM, 89-V-9006, PHASE 0 FLARE WATER SEAL, LENGTH: 12 FT; DIAMETER: 7 FT A/N: 420477 | D405 | | | | |
| DRUM, LIQUID BLOWDOWN, 89-V-9004, LENGTH: 16 FT; DIAMETER: 8 FT A/N: 420477 | D407 | | | | |
| DRUM, LIQUID BLOWDOWN, 75-V-3, LENGTH: 20 FT; DIAMETER: 10 FT A/N: 420477 | D408 | D42 | | | |
| System 4 : ACID GAS FLARE UNIT | | | | | |
| KNOCK OUT POT, FLARE, 40-V-06, LENGTH: 8 FT; DIAMETER: 3 FT 8 IN A/N: 178004 | D409 | | | | |
| System 10 : GASOLINE TANK TRUCK LOADING VAPOR RECOVERY SYSTEM | | | | | |
| CARBON ADSORBER, CARBON ADSORPTION, 53-ME-12-V-1A&B, WITH PRV VENTED TO ATMOSPHERE, HEIGHT: 6 FT 6 IN; DIAMETER: 5 FT 6 IN A/N: 286678 | C1029 | D198 | | | D12.3, D232.1 |
| VESSEL, SEPARATOR, 53-ME-12-V-2, HEIGHT: 8 FT; DIAMETER: 2 FT A/N: 286678 | D1030 | | | | |
| ABSORBER, 53-ME-12-V-3, HEIGHT: 17 FT; DIAMETER: 2 FT 2 IN A/N: 286678 | D1031 | | | | |

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 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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|---|--------|---|---|---|------------|
| Process 17 : AIR POLLUTION CONTROL | | | | | |
| PUMP, 53-ME-12-P-3, VACUUM, WITH PACKED SEAL AND 40 HP MOTOR A/N: 286678 | D1035 | | | | |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 286678 | D1365 | | | HAP: (10) [40CFR 63 Subpart CC, #5A,5-25-2001] | H23.17 |
| System 11 : VAPOR RECOVERY SYSTEM SERVING WASTEWATER SYSTEM | | | | | S18.1 |
| POT, 95-V-9001, VAPOR RECOVERY DRAIN, HEIGHT: 4 FT; DIAMETER: 2 FT A/N: 331526 | D1237 | | | | |
| EJECTOR, 95-EJ-1A, STEAM, SIZE: 3" A/N: 331526 | D1235 | D1 D201 D209 D212 D213 D214 D404 D881 D882 D1000 D1240 D1241 | | | |
| EJECTOR, 95-EJ-1B, STEAM, SIZE: 3" A/N: 331526 | D1236 | D201 D219 D220 D221 D252 D404 | | | |
| POT, 95-V-9002, VAPOR RECOVERY DRAIN, HEIGHT: 5 FT; DIAMETER: 2 FT A/N: 331526 | D1238 | | | | |
| EJECTOR, 89-EJ-1, STEAM, SIZE: 3" A/N: 331526 | D1239 | D222 D223 D224 D404 | | | |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 331526 | D1366 | | | HAP: (10) [40CFR 63 Subpart CC, #5A,5-25-2001] | H23.17 |

* (1)(1A)(1B) Denotes RECLAIM emission factor
 (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|---|--------|----------------------|---|---|---|
| Process 17 : AIR POLLUTION CONTROL | | | | | |
| System 13 : REFINERY RELIEF AND PHASE II FLARE UNIT | | | | | S18.8 |
| FLARE, ELEVATED WITH STEAM INJECTION, PHASE II, 75-FT-1, CALLIDUS, MODEL BTZ-US-30,, NATURAL GAS, WITH AIR INGRESS PREVENTION DEVICE, MODEL BTZ-VS-30, 18 STEAM JETS,, DIAMETER: 2 FT 6 IN A/N: 420477 | C403 | | | H2S: 160 PPMV (8) [40CFR 60 Subpart J,10-4-1991] | C1.13, D12.8, D323.2, E193.2, H23.5, H23.30, I1.1 |
| DRUM, 75-V-1, PHASE II FLARE WATER SEAL, LENGTH: 30 FT; DIAMETER: 12 FT A/N: 420477 | D406 | | | | |
| System 14 : REFINERY RELIEF AND PHASE I FLARE UNIT | | | | | S18.8 |
| FLARE, ELEVATED WITH STEAM INJECTION, PHASE I, 89-FT-9000, CALLIDUS, MODEL BTZ-US-30,, NATURAL GAS, WITH AIR INGRESS PREVENTION DEVICE, MODEL BTZ-VS-30, 18 STEAM JETS,, DIAMETER: 2 FT 6 IN A/N: 420477 | C402 | | | H2S: 160 PPMV (8) [40CFR 60 Subpart J,10-4-1991] | C1.13, D12.8, D323.2, E193.2, H23.5, H23.30, I1.1 |
| DRUM, 89-V-9002, PHASE I FLARE WATER SEAL, LENGTH: 32 FT; DIAMETER: 11 FT A/N: 420477 | D404 | D1235 D1236 D1239 | | | |

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 (4) Denotes BACT emission limit
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 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|--------------|---|---------------------------------|----------------------|
| Process 17 : AIR POLLUTION CONTROL | | | | | |
| System 46 : AMINE REGENERATION UNIT 46 | | | | | S13.2, S15.12, S15.4 |
| REGENERATOR, 46-V-4008, AMINE, HEIGHT: 9 FT 10 IN; DIAMETER: 2 FT 6 IN A/N: | D650 | | | | E336.3 |
| TANK, SURGE, 46-V-4010, AMINE, HEIGHT: 28 FT; DIAMETER: 6 FT A/N: | D651 | | | | |
| COLUMN, 46-V-4007, AMINE REGENERATOR, HEIGHT: 63 FT; DIAMETER: 4 FT A/N: | D1255 | | | | |
| VESSEL, 46-V-4011, CONDENSATE POT, LENGTH: 6 FT; DIAMETER: 2 FT A/N: | D1256 | | | | |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: | D1368 | | | | H23.17 |
| System 50 : PHASE II AMINE TREATING UNIT 50 | | | | | S13.2, S15.12, S15.5 |
| ABSORBER, 50-V-1, AMINE, HEIGHT: 65 FT; DIAMETER: 3 FT A/N: 178020 | D151 | | | | |
| SCRUBBER, 50-V-3, HEIGHT: 10 FT; DIAMETER: 4 FT A/N: 178020 | D174 | | | | |

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 (5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|---|--------|--------------|---|---------------------------------|------------|
| Process 17 : AIR POLLUTION CONTROL | | | | | |
| ABSORBER, 50-ME-1-V-1, GLYCOL, HEIGHT: 13 FT 6 IN; DIAMETER: 2 FT 6 IN A/N: 178020 | D175 | | | | |
| VESSEL, SEPARATOR, 50-ME-1-V-4, THREE PHASE, HEIGHT: 5 FT; DIAMETER: 1 FT 8 IN A/N: 178020 | D176 | | | | |
| SCRUBBER, 50-V-6, HEIGHT: 27 FT; DIAMETER: 3 FT A/N: 178020 | D563 | | | | |
| COLUMN, 50-ME-1-V-2, STILL REFLUX, HEIGHT: 8 FT; DIAMETER: 1 FT 2 IN A/N: 178020 | D1300 | | | | |
| DRUM, 50-ME-1-V-3, GLYCOL SURGE DRUM, HEIGHT: 24 FT; DIAMETER: 2 FT A/N: 178020 | D1301 | | | | |
| DRUM, 50-V-2, FUEL GAS KNOCKOUT, HEIGHT: 9 FT; DIAMETER: 3 FT A/N: 178087 | D1302 | | | | |
| DRUM, 50-V-4, CAUSTIC KNOCKOUT, HEIGHT: 8 FT; DIAMETER: 2 FT A/N: 178020 | D1303 | | | | |
| SUMP, 50-SMP-1, AMINE, WIDTH: 8 FT; DEPTH: 12 FT; LENGTH: 8 FT A/N: 178087 | D1304 | | | | |

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 (4) Denotes BACT emission limit
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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|---|--------|--------------|---|---------------------------------|--------------------------------|
| Process 17 : AIR POLLUTION CONTROL | | | | | |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 178020 | D1369 | | | | H23.17 |
| System 88 : FUEL GAS MIXING | | | | | S15.12 |
| KNOCK OUT POT, 88-V-903, FUEL GAS, HEIGHT: 6 FT; DIAMETER: 3 FT A/N: 423247 | D1406 | | | | |
| SCRUBBER, 88-V--9003, CAUSTIC, HEIGHT: 8 FT; DIAMETER: 4 FT A/N: 423247 | D1407 | | | | |
| DRUM, 88-V-9015, FUEL GAS MIXING, HEIGHT: 10 FT; DIAMETER: 7 FT A/N: 423247 | D1408 | | | | |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 423247 | D1418 | | | | H23.17 |
| System 97 : AMINE TREATING UNIT 97 | | | | | S13.2, S15.5, S15.12, S18.4 |
| REGENERATOR, AMINE, 97-V-406, HEIGHT: 60 FT; DIAMETER: 2 FT 6 IN A/N: 256881 | D170 | | | | |
| KNOCK OUT POT, 97-V-414, AMINE STRIPPER, HEIGHT: 5 FT 6 IN; DIAMETER: 2 FT A/N: 256881 | D1296 | | | | |
| SCRUBBER, 97-V-4, FLARE GAS, HEIGHT: 27 FT; DIAMETER: 4 FT 1 IN A/N: 256881 | D1297 | | | | |

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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|--------------|--|--|--|
| Process 17 : AIR POLLUTION CONTROL | | | | | |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 256881 | D1370 | | | | H23.17 |
| Process 19 : PETROLEUM MISCELLANEOUS | | | | | |
| System 1 : FUEL DISPENSING STATION | | | | | |
| FUEL DISPENSING NOZZLE, BALANCE TYPE PHASE II CONTROL, TWO, GASOLINE A/N: | D983 | | | | D330.1, J110.1 |
| FUEL DISPENSING NOZZLE, NO PHASE II CONTROL, TWO, DIESEL FUEL A/N: | D984 | | | | |
| STORAGE TANK, UNDERGROUND, DUAL COMPARTMENT, DIESEL, 8000 GALS, GASOLINE, METHANOL COMPATIBLE, 12000 GALS A/N: | D990 | | | | J109.1 |
| System 2 : EMERGENCY EQUIPMENT | | | | | |
| INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, CATERPILLAR, MODEL 3512B-DITA, WITH AFTERCOOLER, TURBOCHARGER, 1807 BHP A/N: 375761 | D1305 | | NOX: PROCESS UNIT**; SOX: PROCESS UNIT** | NOX: 6.9 GRAM/BHP-HR DIESEL (4) [RULE 2005,5-6- 2005] ; PM: (9) [RULE 404,2- 7-1986] ; PM10: 0.38 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT,5-10- 1996 RULE 1303(a)(1)-BACT,12-6- 2002] | B61.3, C1.17, D12.2, D135.1, H23.26, K67.2 |

* (1)(1A)(1B) Denotes RECLAIM emission factor
 (3) Denotes RECLAIM concentration limit
 (5)(5A)(5B) Denotes command and control emission limit
 (7) Denotes NSR applicability limit
 (9) See App B for Emission Limits
 (2)(2A)(2B) Denotes RECLAIM emission rate
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 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (10) See Section J for NESHAP/MACT requirements
 ** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|--------------|---|--|------------------------------------|
| Process 19 : PETROLEUM MISCELLANEOUS | | | | | |
| INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, MOBILE, DIESEL FUEL, 250 HP A/N: 289099 | D992 | | NOX: PROCESS UNIT** ; SOX: PROCESS UNIT** | NOX: 10.825 LBS/HR (2) [RULE 2012,5-6-2005] ; PM: (9) [RULE 404,2-7-1986] ; SOX: 0.72 LBS/HR (2) [RULE 2011,5-6-2005] | B61.3, C1.17, D12.2, H23.26, K67.2 |
| INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, 91-P-9008A, DIESEL FUEL, 380 HP A/N: 289097 | D993 | | NOX: PROCESS UNIT** ; SOX: PROCESS UNIT** | NOX: 16.45 LBS/HR (2) [RULE 2012,5-6-2005] ; PM: (9) [RULE 404,2-7-1986] ; SOX: 1.095 LBS/HR (2) [RULE 2011,5-6-2005] | B61.3, C1.17, D12.2, H23.26, K67.2 |
| INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, 91-P-9008B, DIESEL FUEL, 380 HP A/N: 289096 | D994 | | NOX: PROCESS UNIT** ; SOX: PROCESS UNIT** | NOX: 16.45 LBS/HR (2) [RULE 2012,5-6-2005] ; PM: (9) [RULE 404,2-7-1986] ; SOX: 1.095 LBS/HR (2) [RULE 2011,5-6-2005] | B61.3, C1.17, D12.2, H23.26, K67.2 |
| INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, 91-P-915, DIESEL FUEL, 180 HP A/N: 289094 | D995 | | NOX: PROCESS UNIT** ; SOX: PROCESS UNIT** | NOX: 7.795 LBS/HR (2) [RULE 2012,5-6-2005] ; PM: (9) [RULE 404,2-7-1986] ; SOX: 0.52 LBS/HR (2) [RULE 2011,5-6-2005] | B61.3, C1.17, D12.2, H23.26, K67.2 |
| INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, 77-P-001A, DIESEL FUEL, 510 HP A/N: 289092 | D996 | | NOX: PROCESS UNIT** ; SOX: PROCESS UNIT** | NOX: 22.08 LBS/HR (2) [RULE 2012,5-6-2005] ; PM: (9) [RULE 404,2-7-1986] ; SOX: 1.47 LBS/HR (2) [RULE 2011,5-6-2005] | B61.3, C1.17, D12.2, H23.26, K67.2 |

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 (9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|--------------|--|---|--|
| Process 19 : PETROLEUM MISCELLANEOUS | | | | | |
| INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, 77-P-001B, DIESEL FUEL, 510 HP A/N: 289090 | D997 | | NOX: PROCESS UNIT**; SOX: PROCESS UNIT** | NOX: 22.08 LBS/HR (2) [RULE 2012,5-6-2005] ; PM: (9) [RULE 404,2-7-1986] ; SOX: 1.47 LBS/HR (2) [RULE 2011,5-6-2005] | B61.3, C1.17, D12.2, H23.26, K67.2 |
| INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, 91-P-916A, DIESEL FUEL, WITH TURBOCHARGER, 481 BHP A/N: 305900 | D1021 | | NOX: PROCESS UNIT**; SOX: PROCESS UNIT** | NOX: 14.911 LBS/HR (2) [RULE 2012,5-6-2005] ; PM: (9) [RULE 404,2-7-1986] ; SOX: 0.195 LBS/HR (2) [RULE 2011,5-6-2005] | B61.3, C1.17, D12.2, D135.1, H23.26, K67.2 |
| INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, 91-P-916B, DIESEL FUEL, WITH TURBOCHARGER, 481 BHP A/N: 305901 | D1022 | | NOX: PROCESS UNIT**; SOX: PROCESS UNIT** | NOX: 14.911 LBS/HR (2) [RULE 2012,5-6-2005] ; PM: (9) [RULE 404,2-7-1986] ; SOX: 0.195 LBS/HR (2) [RULE 2011,5-6-2005] | B61.3, C1.17, D12.2, D135.1, H23.26, K67.2 |
| INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, DETROIT DIESEL, WITH AFTERCOOLER, TURBOCHARGER, 474 BHP A/N: 307737 | D1259 | | NOX: PROCESS UNIT**; SOX: PROCESS UNIT** | NOX: 9.08 LBS/HR (2) [RULE 2012,5-6-2005] ; PM: (9) [RULE 404,2-7-1986] ; SOX: 0.191 LBS/HR (2) [RULE 2011,5-6-2005] | B61.3, C1.17, D12.2, D135.1, H23.26, K67.2 |
| System 3 : AMMONIA VAPORIZATION | | | | | |
| VESSEL, VAPORIZER, 88-E-1A/B A/N: 289088 | D1009 | | | | K67.5 |

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 (9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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|--|--------|--------------|---|---|---|
| Process 19 : PETROLEUM MISCELLANEOUS | | | | | |
| STORAGE TANK, 88-V-9004, ANHYDROUS AMMONIA, 10000 GALS; DIAMETER: 8 FT; LENGTH: 22 FT 6 IN A/N: 289088 | D998 | | | | |
| System 4 : ABRASIVE BLASTING EQUIPMENT | | | | | |
| ABRASIVE BLASTING, CABINET, MEDIA BLAST AND ABRASIVES, MODEL N200 SIZE 6060, WITH INTEGRAL DUST COLLECTOR, ALUMINUM OXIDE, WITH TWO FILTER CARTRIDGE (440 SQ FT TOTAL FILTER AREA), WIDTH: 5 FT; HEIGHT: 4 FT; LENGTH: 5 FT WITH A/N: 420480 ABRASIVE BLASTING NOZZLE, ONE NOZZLE, DIAMETER: 0.375 IN; 80 PSIA BLOWER, 1160 CU.FT./MIN; 2 HP | D1477 | | | PM: (9) [RULE 1140,2-1- 1980;RULE 1140,8-2-1985;RULE 404,2-7-1986;RULE 405,2-7-1986] | B27.1, C1.34, C6.2, C6.3, D322.2, D381.1, E102.2, H23.23, K67.8 |
| Process 21 : R-219 EXEMPT EQUIPMENT SUBJECT TO SOURCE-SPECIFIC RULES | | | | | |
| RULE 219 EXEMPT EQUIPMENT, AIR CONDITIONING UNITS | E1386 | | | | H23.8 |
| RULE 219 EXEMPT EQUIPMENT, CLEANING EQUIPMENT | E1387 | | | VOC: (9) [RULE 1171,11-7- 2003;RULE 1171,7-14-2006] | H23.21 |

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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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|---|--------|--------------|---|--|-------------------------------|
| Process 21 : R-219 EXEMPT EQUIPMENT SUBJECT TO SOURCE-SPECIFIC RULES | | | | | |
| RULE 219 EXEMPT EQUIPMENT, COOLING TOWERS | E1388 | | | | H23.9 |
| RULE 219 EXEMPT EQUIPMENT, REFRIGERANT RECOVERY AND/OR RECYCLING UNITS, | E1389 | | | | H23.20 |
| RULE 219 EXEMPT EQUIPMENT, ABRASIVE BLASTING EQUIPMENT, GLOVE-BOX, < = 53 FT3, WITH DUST FILTER | E1391 | | | PM: (9) [RULE 1140,2-1-1980;RULE 1140,8-2-1985;RULE 404,2-7-1986;RULE 405,2-7-1986] | D322.1, D381.1, E102.1, K67.8 |
| RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS | E1394 | | | VOC: (9) [RULE 1113,11-8-1996;RULE 1113,6-9-2006;RULE 1171,11-7-2003;RULE 1171,7-14-2006] | K67.4 |
| RULE 219 EXEMPT EQUIPMENT, FIRE EXTINGUISHING EQUIPMENT USING HALONS | E1396 | | | | H23.10 |

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**FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)**

SECTION D: DEVICE ID INDEX

**The following sub-section provides an index
to the devices that make up the facility
description sorted by device ID.**

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: DEVICE ID INDEX

| Device Index For Section D | | | |
|----------------------------|--------------------|---------|--------|
| Device ID | Section D Page No. | Process | System |
| D1 | 1 | 1 | 1 |
| D3 | 2 | 1 | 2 |
| D4 | 2 | 1 | 3 |
| D6 | 3 | 1 | 4 |
| D7 | 3 | 1 | 5 |
| D8 | 4 | 1 | 6 |
| D9 | 5 | 1 | 6 |
| D10 | 5 | 2 | 1 |
| D11 | 5 | 2 | 1 |
| D12 | 6 | 2 | 2 |
| C13 | 7 | 2 | 2 |
| D14 | 7 | 2 | 3 |
| D15 | 7 | 2 | 3 |
| D16 | 7 | 2 | 3 |
| D17 | 7 | 2 | 3 |
| D18 | 7 | 2 | 3 |
| D21 | 8 | 2 | 5 |
| D22 | 8 | 2 | 4 |
| D23 | 8 | 2 | 6 |
| D24 | 9 | 2 | 6 |
| D25 | 9 | 2 | 6 |
| D26 | 9 | 2 | 6 |
| D27 | 9 | 2 | 6 |
| D28 | 9 | 2 | 6 |
| D29 | 9 | 2 | 6 |
| D30 | 9 | 2 | 6 |
| D31 | 10 | 2 | 6 |
| D35 | 10 | 3 | 1 |
| D36 | 11 | 3 | 1 |
| D37 | 11 | 3 | 1 |
| D38 | 12 | 3 | 2 |
| C39 | 12 | 3 | 3 |
| D40 | 12 | 3 | 4 |
| D41 | 12 | 3 | 4 |
| D42 | 13 | 3 | 4 |
| D43 | 13 | 4 | 1 |

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SECTION D: DEVICE ID INDEX

| Device Index For Section D | | | |
|----------------------------|--------------------|---------|--------|
| Device ID | Section D Page No. | Process | System |
| D44 | 13 | 4 | 1 |
| D45 | 15 | 4 | 1 |
| D46 | 14 | 4 | 1 |
| D47 | 14 | 4 | 1 |
| D48 | 14 | 4 | 1 |
| D49 | 14 | 4 | 1 |
| D50 | 15 | 4 | 1 |
| D51 | 14 | 4 | 1 |
| D52 | 15 | 4 | 2 |
| D53 | 16 | 4 | 2 |
| D54 | 16 | 4 | 3 |
| D55 | 16 | 4 | 3 |
| D56 | 17 | 4 | 3 |
| D57 | 17 | 4 | 3 |
| D58 | 17 | 4 | 3 |
| D59 | 17 | 4 | 4 |
| D60 | 18 | 4 | 4 |
| D61 | 23 | 4 | 7 |
| D62 | 26 | 5 | 1 |
| D65 | 26 | 5 | 1 |
| D66 | 26 | 5 | 1 |
| D68 | 27 | 5 | 1 |
| D69 | 27 | 5 | 1 |
| D70 | 27 | 5 | 1 |
| D71 | 27 | 5 | 1 |
| D72 | 27 | 5 | 1 |
| D73 | 30 | 5 | 2 |
| D74 | 31 | 5 | 2 |
| D75 | 31 | 7 | 1 |
| D76 | 31 | 7 | 1 |
| D77 | 32 | 7 | 1 |
| D78 | 32 | 7 | 1 |
| D79 | 32 | 7 | 1 |
| D80 | 32 | 7 | 1 |
| D81 | 32 | 7 | 1 |
| D82 | 32 | 7 | 1 |

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SECTION D: DEVICE ID INDEX

| Device Index For Section D | | | |
|----------------------------|--------------------|---------|--------|
| Device ID | Section D Page No. | Process | System |
| D83 | 32 | 7 | 1 |
| D84 | 32 | 7 | 1 |
| D85 | 33 | 7 | 1 |
| D86 | 33 | 7 | 1 |
| D87 | 33 | 7 | 1 |
| D88 | 33 | 7 | 1 |
| D89 | 34 | 7 | 1 |
| D90 | 34 | 7 | 1 |
| D91 | 33 | 7 | 1 |
| D95 | 33 | 7 | 1 |
| D96 | 33 | 7 | 1 |
| D97 | 33 | 7 | 1 |
| D98 | 38 | 7 | 5 |
| D99 | 36 | 7 | 3 |
| D100 | 36 | 7 | 3 |
| D101 | 36 | 7 | 3 |
| D102 | 36 | 7 | 3 |
| D103 | 36 | 7 | 3 |
| D104 | 36 | 7 | 3 |
| D105 | 36 | 7 | 3 |
| D106 | 37 | 7 | 3 |
| D107 | 37 | 7 | 3 |
| D108 | 37 | 7 | 3 |
| D111 | 37 | 7 | 3 |
| D112 | 37 | 7 | 3 |
| D113 | 37 | 7 | 3 |
| D114 | 38 | 8 | 1 |
| D116 | 39 | 8 | 2 |
| D117 | 39 | 8 | 2 |
| D118 | 40 | 8 | 2 |
| D119 | 40 | 8 | 2 |
| D120 | 40 | 8 | 2 |
| D121 | 41 | 8 | 3 |
| D122 | 41 | 8 | 3 |
| D123 | 41 | 8 | 4 |
| D124 | 41 | 8 | 4 |

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SECTION D: DEVICE ID INDEX

| Device Index For Section D | | | |
|----------------------------|--------------------|---------|--------|
| Device ID | Section D Page No. | Process | System |
| D125 | 42 | 8 | 4 |
| D126 | 42 | 8 | 4 |
| D127 | 42 | 8 | 4 |
| D128 | 42 | 8 | 4 |
| D129 | 43 | 8 | 5 |
| D130 | 43 | 8 | 5 |
| D131 | 43 | 8 | 5 |
| D133 | 44 | 9 | 1 |
| D134 | 44 | 9 | 1 |
| D135 | 44 | 9 | 1 |
| D136 | 44 | 9 | 1 |
| D137 | 44 | 9 | 1 |
| D138 | 44 | 9 | 1 |
| D139 | 44 | 9 | 1 |
| D140 | 45 | 9 | 1 |
| D141 | 58 | 11 | 39 |
| D142 | 56 | 11 | 38 |
| D143 | 58 | 11 | 39 |
| D146 | 58 | 11 | 39 |
| D148 | 58 | 11 | 39 |
| D151 | 96 | 17 | 50 |
| D152 | 46 | 10 | 2 |
| D153 | 46 | 10 | 2 |
| D154 | 46 | 10 | 2 |
| D155 | 46 | 10 | 3 |
| D156 | 46 | 10 | 3 |
| D157 | 47 | 10 | 3 |
| D158 | 47 | 10 | 3 |
| D159 | 48 | 10 | 4 |
| D160 | 48 | 10 | 5 |
| D161 | 48 | 10 | 5 |
| D162 | 49 | 10 | 6 |
| D163 | 49 | 10 | 6 |
| D164 | 49 | 10 | 6 |
| D165 | 49 | 10 | 7 |
| D166 | 49 | 10 | 7 |

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SECTION D: DEVICE ID INDEX

| Device Index For Section D | | | |
|----------------------------|--------------------|---------|--------|
| Device ID | Section D Page No. | Process | System |
| D167 | 50 | 10 | 7 |
| D168 | 50 | 10 | 7 |
| D169 | 50 | 10 | 7 |
| D170 | 98 | 17 | 97 |
| D174 | 96 | 17 | 50 |
| D175 | 97 | 17 | 50 |
| D176 | 97 | 17 | 50 |
| D179 | 55 | 11 | 6 |
| D182 | 56 | 11 | 6 |
| D185 | 59 | 12 | 1 |
| D186 | 60 | 12 | 2 |
| D187 | 60 | 12 | 2 |
| D190 | 60 | 12 | 3 |
| D191 | 61 | 12 | 3 |
| D192 | 61 | 12 | 3 |
| D195 | 61 | 12 | 3 |
| D196 | 61 | 12 | 4 |
| D197 | 61 | 12 | 4 |
| D198 | 62 | 12 | 4 |
| D199 | 62 | 12 | 4 |
| D200 | 62 | 12 | 5 |
| D201 | 63 | 13 | 1 |
| D209 | 63 | 13 | 1 |
| D210 | 63 | 13 | 1 |
| D212 | 63 | 13 | 1 |
| D214 | 63 | 13 | 1 |
| D215 | 64 | 13 | 1 |
| D216 | 64 | 13 | 1 |
| D217 | 66 | 14 | 1 |
| D218 | 66 | 14 | 1 |
| D219 | 66 | 14 | 1 |
| D220 | 66 | 14 | 1 |
| D221 | 66 | 14 | 1 |
| D222 | 66 | 14 | 1 |
| D223 | 67 | 14 | 1 |
| D224 | 67 | 14 | 1 |

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SECTION D: DEVICE ID INDEX

| Device Index For Section D | | | |
|----------------------------|--------------------|---------|--------|
| Device ID | Section D Page No. | Process | System |
| D234 | 67 | 14 | 1 |
| D245 | 67 | 14 | 1 |
| D251 | 67 | 14 | 1 |
| D252 | 68 | 14 | 1 |
| D253 | 65 | 13 | 2 |
| D255 | 69 | 14 | 2 |
| D256 | 70 | 14 | 2 |
| D257 | 70 | 14 | 2 |
| D258 | 71 | 14 | 2 |
| D259 | 71 | 14 | 2 |
| D260 | 72 | 14 | 2 |
| D261 | 72 | 14 | 2 |
| D262 | 73 | 14 | 2 |
| D263 | 73 | 14 | 2 |
| D264 | 74 | 14 | 2 |
| D265 | 74 | 14 | 2 |
| D266 | 75 | 14 | 2 |
| D267 | 88 | 14 | 9 |
| D268 | 75 | 14 | 2 |
| D269 | 76 | 14 | 2 |
| D270 | 76 | 14 | 2 |
| D270 | 88 | 14 | 9 |
| D271 | 77 | 14 | 2 |
| D272 | 77 | 14 | 2 |
| D273 | 78 | 14 | 2 |
| D274 | 78 | 14 | 2 |
| D275 | 89 | 14 | 9 |
| D275 | 78 | 14 | 2 |
| D276 | 79 | 14 | 2 |
| D277 | 80 | 14 | 2 |
| D278 | 80 | 14 | 2 |
| D279 | 68 | 14 | 1 |
| D283 | 68 | 14 | 1 |
| D284 | 86 | 14 | 5 |
| D285 | 86 | 14 | 5 |
| D286 | 86 | 14 | 5 |

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SECTION D: DEVICE ID INDEX

| Device Index For Section D | | | |
|----------------------------|--------------------|---------|--------|
| Device ID | Section D Page No. | Process | System |
| D287 | 86 | 14 | 5 |
| D288 | 82 | 14 | 3 |
| D289 | 82 | 14 | 3 |
| D290 | 82 | 14 | 3 |
| D291 | 82 | 14 | 3 |
| D292 | 83 | 14 | 3 |
| D293 | 83 | 14 | 3 |
| D294 | 83 | 14 | 3 |
| D295 | 83 | 14 | 3 |
| D296 | 83 | 14 | 3 |
| D307 | 84 | 14 | 4 |
| C308 | 84 | 14 | 4 |
| D309 | 84 | 14 | 4 |
| C310 | 85 | 14 | 4 |
| D377 | 90 | 15 | 1 |
| D378 | 91 | 15 | 2 |
| C379 | 91 | 15 | 2 |
| D396 | 92 | 17 | 1 |
| D398 | 91 | 17 | 1 |
| D399 | 92 | 17 | 2 |
| C400 | 92 | 17 | 2 |
| C401 | 92 | 17 | 3 |
| C402 | 95 | 17 | 14 |
| C403 | 95 | 17 | 13 |
| D404 | 95 | 17 | 14 |
| D405 | 93 | 17 | 3 |
| D406 | 95 | 17 | 13 |
| D407 | 93 | 17 | 3 |
| D408 | 93 | 17 | 3 |
| D409 | 93 | 17 | 4 |
| D423 | 23 | 4 | 7 |
| D424 | 23 | 4 | 7 |
| D425 | 23 | 4 | 7 |
| D426 | 24 | 4 | 7 |
| D427 | 24 | 4 | 7 |
| D428 | 24 | 4 | 7 |

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SECTION D: DEVICE ID INDEX

| Device Index For Section D | | | |
|----------------------------|--------------------|---------|--------|
| Device ID | Section D Page No. | Process | System |
| D429 | 25 | 4 | 8 |
| D430 | 26 | 4 | 8 |
| C431 | 26 | 4 | 8 |
| D444 | 53 | 10 | 12 |
| D445 | 53 | 10 | 12 |
| D448 | 80 | 14 | 2 |
| D449 | 87 | 14 | 6 |
| D547 | 62 | 12 | 4 |
| D548 | 91 | 17 | 1 |
| D549 | 91 | 17 | 1 |
| D550 | 8 | 2 | 5 |
| D553 | 13 | 4 | 1 |
| D554 | 27 | 5 | 1 |
| D555 | 27 | 5 | 1 |
| D556 | 27 | 5 | 1 |
| D557 | 37 | 7 | 3 |
| D558 | 43 | 8 | 5 |
| D560 | 58 | 11 | 39 |
| D561 | 58 | 11 | 39 |
| D563 | 97 | 17 | 50 |
| D593 | 24 | 4 | 7 |
| D594 | 24 | 4 | 7 |
| D595 | 24 | 4 | 7 |
| D596 | 24 | 4 | 7 |
| D598 | 24 | 4 | 7 |
| C612 | 85 | 14 | 4 |
| C613 | 85 | 14 | 4 |
| D647 | 53 | 10 | 12 |
| D649 | 53 | 10 | 12 |
| D650 | 96 | 17 | 46 |
| D650 | 57 | 11 | 38 |
| D651 | 96 | 17 | 46 |
| D651 | 57 | 11 | 38 |
| D674 | 56 | 11 | 38 |
| D674 | 57 | 11 | 39 |
| D675 | 56 | 11 | 38 |

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SECTION D: DEVICE ID INDEX

| Device Index For Section D | | | |
|----------------------------|--------------------|---------|--------|
| Device ID | Section D Page No. | Process | System |
| D675 | 57 | 11 | 39 |
| D676 | 58 | 11 | 39 |
| D678 | 57 | 11 | 39 |
| D679 | 57 | 11 | 39 |
| D687 | 18 | 4 | 5 |
| D688 | 18 | 4 | 5 |
| D689 | 18 | 4 | 5 |
| D690 | 19 | 4 | 5 |
| D691 | 19 | 4 | 5 |
| D692 | 19 | 4 | 5 |
| D693 | 19 | 4 | 5 |
| D694 | 19 | 4 | 5 |
| D695 | 19 | 4 | 5 |
| D696 | 19 | 4 | 5 |
| D697 | 20 | 4 | 5 |
| D698 | 20 | 4 | 5 |
| D699 | 20 | 4 | 5 |
| D700 | 20 | 4 | 5 |
| D701 | 20 | 4 | 5 |
| D702 | 20 | 4 | 5 |
| D703 | 20 | 4 | 5 |
| D704 | 20 | 4 | 5 |
| D705 | 21 | 4 | 5 |
| D706 | 21 | 4 | 5 |
| D707 | 21 | 4 | 5 |
| D708 | 21 | 4 | 5 |
| D762 | 22 | 4 | 5 |
| D764 | 22 | 4 | 5 |
| D766 | 22 | 4 | 5 |
| D767 | 22 | 4 | 5 |
| D768 | 22 | 4 | 6 |
| C770 | 23 | 4 | 6 |
| D774 | 45 | 10 | 1 |
| D779 | 45 | 10 | 1 |
| D782 | 50 | 10 | 10 |
| D785 | 51 | 10 | 10 |

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SECTION D: DEVICE ID INDEX

| Device Index For Section D | | | |
|----------------------------|--------------------|---------|--------|
| Device ID | Section D Page No. | Process | System |
| D786 | 51 | 10 | 10 |
| D787 | 51 | 10 | 10 |
| D788 | 37 | 7 | 3 |
| D789 | 38 | 7 | 3 |
| D812 | 39 | 8 | 1 |
| D823 | 40 | 8 | 2 |

| Device Index For Section D | | | |
|----------------------------|--------------------|---------|--------|
| Device ID | Section D Page No. | Process | System |
| D835 | 51 | 10 | 11 |
| D837 | 51 | 10 | 11 |
| D839 | 51 | 10 | 11 |
| D840 | 52 | 10 | 11 |
| D846 | 52 | 10 | 11 |
| D847 | 52 | 10 | 11 |
| D849 | 56 | 11 | 7 |
| D850 | 56 | 11 | 7 |
| D863 | 52 | 10 | 11 |
| D864 | 81 | 14 | 2 |
| D868 | 81 | 14 | 2 |
| D872 | 92 | 17 | 1 |
| D881 | 64 | 13 | 1 |
| D882 | 64 | 13 | 1 |
| D883 | 1 | 1 | 1 |
| D884 | 1 | 1 | 1 |
| D885 | 1 | 1 | 1 |
| D886 | 1 | 1 | 1 |
| D887 | 1 | 1 | 1 |
| D888 | 2 | 1 | 3 |
| D889 | 2 | 1 | 3 |
| D890 | 2 | 1 | 3 |
| D891 | 3 | 1 | 3 |
| D892 | 3 | 1 | 3 |
| D894 | 4 | 1 | 5 |
| D900 | 4 | 1 | 5 |
| D901 | 4 | 1 | 5 |

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SECTION D: DEVICE ID INDEX

| Device Index For Section D | | | |
|----------------------------|--------------------|---------|--------|
| Device ID | Section D Page No. | Process | System |
| D902 | 4 | 1 | 5 |
| D907 | 4 | 1 | 5 |
| D908 | 5 | 2 | 1 |
| D909 | 6 | 2 | 1 |
| D910 | 6 | 2 | 1 |
| D911 | 6 | 2 | 1 |
| D918 | 13 | 4 | 1 |
| D919 | 13 | 4 | 1 |
| D920 | 15 | 4 | 1 |
| D921 | 15 | 4 | 1 |
| D922 | 16 | 4 | 3 |
| D924 | 17 | 4 | 3 |
| D925 | 27 | 5 | 1 |
| D926 | 28 | 5 | 1 |
| D927 | 28 | 5 | 1 |
| D928 | 28 | 5 | 1 |
| D930 | 28 | 5 | 1 |
| D931 | 28 | 5 | 1 |
| D932 | 28 | 5 | 1 |
| D933 | 28 | 5 | 1 |
| D934 | 28 | 5 | 1 |
| D935 | 29 | 5 | 1 |
| D936 | 29 | 5 | 1 |
| D937 | 29 | 5 | 1 |
| D938 | 29 | 5 | 1 |
| D939 | 29 | 5 | 1 |
| D940 | 29 | 5 | 1 |
| D941 | 29 | 5 | 1 |
| D942 | 29 | 5 | 1 |
| D943 | 29 | 5 | 1 |
| D944 | 30 | 5 | 1 |
| D945 | 30 | 5 | 1 |
| D946 | 30 | 5 | 1 |
| D947 | 31 | 7 | 1 |
| D948 | 31 | 7 | 1 |
| D949 | 34 | 7 | 1 |

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SECTION D: DEVICE ID INDEX

| Device Index For Section D | | | |
|----------------------------|--------------------|---------|--------|
| Device ID | Section D Page No. | Process | System |
| D950 | 35 | 7 | 1 |
| D951 | 35 | 7 | 1 |
| D952 | 35 | 7 | 1 |
| D953 | 35 | 7 | 1 |
| D954 | 35 | 7 | 1 |
| D955 | 39 | 8 | 1 |
| D956 | 39 | 8 | 1 |
| D957 | 39 | 8 | 1 |
| D958 | 40 | 8 | 2 |
| D959 | 40 | 8 | 2 |
| D960 | 40 | 8 | 2 |
| D961 | 40 | 8 | 2 |
| D963 | 41 | 8 | 2 |
| D964 | 42 | 8 | 4 |
| D965 | 42 | 8 | 4 |
| D966 | 42 | 8 | 4 |
| D967 | 45 | 9 | 1 |
| D969 | 58 | 11 | 39 |
| D970 | 58 | 11 | 39 |
| D971 | 46 | 10 | 2 |
| D972 | 47 | 10 | 3 |
| D973 | 50 | 10 | 7 |
| D974 | 68 | 14 | 1 |
| D975 | 68 | 14 | 1 |
| D976 | 48 | 10 | 4 |
| D977 | 50 | 10 | 7 |
| D978 | 86 | 14 | 5 |
| D979 | 69 | 14 | 1 |
| D980 | 69 | 14 | 1 |
| D981 | 69 | 14 | 1 |
| D982 | 69 | 14 | 1 |
| D983 | 99 | 19 | 1 |
| D984 | 99 | 19 | 1 |
| D985 | 47 | 10 | 3 |
| D986 | 47 | 10 | 3 |
| D987 | 47 | 10 | 3 |

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SECTION D: DEVICE ID INDEX

| Device Index For Section D | | | |
|----------------------------|--------------------|---------|--------|
| Device ID | Section D Page No. | Process | System |
| D988 | 47 | 10 | 3 |
| D989 | 47 | 10 | 3 |
| D990 | 99 | 19 | 1 |
| D992 | 100 | 19 | 2 |
| D993 | 100 | 19 | 2 |
| D994 | 100 | 19 | 2 |
| D995 | 100 | 19 | 2 |
| D996 | 100 | 19 | 2 |
| D997 | 101 | 19 | 2 |
| D998 | 102 | 19 | 3 |
| D999 | 64 | 13 | 1 |
| D1000 | 64 | 13 | 1 |
| D1001 | 65 | 13 | 1 |
| D1002 | 65 | 13 | 1 |
| D1008 | 34 | 7 | 1 |
| D1009 | 101 | 19 | 3 |
| D1010 | 34 | 7 | 1 |
| D1011 | 34 | 7 | 1 |
| D1021 | 101 | 19 | 2 |
| D1022 | 101 | 19 | 2 |
| D1023 | 11 | 3 | 1 |
| D1024 | 11 | 3 | 1 |
| C1029 | 93 | 17 | 10 |
| D1030 | 93 | 17 | 10 |
| D1031 | 93 | 17 | 10 |
| D1035 | 94 | 17 | 10 |
| D1137 | 34 | 7 | 1 |
| D1138 | 34 | 7 | 1 |
| C1207 | 65 | 13 | 2 |
| D1210 | 52 | 10 | 11 |
| D1211 | 52 | 10 | 11 |
| D1231 | 10 | 2 | 7 |
| D1232 | 10 | 2 | 7 |
| D1233 | 10 | 2 | 7 |
| D1235 | 94 | 17 | 11 |
| D1236 | 94 | 17 | 11 |

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SECTION D: DEVICE ID INDEX

| Device Index For Section D | | | |
|----------------------------|--------------------|---------|--------|
| Device ID | Section D Page No. | Process | System |
| D1237 | 94 | 17 | 11 |
| D1238 | 94 | 17 | 11 |
| D1239 | 94 | 17 | 11 |
| D1247 | 11 | 3 | 1 |
| D1248 | 15 | 4 | 1 |
| D1249 | 11 | 3 | 1 |
| D1250 | 53 | 10 | 12 |
| D1251 | 53 | 10 | 12 |
| D1252 | 53 | 10 | 12 |
| D1253 | 54 | 10 | 12 |
| D1254 | 54 | 10 | 12 |
| D1255 | 96 | 17 | 46 |
| D1255 | 56 | 11 | 38 |
| D1256 | 96 | 17 | 46 |
| D1256 | 57 | 11 | 38 |
| D1259 | 101 | 19 | 2 |
| D1280 | 50 | 10 | 8 |
| D1282 | 59 | 11 | 39 |
| D1283 | 59 | 11 | 39 |
| D1284 | 59 | 11 | 39 |
| D1285 | 59 | 11 | 39 |
| D1286 | 59 | 11 | 39 |
| D1288 | 35 | 7 | 1 |
| D1289 | 35 | 7 | 1 |
| D1290 | 38 | 7 | 3 |
| D1291 | 43 | 8 | 5 |
| D1292 | 43 | 8 | 5 |
| D1293 | 43 | 8 | 5 |
| D1294 | 48 | 10 | 4 |
| D1295 | 48 | 10 | 4 |
| D1296 | 98 | 17 | 97 |
| D1297 | 98 | 17 | 97 |
| D1299 | 92 | 17 | 1 |
| D1300 | 97 | 17 | 50 |
| D1301 | 97 | 17 | 50 |
| D1302 | 97 | 17 | 50 |

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SECTION D: DEVICE ID INDEX

| Device Index For Section D | | | |
|----------------------------|--------------------|---------|--------|
| Device ID | Section D Page No. | Process | System |
| D1303 | 97 | 17 | 50 |
| D1304 | 97 | 17 | 50 |
| D1305 | 99 | 19 | 2 |
| D1306 | 22 | 4 | 5 |
| D1307 | 21 | 4 | 5 |
| D1308 | 21 | 4 | 5 |
| D1309 | 21 | 4 | 5 |
| D1310 | 1 | 1 | 1 |
| D1312 | 3 | 1 | 3 |
| D1314 | 4 | 1 | 5 |
| D1317 | 6 | 2 | 1 |
| D1318 | 7 | 2 | 3 |
| D1319 | 8 | 2 | 5 |
| D1321 | 12 | 3 | 1 |
| D1323 | 15 | 4 | 1 |
| D1325 | 17 | 4 | 3 |
| D1327 | 22 | 4 | 5 |
| D1328 | 25 | 4 | 7 |
| D1331 | 30 | 5 | 1 |
| D1333 | 35 | 7 | 1 |
| D1334 | 38 | 7 | 3 |
| D1336 | 39 | 8 | 1 |
| D1337 | 41 | 8 | 2 |
| D1338 | 41 | 8 | 3 |
| D1339 | 42 | 8 | 4 |
| D1340 | 43 | 8 | 5 |
| D1341 | 45 | 9 | 1 |
| D1342 | 46 | 10 | 1 |
| D1343 | 46 | 10 | 2 |
| D1344 | 47 | 10 | 3 |
| D1345 | 48 | 10 | 4 |
| D1346 | 49 | 10 | 5 |
| D1347 | 49 | 10 | 6 |
| D1348 | 50 | 10 | 8 |
| D1351 | 57 | 11 | 38 |
| D1352 | 59 | 11 | 39 |

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SECTION D: DEVICE ID INDEX

| Device Index For Section D | | | |
|----------------------------|--------------------|---------|--------|
| Device ID | Section D Page No. | Process | System |
| D1354 | 65 | 13 | 2 |
| D1355 | 69 | 14 | 1 |
| D1357 | 85 | 14 | 4 |
| D1358 | 85 | 14 | 4 |
| D1363 | 51 | 10 | 10 |
| D1364 | 52 | 10 | 11 |
| D1365 | 94 | 17 | 10 |
| D1366 | 94 | 17 | 11 |
| D1367 | 54 | 10 | 12 |
| D1368 | 96 | 17 | 46 |
| D1369 | 98 | 17 | 50 |
| D1370 | 99 | 17 | 97 |
| D1371 | 45 | 10 | 1 |
| D1381 | 14 | 4 | 1 |
| D1382 | 13 | 4 | 1 |
| D1383 | 13 | 4 | 1 |
| D1384 | 15 | 4 | 1 |
| D1385 | 14 | 4 | 1 |
| E1386 | 102 | 21 | 0 |
| E1387 | 102 | 21 | 0 |
| E1388 | 103 | 21 | 0 |
| E1389 | 103 | 21 | 0 |
| E1391 | 103 | 21 | 0 |
| E1394 | 103 | 21 | 0 |
| E1396 | 103 | 21 | 0 |
| D1406 | 98 | 17 | 88 |
| D1407 | 98 | 17 | 88 |
| D1408 | 98 | 17 | 88 |
| D1410 | 54 | 11 | 1 |
| D1411 | 54 | 11 | 1 |
| D1412 | 54 | 11 | 1 |
| D1413 | 54 | 11 | 1 |
| D1414 | 55 | 11 | 2 |
| D1415 | 55 | 11 | 2 |
| D1416 | 55 | 11 | 2 |
| D1417 | 55 | 11 | 2 |

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SECTION D: DEVICE ID INDEX

| Device Index For Section D | | | |
|-----------------------------------|---------------------------|----------------|---------------|
| Device ID | Section D Page No. | Process | System |
| D1418 | 98 | 17 | 88 |
| D1442 | 86 | 14 | 5 |
| D1460 | 87 | 14 | 7 |
| D1464 | 23 | 4 | 7 |
| D1465 | 25 | 4 | 7 |
| D1466 | 25 | 4 | 7 |
| D1467 | 25 | 4 | 7 |
| D1468 | 52 | 10 | 11 |
| D1469 | 22 | 4 | 5 |
| D1470 | 25 | 4 | 7 |
| D1471 | 45 | 10 | 1 |
| D1472 | 51 | 10 | 10 |
| D1477 | 102 | 19 | 4 |
| D1623 | 60 | 12 | 1 |
| D1624 | 60 | 12 | 2 |
| D1625 | 61 | 12 | 3 |
| D1626 | 62 | 12 | 4 |

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

FACILITY CONDITIONS

- F8.1 The operator shall comply with all applicable mitigation measures stipulated in the "Statement of Findings, Statement of Overriding Considerations, and Mitigation Monitoring Plan" document which is part of the AQMD Certified Subsequent Environmental Impact Report dated 08/30/2002 for this facility.

[CA PRC CEQA, 11-23-1970]

- F9.1 Except for open abrasive blasting operations, the operator shall not discharge into the atmosphere from any single source of emissions whatsoever any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:

(a) As dark or darker in shade as that designated No.1 on the Ringelmann Chart, as published by the United States Bureau of Mines; or

(b) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in subparagraph (a) of this condition.

[**RULE 401, 3-2-1984**; RULE 401, 11-9-2001]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

F10.1 Material(s) that contain the following compound(s) shall not be used in this facility;

Total Reduced Sulfur

H₂S

Hydrogen Fluoride

This condition shall not apply if the operator demonstrate to the satisfaction of the Executive Officer that the facility is in compliance with the operational air quality mitigation measures stipulated in the Reformulated Fuels Project EIR as follows:

- a. Implementation of an inspection and maintenance program for all odor sources.
- b. Installation and inspection of a deluge system in the alkylation unit. The deluge system shall be inspected quarterly and flow tested semi-annually.
- c. Installation and inspection of elevated monitors with water spray system covering all area of the alkylation unit. The system shall be inspected weekly and flow tested monthly.
- d. Conduct safety review for the GOH unit, revision and implementation of the Risk Management and Prevention Plan (RMPP) for hydrogen sulfide.
- e. Conduct safety review for the Sulfur Recovery Unit, revision and implementation for the RMPP for hydrogen sulfide.

[CA PRC CEQA, 11-23-1970]

F14.1 The operator shall not purchase any diesel fuel , for stationary source application as defined in Rule 431.2, containing sulfur compounds in excess of 15 ppm by weight as supplied by the supplier.

This condition shall become effective on or after June 1, 2004.

[RULE 431.2, 5-4-1990; RULE 431.2, 9-15-2000]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

F24.1 Accidental release prevention requirements of Section 112(r)(7):

- a). The operator shall comply with the accidental release prevention requirements pursuant to 40 CFR Part 68 and shall submit to the Executive Officer, as a part of an annual compliance certification, a statement that certifies compliance with all of the requirements of 40 CFR Part 68, including the registration and submission of a risk management plan (RMP).
- b). The operator shall submit any additional relevant information requested by the Executive Officer or designated agency.

[40CFR 68 - Accidental Release Prevention, 5-24-1996]

F25.1 The permit holder of this facility shall not install, alter, or operate a refinery process unit or other non-Rule 219 exempt equipment without a valid RECLAIM/Title V permit issued by the AQMD pursuant to Rule 201 - Permit to Construct, Rule 203 - Permit to Operate, Rule 2004 - Requirements, and Rule 3002 - Requirements, as applicable.

Notwithstanding the above, the provisions of Rules 201, 203, 2004, and 3002 shall not apply to installations or alterations that involve only the equipment listed in Table 1 below, nor shall they apply to the operation of equipment listed in Table 1, when directly associated with permitted process units or other permitted equipment.

Notwithstanding the above, all new equipment listed in Table 1, including associated fugitive components installed with such equipment, shall have Best Available Control Technology installed in conformance with the Best Available Control Technology Guidelines in effect at the time of the installation.

TABLE 1

- (a) Heat Exchanger (including air-cooler, reboiler, cooler, condenser, and shell and tube exchanger)
- (b) In-line Mixer
- (c) Pump
- (d) Knockout Pot - Compressor inlet (immediate inlet) and interstage
- (e) Knockout Pot - Fuel Gas System (downstream of fuel gas mix drums)

This condition applies only to the facility that processes petroleum as defined in the Standard Industrial Classification Manual as Industry No. 2911 - Petroleum Refining, as well as its directly associated sulfur recovery plant which may be located outside of the facility.

[RULE 2004, 5-11-2001; RULE 2004, 4-6-2007]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

F34.2 The operator shall not sell refinery gas containing sulfur compounds in excess of 40 ppmv, calculated as hydrogen sulfide, averaged over 4-hour period.

[RULE 431.1, 6-12-1998]

F52.1 This facility is subject to the applicable requirements of the following rules or regulation(s):

California Code of Regulations, Title 13, Division 3, Chapter 5
 40CFR79
 40CFR80

[40CFR 79, 7-1-1999; 40CFR 80, 7-1-1999; CCR Title 13, 9-24-1999]

F52.2 This facility is subject to the applicable requirements of the following rules or regulation(s):

40CFR63, Subpart GGGGG

[40CFR 63 Subpart GGGGG, 11-29-2006]

F60.1 The emission limits identified in Section D and H of the permit shall be defined as emissions discharged to the atmosphere originated from the equipment.

PROCESS CONDITIONS

P13.1 All devices under this process are subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|-------------|------------------|--------------|
| Benzene | 40CFR61, SUBPART | FF |

[40CFR 61 Subpart FF, 12-4-2003]

[Processes subject to this condition : 1, 2, 3, 4, 5, 7, 8, 9, 10, 11, 12, 14]

SYSTEM CONDITIONS

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

S1.1 The operator shall limit the throughput to no more than 650000 ton(s) in any one year.

The operator shall maintain records in a manner approved by the District to demonstrate compliance with this condition.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 2, System 7]

S2.1 The operator shall limit emissions from this system as follows

| CONTAMINANT | EMISSIONS LIMIT |
|-------------|--|
| ROG | Less than or equal to 37 LBS IN ANY ONE DAY |
| CO | Less than or equal to 53 LBS IN ANY ONE DAY |
| PM | Less than or equal to 113 LBS IN ANY ONE DAY |

For the purposes of this condition, the emission limit(s) are the combined emissions from Heaters 56-H-1 and 56-H-2 measured at the outlet of the common stack when both equipment are in operation.

The operator shall calculate the emission limit(s) using monthly fuel use data, and the following emission factors: ROG: 7.0 lbs/mmscf; CO: 17.5 lbs/mmscf; and PM: 21 lbs/mmscf.

In lieu of using the default emission factors whenever source test are required by this facility permit, the operator shall calculate the emissions using fuel usage during the calendar month as determined by a RECLAIM certified fuel meter and source test emission data. The source test emissions data will be converted to lb/mmcf, multiplied by the actual calendar month fuel usage, and divided by 30 to determine the daily mass emissions.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 4, System 8]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

- S4.1 The following condition(s) shall apply to all affected devices listed under Sections D and H of this system for fugitive emissions of volatile organic compounds (VOC):

All components are subject to District Rule 1173 and 40CFR60, Subpart GGG.

All new components in VOC service as defined in Rule 1173, except valves and flanges shall be inspected quarterly using EPA reference method 21. All new valves and flanges in VOC service except those specifically exempted by Rule 1173 shall be inspected monthly using EPA Method 21.

All new components in VOC service, a leak greater than 500 ppm but less than 1,000 ppm measured as methane above background as measured using EPA Method 21, shall be repaired within 14 days of detection. Components shall be defined as any valve, fitting, pump, compressor, pressure relief device, diaphragm, hatch, sight-glass, and meter, which are not exempted by Rule 1173.

All new valves greater than 2-inch size and major components in VOC service as defined by Rule 1173, except those specifically exempted by Rule 1173 shall be distinctly identified from other components through their tag numbers (e.g. numbers ending in the letter "N"), and shall be noted in the records

All new valves in VOC service except those specifically exempted by Rule 1173, shall be bellow-sealed valves for 2-inch and smaller sizes, except in the following applications: heavy liquid service, control valve, instrument piping/tubing, applications requiring torsional valve stem motion, applications where valve failure could pose safety hazard (e.g. drain valves with valve stems in horizontal position), and retrofits with space limitations.

If 98.0 percent or greater of the new valve and the new flange population inspected is found to leak gaseous or liquid volatile organic compounds at a rate less than 500 ppm for two consecutive months, then the operator shall revert to a quarterly inspection program with the approval of the executive officer.

The operator shall keep records of the monthly inspection (and quarterly where applicable), subsequent repair, and reinspection, in a manner approved by the District.

The operator shall provide to the District, no later than 60 days after initial startup, a plot plan or process instrumentation diagrams with a listing showing by functional grouping, location, type, accessibility, and application of each new valve in VOC service.

[RULE 1173, 5-13-1994; RULE 1173, 6-1-2007; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; 40CFR 60 Subpart GGG, 6-7-1985]

[Systems subject to this condition : Process 10, System 8]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

- S4.2 The following condition(s) shall apply to all affected devices listed under Sections D and H of this system for fugitive emissions of volatile organic compounds (VOC):

All new open-ended valves shall be equipped with cap, blind flange, plug, or a second valve.

All pressure relief valves shall be connected to closed vent system or equipped with rupture disc.

All new process drains shall be equipped with P-trap or seal pot.

All sampling connections shall be closed-purge, closed-loop, or closed-vent system.

All new connections for gas/vapor and light liquid service, including flanges and fittings, shall not emit fugitive VOC in excess of 500 ppmv, measured by USEPA Method 21.

[RULE 1173, 5-13-1994; RULE 1173, 6-1-2007; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Systems subject to this condition : Process 10, System 2 , 8]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

- S4.3 The following condition(s) shall apply to all affected devices listed under Sections D and H of this system for fugitive emissions of volatile organic compounds (VOC):

All components are subject to District Rule 1173.

All new components in VOC service as defined in Rule 1173, except valves and flanges shall be inspected quarterly using EPA reference method 21. All new valves and flanges in VOC service except those specifically exempted by Rule 1173 shall be inspected monthly using EPA Method 21.

All new components in VOC service, a leak greater than 500 ppm but less than 1,000 ppm measured as methane above background as measured using EPA Method 21, shall be repaired within 14 days of detection. Components shall be defined as any valve, fitting, pump, compressor, pressure relief device, diaphragm, hatch, sight-glass, and meter, which are not exempted by Rule 1173.

All new valves greater than 2-inch size and major components in VOC service as defined by Rule 1173, except those specifically exempted by Rule 1173 shall be distinctly identified from other components through their tag numbers (e.g. numbers ending in the letter "N"), and shall be noted in the records

All new valves in VOC service except those specifically exempted by Rule 1173, shall be bellow-sealed valves for 2-inch and smaller sizes, except in the following applications: heavy liquid service, control valve, instrument piping/tubing, applications requiring torsional valve stem motion, applications where valve failure could pose safety hazard (e.g. drain valves with valve stems in horizontal position), and retrofits with space limitations.

If 98.0 percent or greater of the new valve and the new flange population inspected is found to leak gaseous or liquid volatile organic compounds at a rate less than 500 ppm for two consecutive months, then the operator shall revert to a quarterly inspection program with the approval of the executive officer.

The operator shall keep records of the monthly inspection (and quarterly where applicable), subsequent repair, and reinspection, in a manner approved by the District.

The operator shall provide to the District, no later than 60 days after initial startup, a plot plan or process instrumentation diagrams with a listing showing by functional grouping, location, type, accessibility, and application of each new valve in VOC service.

[RULE 1173, 5-13-1994; RULE 1173, 6-1-2007; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Systems subject to this condition : Process 8, System 3; Process 10, System 2; Process 13, System 1]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

- S4.4 The following condition(s) shall apply to all affected devices listed under Sections D and H of this system for fugitive emissions of volatile organic compounds (VOC):

All components are subject to the applicable requirements of District Rule 1173, 40CFR60, Subpart GGG, 40CFR60, Subpart QQQ, and to the requirements set forth in system condition S31.5.

The operator shall provide to the District, no later than 90 days after initial startup, a recalculation of the fugitive emissions based on actual components installed and removed from service. The operator shall also submit a process instrumentation diagram(s) with a listing of all non-leakless type valves categorized by tag no., size, type, service, operating conditions (temperature and pressure), body material, application, and reasons why leakless valves were not used.

[RULE 1173, 5-13-1994; RULE 1173, 6-1-2007; 40CFR 60 Subpart GGG, 6-7-1985; 40CFR 60 Subpart QQQ, 5-5-1989]

[Systems subject to this condition : Process 4, System 7; Process 7, System 1 , 3; Process 8, System 4; Process 14, System 5; Process 15, System 4]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

- S4.5 The following condition(s) shall apply to all affected devices listed under Sections D and H of this system for fugitive emissions of volatile organic compounds (VOC):

All components are subject to District Rule 1173 and 40CFR60, Subpart GGG.

All new components in VOC service as defined in Rule 1173, except valves and flanges shall be inspected quarterly using EPA reference method 21. All new valves and flanges in VOC service except those specifically exempted by Rule 1173 shall be inspected monthly using EPA Method 21.

All new components in VOC service, a leak greater than 500 ppm but less than 1,000 ppm measured as methane above background as measured using EPA Method 21, shall be repaired within 14 days of detection. Components shall be defined as any valve, fitting, pump, compressor, pressure relief device, diaphragm, hatch, sight-glass, and meter, which are not exempted by Rule 1173.

All new valves in VOC service except those specifically exempted by Rule 1173, shall be of leakless type except as approved by the District in the following applications: heavy liquid service, control valve, instrument piping/tubing, applications requiring torsional valve stem motion, applications where valve failure could pose safety hazard (e.g. drain valves with valve stems in horizontal position), and retrofits with space limitations, and valves not commercially available.

If 98.0 percent or greater of the new valve and the new flange population inspected is found to leak gaseous or liquid volatile organic compounds at a rate less than 500 ppm for two consecutive months, then the operator shall revert to a quarterly inspection program with the approval of the executive officer.

The operator shall keep records of the monthly inspection (and quarterly where applicable), subsequent repair, and reinspection, in a manner approved by the District.

The operator shall provide to the District, no later than 60 days after initial startup, a recalculation of the fugitive emissions based on actual components installed and removed from service. The operator shall also submit a process instrumentation diagram(s) with a listing of all non-leakless type valves categorized by tag no., size, type, service, operating conditions (temperature and pressure), body material, application, and reasons why leakless valves were not used.

[RULE 1173, 5-13-1994; RULE 1173, 6-1-2007; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; 40CFR 60 Subpart GGG, 6-7-1985]

[Systems subject to this condition : Process 11, System 38]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

- S4.6 The following condition(s) shall apply to all affected devices listed under Sections D and H of this system for fugitive emissions of volatile organic compounds (VOC):

All components are subject to District Rule 1173 and 40CFR60, Subpart GGG.

All new components in VOC service as defined in Rule 1173, except valves and flanges shall be inspected quarterly using EPA reference method 21. All new valves and flanges in VOC service except those specifically exempted by Rule 1173 shall be inspected monthly using EPA Method 21.

All new components in VOC service, a leak greater than 500 ppm but less than 1,000 ppm measured as methane above background as measured using EPA Method 21, shall be repaired within 14 days of detection. Components shall be defined as any valve, fitting, pump, compressor, pressure relief device, diaphragm, hatch, sight-glass, and meter, which are not exempted by Rule 1173.

All new valves greater than 2-inch size and major components in VOC service as defined by Rule 1173, except those specifically exempted by Rule 1173 shall be distinctly identified from other components through their tag numbers (e.g. numbers ending in the letter "N"), and shall be noted in the records

All new valves in VOC service except those specifically exempted by Rule 1173, shall be bellow-sealed valves for 2-inch and smaller size, except in the following applications: heavy liquid service, control valve, instrument piping/tubing, applications requiring torsional valve stem motion, applications where valve failure could pose safety hazard (e.g. drain valves with valve stems in horizontal position), and retrofits with space limitation.

If 98.0 percent or greater of the new valve and the new flange population inspected is found to leak gaseous or liquid volatile organic compounds at a rate less than 500 ppm for two consecutive months, then the operator shall revert to a quarterly inspection program with the approval of the executive officer.

The operator shall keep records of the monthly inspection (and quarterly where applicable), subsequent repair, and reinspection, in a manner approved by the District.

[RULE 1173, 5-13-1994; RULE 1173, 6-1-2007; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; 40CFR 60 Subpart GGG, 6-7-1985]

[Systems subject to this condition : Process 4, System 5; Process 10, System 1 , 10 , 11]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

- S4.7 The following condition(s) shall apply to all affected devices listed under Sections D and H of this system for fugitive emissions of volatile organic compounds (VOC):

All components are subject to District Rule 1173.

All new components in VOC service as defined in Rule 1173, except valves and flanges shall be inspected quarterly using EPA reference method 21. All new valves and flanges in VOC service except those specifically exempted by Rule 1173 shall be inspected monthly using EPA Method 21.

All new components in VOC service, a leak greater than 500 ppm but less than 1,000 ppm measured as methane above background as measured using EPA Method 21, shall be repaired within 14 days of detection. Components shall be defined as any valve, fitting, pump, compressor, pressure relief device, diaphragm, hatch, sight-glass, and meter, which are not exempted by Rule 1173.

All new valves greater than 2-inch size and major components in VOC service as defined by Rule 1173, except those specifically exempted by Rule 1173 shall be distinctly identified from other components through their tag numbers (e.g. numbers ending in the letter "N"), and shall be noted in the records

All new valves in VOC service except those specifically exempted by Rule 1173, shall be bellow-sealed valves for 2-inch and smaller sizes, except in the following applications: heavy liquid service, control valve, instrument piping/tubing, applications requiring torsional valve stem motion, applications where valve failure could pose safety hazard (e.g. drain valves with valve stems in horizontal position), and retrofits with space limitations.

If 98.0 percent or greater of the new valve and the new flange population inspected is found to leak gaseous or liquid volatile organic compounds at a rate less than 500 ppm for two consecutive months, then the operator shall revert to a quarterly inspection program with the approval of the executive officer.

The operator shall keep records of the monthly inspection (and quarterly where applicable), subsequent repair, and reinspection, in a manner approved by the District.

[RULE 1173, 5-13-1994; RULE 1173, 6-1-2007; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; 40CFR 60 Subpart GGG, 6-7-1985]

[Systems subject to this condition : Process 8, System 1 , 2]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

- S4.8 The following condition(s) shall apply to all affected devices listed under Sections D and H of this system for fugitive emissions of volatile organic compounds (VOC):

All components are subject to District Rule 1173.

All new components in VOC service as defined in Rule 1173, except valves and flanges shall be inspected quarterly using EPA reference Method 21. All new valves and flanges in VOC service except those specifically exempted by Rule 1173 shall be inspected monthly using EPA Method 21.

All new components in VOC service, a leak greater than 500 ppm but less than 1,000 ppm measured as methane above background as measured using EPA Method 21, shall be repaired within 14 days of detection. Components shall be defined as any valve, fitting, pump, compressor, pressure relief device, diaphragm, hatch, sight-glass, and meter, which are not exempted by Rule 1173.

All new valves in VOC service except those specifically exempted by Rule 1173, shall be of leakless type except as approved by the District in the following applications: heavy liquid service, control valve, instrument piping/tubing, applications requiring torsional valve stem motion, applications where valve failure could pose safety hazard (e.g. drain valves with valve stems in horizontal position), and retrofits with space limitations, and valves not commercially available.

If 98.0 percent or greater of the new valve and the new flange population inspected is found to leak gaseous or liquid volatile organic compounds at a rate less than 500 ppm for two consecutive months, then the operator shall revert to a quarterly inspection program with the approval of the executive officer.

The operator shall keep records of the monthly inspection (and quarterly where applicable), subsequent repair, and reinspection, in a manner approved by the District.

The operator shall provide to the District, no later than 60 days after initial startup, a recalculation of the fugitive emissions based on actual components installed and removed from service. The operator shall also submit a process instrumentation diagram(s) with a listing of all non-leakless type valves categorized by tag no., size, type, service, operating conditions (temperature and pressure), body material, application, and reasons why leakless valves were not used.

[**RULE 1173, 5-13-1994**; **RULE 1173, 6-1-2007**; **RULE 1303(a)(1)-BACT, 5-10-1996**; **RULE 1303(a)(1)-BACT, 12-6-2002**]

[Systems subject to this condition : Process 17, System 1]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

- S4.9 The following condition(s) shall apply to all affected devices listed under Section H of this system for fugitive emissions of volatile organic compounds (VOC):

All components are subject to District Rule 1173.

All new components in VOC service as defined in Rule 1173, except valves and flanges shall be inspected quarterly using EPA reference Method 21. All new valves and flanges in VOC service except those specifically exempted by Rule 1173 shall be inspected monthly using EPA Method 21.

All new components in VOC service, a leak greater than 500 ppm but less than 1,000 ppm measured as methane above background as measured using EPA Method 21, shall be repaired within 7 days of detection. Components shall be defined as any valve, fitting, pump, compressor, pressure relief device, diaphragm, hatch, sight-glass, and meter, which are not exempted by Rule 1173.

All new valves in VOC service except those specifically exempted by Rule 1173, shall be of leakless type except as approved by the District in the following applications: heavy liquid service, control valve, instrument piping/tubing, applications requiring torsional valve stem motion, applications where valve failure could pose safety hazard (e.g. drain valves with valve stems in horizontal position), retrofits with space limitations, and valves not commercially available.

If 98.0 percent or greater of the new valve and the new flange population inspected is found to leak gaseous or liquid volatile organic compounds at a rate less than 500 ppm for two consecutive months, then the operator shall revert to a quarterly inspection program with the approval of the executive officer.

The operator shall keep records of the monthly inspection (and quarterly where applicable), subsequent repair, and reinspection, in a manner approved by the District.

[RULE 1173, 5-13-1994; RULE 1173, 6-1-2007; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Systems subject to this condition : Process 4, System 1]

- S7.1 The following conditions shall apply to all refinery operation and related devices from this system:

All effluent wastewater and sour water from this unit shall be routed to a wastewater treatment system and a sour water treating system, respectively, each of these units and their associated control equipment shall be in full operation whenever this system is in operation.

[RULE 1176, 9-13-1996]

[Systems subject to this condition : Process 2, System 1 , 3]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

S13.1 All devices under this system are subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|-------------|---------------|--------------|
| PM | District Rule | 1158 |

[RULE 1158, 6-11-1999]

[Systems subject to this condition : Process 2, System 6 , 7]

S13.2 All devices under this system are subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|-------------|---------------|--------------|
| VOC | District Rule | 1123 |

[RULE 1123, 12-7-1990]

[Systems subject to this condition : Process 1, System 1 , 3 , 5; Process 2, System 1 , 3 , 5; Process 3, System 1; Process 4, System 1 , 3 , 5 , 7; Process 5, System 1; Process 7, System 1 , 3; Process 8, System 1 , 2 , 3 , 4 , 5; Process 9, System 1; Process 10, System 1 , 2 , 3 , 4 , 5 , 6 , 7 , 8 , 10 , 11 , 12; Process 11, System 1 , 2; Process 17, System 46 , 50 , 97]

S13.4 All devices under this system are subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|-------------|---------------|--------------|
| VOC | District Rule | 1149 |
| VOC | District Rule | 463 |

[RULE 104, 1-9-1976; RULE 1149, 7-14-1995; RULE 463, 5-6-2005]

[Systems subject to this condition : Process 14, System 5]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

S13.5 All devices under this system are subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|-------------|---------------|--------------|
| VOC | District Rule | 463 |
| VOC | District Rule | 1149 |
| VOC | District Rule | 1178 |

[RULE 1149, 7-14-1995; RULE 1178, 4-7-2006; RULE 463, 5-6-2005]

[Systems subject to this condition : Process 14, System 1 , 2 , 7]

S13.7 All devices under this system are subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|-------------|------------------|--------------|
| VOC | District Rule | 1176 |
| VOC | 40CFR60, SUBPART | QQQ |
| Benzene | 40CFR61, SUBPART | FF |

[RULE 1176, 9-13-1996; 40CFR 60 Subpart QQQ, 5-5-1989; 40CFR 61 Subpart FF, 12-4-2003]

[Systems subject to this condition : Process 13, System 1]

S13.8 All devices under this system are subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|-------------|------------------|--------------|
| SOX | 40CFR60, SUBPART | J |

[40CFR 60 Subpart J, 10-4-1991]

[Systems subject to this condition : Process 11, System 38 , 39]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

S13.9 All devices under this system are subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|----------------------|------------------|--------------|
| Total Reduced Sulfur | 40CFR60, SUBPART | J |
| H2S | 40CFR60, SUBPART | J |

Pursuant to 40CFR60.8(c), emissions in excess of the level of the applicable emission limit (40CFR60.104(a)(2)) during periods of startup, shutdown and malfunction shall not be considered a violation of the applicable emission limit (40CFR60.104(a)(2)) unless otherwise specified in the applicable standard.

The operator shall keep records to demonstrate compliance or exemption from this condition.

[40CFR 60 Subpart J, 10-4-1991]

[Systems subject to this condition : Process 11, System 1 , 2]

S13.10 All devices under this system are subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|----------------------|------------------|--------------|
| Total Reduced Sulfur | 40CFR63, SUBPART | UUU |

Pursuant to 40CFR63.7(e), emissions in excess the level of the relevant standard during periods of startup, shutdown, and malfunction shall not be considered a violation of the relevant standard unless otherwise specified in the relevant standard or a determination of noncompliance is made under Section 63.6(e).

The operator shall keep records to demonstrate compliance or exemption from this condition.

[40CFR 63 Subpart UUU, 4-20-2006]

[Systems subject to this condition : Process 11, System 1 , 2]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

S13.11 All devices under this system are subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|-------------|------------------|--------------|
| SOX | 40CFR60, SUBPART | J |

Pursuant to 40CFR60.8(c), emissions in excess of the level of the applicable emission limit (40CFR60.104(a)(1) and 40CFR60.104(a)(2)) during periods of startup, shutdown and malfunction shall not be considered a violation of the applicable emission limit (40CFR60.104(a)(1) and 40CFR60.104(a)(2)) unless otherwise specified in the applicable standard.

When this equipment is subject to both standards, 40CFR60.104(a)(1) and 40CFR60.104(a)(2), this equipment shall comply with 40CFR60.104(a)(1), the more stringent of the two limits, unless compliance can be determined independently for each requirement.

The operator shall keep records to demonstrate compliance or exemption from this condition.

[40CFR 60 Subpart J, 10-4-1991]

[Systems subject to this condition : Process 11, System 4]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

S13.12 All devices under this system are subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|-------------|---------------|--------------|
| VOC | District Rule | 463 |
| VOC | District Rule | 1149 |
| VOC | District Rule | 1178 |

For Rule 463 applicability, only subdivision (d) in the March 11, 1994 amendment, or equivalent requirements in the future amendments, shall apply to domed external floating roof tanks. This does not preclude any requirements specified in Rule 1178.

[RULE 1149, 7-14-1995; RULE 1178, 4-7-2006; RULE 463, 5-6-2005]

[Systems subject to this condition : Process 14, System 9]

S13.13 All devices under this system are subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|------------------------|------------------|--------------|
| VOC | 40CFR63, SUBPART | UUU |
| HCl 34.64 < <NH3 3,709 | 40CFR63, SUBPART | UUU |

Pursuant to 40 CFR63.7(e), emissions in excess level of the relevant standard during periods of startup, shutdown, and malfunction shall not be considered a violation of the relevant standard unless otherwise specified in the relevant standard or a determination of noncompliance is made under Section 63.6(e).

The operator shall keep records to demonstrate compliance or exemption from this condition.

[40CFR 63 Subpart UUU, 4-20-2006]

[Systems subject to this condition : Process 5, System 1]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

S15.2 The vent gases from all affected devices of this process/system shall be vented as follows:

All coker blowdown gases under normal operating conditions shall be directed to a vapor recovery system.

This process/system shall not be operated unless the vapor recovery system is in full use and has a valid permit to receive vent gases from this system.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 2, System 1]

S15.3 The vent gases from all affected devices of this process/system shall be vented as follows:

All sour gases under normal operating conditions shall be directed to the sour gas treating unit(s).

This process/system shall not be operated unless the sour gas treating unit(s) is in full use and has a valid permit to receive vent gases from this system.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 2, System 3 , 5; Process 4, System 1 , 3 , 5; Process 8, System 5]

S15.4 The vent gases from all affected devices of this process/system shall be vented as follows:

All acid gases under normal operating conditions shall be directed to the sulfur recovery unit(s).

This process/system shall not be operated unless the sulfur recovery unit(s) is in full use and has a valid permit to receive vent gases from this system.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 10, System 1 , 5 , 6 , 11 , 12; Process 17, System 46]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

S15.5 The vent gases from all affected devices of this process/system shall be vented as follows:

All vent gases under normal operating conditions shall be directed to the vapor recovery system(s).

This process/system shall not be operated unless the vapor recovery system(s) is in full use and has a valid permit to receive vent gases from this system.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 1, System 5; Process 2, System 1 , 3 , 5; Process 3, System 1; Process 4, System 1 , 3 , 5 , 7; Process 5, System 1; Process 7, System 1 , 3; Process 8, System 1 , 2 , 3 , 4 , 5; Process 9, System 1; Process 10, System 1 , 2 , 3 , 4 , 5 , 6 , 7 , 8 , 11 , 12; Process 13, System 1; Process 17, System 50 , 97]

S15.6 The vent gases from all affected devices of this process/system shall be vented as follows:

All emergency vent gases shall be directed to a blowdown flare system.

This process/system shall not be operated unless the blowdown flare system is in full use and has a valid permit to receive vent gases from this system.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 11, System 38 , 39; Process 17, System 1]

S15.8 The vent gases from all affected devices of this process/system shall be vented as follows:

All emergency vent gases shall be directed to a thermal oxidizer.

This process/system shall not be operated unless the thermal oxidizer is in full use and has a valid permit to receive vent gases from this system.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 11, System 6 , 7 , 38 , 39]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

S15.11 The vent gases from all affected devices of this process/system shall be vented as follows:

All vent gases under normal operating conditions shall be directed to the tail gas treating unit(s).

This process/system shall not be operated unless the tail gas treating unit(s) is in full use and has a valid permit to receive vent gases from this system.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 11, System 1 , 2]

S15.12 The vent gases from all affected devices of this process/system shall be vented as follows:

All emergency vent gases shall be directed to a blowdown vapor recovery system and/or blowdown flare system.

When the emergency vent gases are being directed to the blowdown vapor recovery system, this process/system shall not be operated unless the blowdown vapor recovery system is in full use and has a valid permit to receive vent gases from this system.

When the emergency vent gases are being directed to the blowdown flare system, this process/system shall not be operated unless the blowdown flare system is in full use and has a valid permit to receive vent gases from this system.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 1, System 1 , 3 , 5; Process 2, System 1 , 3 , 5; Process 3, System 1; Process 4, System 1 , 3 , 5 , 7; Process 5, System 1; Process 7, System 1 , 3; Process 8, System 1 , 2 , 3 , 4; Process 9, System 1; Process 10, System 1 , 2 , 3 , 4 , 5 , 6 , 7 , 8 , 10 , 11 , 12; Process 13, System 1; Process 14, System 5 , 6; Process 17, System 46 , 50 , 88 , 97]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

S15.13 The vent gases from all affected devices of this process/system shall be vented as follows:

All vent gases under normal operating conditions shall be directed to the front end of the sulfur recovery unit (SRU), Train 1 reaction furnace or Train 2 reaction furnace.

This process/system shall not be operated unless SRU Trains 1 or 2 are in full use and have a valid permit to receive vent gases from this system.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 11, System 6 , 7]

S18.1 All affected devices listed under this process/system shall be used only to receive, recover and/or dispose of vent gases routed from the system(s) or process(es) listed below, in addition to specific devices identified in the "connected to" column:

Wastewater Treatment System (Process: 13, System: 1)

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 17, System 11]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

- S18.2 All affected devices listed under this process/system shall be used only to receive, recover and/or dispose of vent gases routed from the system(s) or process(es) listed below, in addition to specific devices identified in the "connected to" column:

Blending Unit (Process: 9, System: 1)

Hydrotreating Units (Process: 4, System: 1, 3, 5 & 7)

Storage Tanks (Process: 14, System: 5 and 6)

Gas Production Units (Process: 8, System: 1, 2 & 3)

FCC Unit (Process: 3, System: 1)

Treating/Stripping Units (Process: 10, System: 1, 2, 3, 4, 5, 6, 7, and 8)

Delayed Coking Blowdown Unit (Process: 2, System: 5)

Oil/Water Separation Unit (Process: 13, System: 1)

Catalytic Reforming Unit (Process: 5, System: 1)

Air Pollution Control (Process: 17, System: 46, 50, 88, and 97)

Crude Distillation Units (Process: 1, System: 1, 3, and 5)

Delayed Coking Units (Process: 2, System: 1 and 3)

Alkylation and Isomerization Units (Process: 7, System: 1 and 3)

Fuel Gas Treating Unit (Process: 10, System: 13)

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 17, System 1]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

- S18.3 All affected devices listed under this process/system shall be used only to receive, recover and/or dispose of vent gases routed from the system(s) or process(es) listed below, in addition to specific devices identified in the "connected to" column:

Delayed Coking Units (Process: 2, System: 1 and 3)

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 8, System 5]

- S18.4 All affected devices listed under this process/system shall be used only to receive, recover and/or dispose of vent gases routed from the system(s) or process(es) listed below, in addition to specific devices identified in the "connected to" column:

Delayed Coking Units (Process: 2, System: 1 and 3)

Delayed Coking Blowdown Unit (Process: 2, System: 5)

Light Ends Vapor Recovery Units (Process: 8, System: 4 and 5)

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 10, System 12; Process 17, System 97]

- S18.5 All affected devices listed under this process/system shall be used only to receive, recover and/or dispose of vent gases routed from the system(s) or process(es) listed below, in addition to specific devices identified in the "connected to" column:

Hydrotreating Units (Process: 4, System: 1, 3, 5, and 7)

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 10, System 10]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

- S18.6 All affected devices listed under this process/system shall be used only to receive, recover and/or dispose of vent gases routed from the system(s) or process(es) listed below, in addition to specific devices identified in the "connected to" column:

Sour Water Stripping Units (Process: 10, System: 1, 5, and 6)

Amine Regeneration Unit (Process: 17, System: 46)

Amine Treating Units (Process: 10, System: 11 and 12)

Tail Gas Units (Process: 11, System: 38 and 39)

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 11, System 1 , 2]

- S18.7 All affected devices listed under this process/system shall be used only to receive, recover and/or dispose of vent gases routed from the system(s) or process(es) listed below, in addition to specific devices identified in the "connected to" column:

Tail Gas Units (Process: 11, System: 38 and 39)

Sulfur Vapor Collection System Serving Storage Tank, Pits and Loading Rack (Process: 11, System: 7)

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 11, System 4]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

S18.8 All affected devices listed under this process/system shall be used only to receive, recover and/or dispose of vent gases routed from the system(s) or process(es) listed below, in addition to specific devices identified in the "connected to" column:

Sulfur Recovery Units (Process: 11, System: 1, 2, 6, 38, and 39)

Blending Unit (Process: 9, System: 1)

Hydrotreating Units (Process: 4, System: 3, 5 & 7)

Storage Tanks (Process: 14, System: 1, 5, and 6)

Gas Production Units (Process: 8, System: 1, 2 & 3)

FCC Unit (Process: 3, System: 1)

Treating/Stripping Units (Process: 10, System: 1, 2, 3, 4, 5, 6, 7, and 8)

Delayed Coking Blowdown Unit (Process: 2, System: 5)

Oil/Water Separation Unit (Process: 13, System: 1)

Catalytic Reforming Unit (Process: 5, System: 1)

Air Pollution Control (Process: 17, System: 1, 46, 50, 88, and 97)

Crude Distillation Units (Process: 1, System: 1, 3, and 5)

Delayed Coking Units (Process: 2, System: 1 and 3)

Alkylation and Isomerization Units (Process: 7, System: 1 and 3)

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 17, System 3 , 13 , 14]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

- S18.9 All affected devices listed under this process/system shall be used only to receive, recover and/or dispose of vent gases routed from the system(s) or process(es) listed below, in addition to specific devices identified in the "connected to" column:

Pressurized Tanks, LPG (Process: 14, System: 3)

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 17, System 2]

- S18.10 All affected devices listed under this process/system shall be used only to receive, recover and/or dispose of vent gases routed from the system(s) or process(es) listed below, in addition to specific devices identified in the "connected to" column:

Sulfur Recovery Unit, Trains 1 & 2 (Process: 11, System: 1 and 2)

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 11, System 38 , 39]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

- S31.1 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 344827 and 452241:

All valves shall be leakless valves except in the following applications: valves in heavy liquid service, control valves, instrument piping/tubing valves, valves requiring torsional stem motion, situations where valve failure could pose safety hazard (e.g., drain valves with stems in horizontal position), retrofit/special application valves with space limitation, and valves not commercially available at the time of Permit to Construct issuance. The District shall approve all exceptions to this requirement.

All valves and new major components shall be physically identified in the field with special marking that distinguish the components from non-BACT components. Additionally, all new components shall be identified as BACT components in the records.

The leak rate from non leakless valves and other non-valve fugitive components shall not exceed 500 ppmv. A leak rate greater than 500 ppmv, but less than or equal to 1,000 ppmv, shall be repaired within 7 calendar days after detection of the leak.

All non leakless valves, except those specifically exempted by Rule 1173, shall be inspected monthly using EPA Method 21. The operator may begin quarterly inspections, upon District approval, after two consecutive monthly inspections in which only two percent or less of non-bellows seal valves are found to be leaking above 500 ppmv.

For the purpose of this condition, leakless valve shall be defined as any valve equipped with sealed bellow or equivalent as approved in writing by the District prior to installation.

For application number 452241, the operator shall provide the following information to the District no later than 60 days after initial startup:

(a) Process and instrumentation diagrams (or some other equivalent District-approved diagrams) that identify all valves. Along with the diagrams, the operator shall provide a listing of all valves categorized by location, type, size, accessibility and service; and

(b) A recalculation of fugitive emissions based on actual fugitive components installed and removed from service. All valves shall be categorized by size and service. The operator shall submit a listing of all non-bellows seal valves categorized by tag number, type, size, body material, service, operating temperature, operating pressure and reason(s) why bellows seal valves were not used.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 4, System 1]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

- S31.2 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 370041:

All valves shall be bellows sealed valves except in the following applications: valves in heavy liquid service, control valves, instrument piping/tubing valves, valves requiring torsional stem motion, situations where valve failure could pose safety hazard (e.g., drain valves with stems in horizontal position), retrofit/special application valves with space limitation, and valves not commercially available (e.g. valves larger than 8", valves larger than 2" that require special alloys or connectors, etc.). The District shall approve all exceptions to this requirement.

All valves and new major components shall be physically identified in the field with special marking that distinguish the components from non-BACT components. Additionally, all new components shall be identified as BACT components in the records.

The operator shall provide the following information to the District no later than 60 days after initial startup:

- (a) Process and instrumentation diagrams (or some other equivalent District-approved diagrams) that identify all valves. Along with the diagrams, the operator shall provide a listing of all valves categorized by location, type, size, accessibility and service; and,
- (b) A recalculation of fugitive emissions based on actual fugitive components installed and removed from service. All valves shall be categorized by size and service. The operator shall submit a listing of all non-bellows seal valves categorized by tag number, type, size, body material, service, operating temperature, operating pressure and reason(s) why bellows seal valves were not used.

All non-bellows seal valves, except those specifically exempted by Rule 1173, shall be inspected monthly using EPA Method 21. The operator may begin quarterly inspections, upon District approval, after two consecutive monthly inspections in which only two percent or less of non-bellows seal valves are found to be leaking above 500 ppmv.

The leak rate from non-bellows seal valves and other non-valve fugitive components shall not exceed 500 ppmv. A leak rate greater than 500 ppmv, but less than or equal to 1,000 ppmv, shall be repaired within 14 calendar days after detection of the leak.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 8, System 3]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

- S31.5 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 416627 (Unit 43), 416624 (Unit 56), 416622 (Unit 68), 416626 (Unit 69), 416633 (Unit 81-V-9) and 416628 (Unit 86-B-9003):

All open-ended valves shall be equipped with cap, blind flange, plug, or a second valve.

All pressure relief valves shall be connected to closed vent system or equipped with rupture disc.

All process drain shall be equipped with water seal, or a closed-vent system and control device complying with the requirements of 40CFR60 Subpart QQQ section 60.692-5.

All sampling connections shall be closed-purge, closed-loop, or closed-vent system.

All valves in VOC service shall be of leakless type, except those specifically exempted by Rule 1173 or approved by the District in the following applications: heavy liquid service, control valves, instrument piping/tubing, applications requiring torsional valve stem motion, applications where failures could pose safety hazards (e.g. drain valves with valve stems in horizontal position), retrofits with space limitations, and valves not commercially available at the time of Permit to Construct issuance.

For the purpose of this condition, leakless valve shall be defined as any valve equipped with sealed bellow or equivalent as approved in writing by the District prior to installation. Components shall be defined as any valve, flange, fitting, pump, compressor, pressure relief device, diaphragm, hatch, sight-glass, meter, and any instrumentation which are not exempted by Rule 1173.

All components in VOC service, except those specifically exempted by Rule 1173 and valves and flanges, shall be inspected quarterly using EPA reference method 21. All valves and flanges in VOC service except those specifically exempted by Rule 1173 shall be inspected monthly using EPA method 21.

All components in VOC service, a leak greater than 500 ppm but less than 1,000 ppm measured as methane above background using EPA Method 21, shall be repaired within 14 days of detection. A leak greater than 1,000 ppm shall be repaired according to Rule 1173.

If 98.0 percent or greater of the new valve and flange population inspected is found to leak gaseous or liquid VOC at a rate less than 500 ppm for two consecutive months, then the operator may revert to a quarterly inspection program with the approval of the Executive Officer.

The operator shall keep records of the monthly inspection (and quarterly where applicable), subsequent repair, and reinspection, in a manner approved by the District.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 4, System 7; Process 7, System 1 , 3; Process 8, System 4; Process 14, System 5; Process 15, System 4]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

- S31.6 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 411695, 396054:

All valves in VOC service, except those specifically exempted by Rule 1173, shall be bellows seal valves, except as approved by the District, in the following applications: heavy liquid service, control valve, instrument piping/tubing, applications requiring torsional valve stem motion, applications where valve failure could pose safety hazard (e.g., drain valves with valve stems in horizontal position), retrofits/special applications with space limitations, and valves not commercially available.

The operator shall provide to the District, no later than 60 days after initial startup, a recalculation of the fugitive emissions based on actual components installed and removed from service. The new valves and new flanges shall be categorized by tag no., size, type, operating temperature, body material, application, and reasons why bellows seal valves were not used.

All new valves and major components in VOC service as defined by rule 1173, except those specifically exempted by Rule 1173 shall be distinctly identified from other components through their tag numbers (e.g., numbers ending in the letter "N"), and shall be noted in the records.

All new components in VOC service as defined in Rule 1173, except those specifically exempted by Rule 1173 and valves and flanges, shall be inspected quarterly using EPA reference Method 21. All new valves and flanges in VOC service, except those specifically exempted by Rule 1173, shall be inspected monthly using EPA Method 21.

If 98.0 percent or greater of the new (non-bellows seal) valves and the new flange population inspected is found to leak gaseous or liquid volatile organic compounds at a rate less than 500 ppmv for two consecutive months, then the operator may change to a quarterly inspection program with the approval of the District.

The operator shall revert from quarterly to monthly inspection program if less than 98.0 percent of the new (non-bellows seal) valves and the new flange population inspected is found to leak gaseous or liquid volatile organic compounds at a rate less than 500 ppmv.

All new components in VOC service with a leak greater than 500 ppmv but less than 1,000 ppmv, as methane, measured above background using EPA Method 21 shall be repaired within 14 days of detection. Components shall be defined as any valve, fitting, pump, compressor, pressure relief valve device, diaphragm, hatch, sight-glass, and meter, which are not exempted by Rule 1173.

The operator shall keep records of the monthly inspection (quarterly where applicable), subsequent repair, and reinspection, in a manner approved by the District. Records shall be kept and maintained for at least two years, and shall be made available to the Executive Officer or his authorized representative upon request.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 14, System 7]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

S42.1 The operator shall not operate the FCCU unless the operator complies with the requirements of the following rule by December 31, 2008:

| Contaminant | Rule | Rule Number/Subpart |
|---------------|---------------|---------------------|
| PM10 | District Rule | 1105.1 |
| Ammonia (NH3) | District Rule | 1105.1 |

If the operator fails to comply with any of the terms and conditions listed below, the operator shall be subject to the compliance deadlines as specified in Rule 1105.1(d)(1).

- a. Award all contracts to design the control technology selected for compliance with Rule 1105.1(d)(1) by September 15, 2006. Award all contracts to construct and install the control technology by July 1, 2007.
- b. Submit information necessary for the preparation of the California Environmental Quality Act (CEQA) documents for equipment installation and modification for Rule 1105.1(d)(1) compliance, by August 15, 2006.
- c. Submit complete applications for permits to construct the control technology selected for compliance with emission limits specified in Rule 1105.1(d)(1) by October 1, 2006. Upon receiving a letter from the AQMD deeming the applications completed by October 1, 2006, Ultramar will be considered in compliance with this requirement.
- d. Begin construction of the control technology permitted by AQMD for compliance with Rule 1105.1(d)(1) by October 1, 2007, or within 30 days of receiving all necessary permits, whichever is later.
- e. Complete demolition, site preparation and excavation no later than November 2, 2007.
- f. Have available on-site, all components needed for the complete assembly of the technology selected, which is electrostatic precipitation, by June 1, 2008.
- g. Start operation of the control equipment permitted to ensure compliance with Rule 1105.1(d)(1) by December 1, 2008.
- h. Comply with Rule 1105.1(d)(1) no later than December 31, 2008.

[RULE 1105.1, 11-7-2003]

[Systems subject to this condition : Process 3, System 1]

DEVICE CONDITIONS

**FACILITY PERMIT TO OPERATE
 ULTRAMAR INC (NSR USE ONLY)**

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

A. Emission Limits

A63.1 The operator shall limit emissions from this equipment as follows:

| CONTAMINANT | EMISSIONS LIMIT |
|-------------|---|
| ROG | Less than or equal to 7 LBS IN ANY ONE DAY |
| CO | Less than or equal to 18 LBS IN ANY ONE DAY |
| PM | Less than or equal to 22 LBS IN ANY ONE DAY |

The operator shall calculate the emission limit(s) using monthly fuel usage data, and the following emission factors: ROG: 7.0 lbs/mmscf; CO: 17.5 lbs/mmscf; and PM: 21 lb/mmscf.

In lieu of using the default emission factors whenever source test are required by this facility permit, the operator shall calculate the emissions using fuel usage during the calendar month as determined by a RECLAIM certified fuel meter and source test emission data. The source test emissions data will be converted to lb/mmscf, multiplied by the actual calendar month fuel usage, and divided by 30 to determine the daily mass emissions.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D98]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

A63.2 The operator shall limit emissions from this equipment as follows:

| CONTAMINANT | EMISSIONS LIMIT |
|-------------|---|
| ROG | Less than or equal to 14 LBS IN ANY ONE DAY |
| CO | Less than or equal to 36 LBS IN ANY ONE DAY |
| PM | Less than or equal to 43 LBS IN ANY ONE DAY |

The operator shall calculate the emission limit(s) using monthly fuel usage data, and the following emission factors: ROG: 7.0 lbs/mmscf; CO: 17.5 lbs/mmscf; and PM: 21 lbs/mmscf.

In lieu of using the default emission factors whenever source test are required by this facility permit, the operator shall calculate the emissions using fuel usage during the calendar month as determined by a RECLAIM certified fuel meter and source test emission data. The source test emissions data will be converted to lb/mmscf, multiplied by the actual calendar month fuel usage, and divided by 30 to determine the daily mass emissions.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D768]

A63.3 The operator shall limit emissions from this equipment as follows:

| CONTAMINANT | EMISSIONS LIMIT |
|-------------|-------------------------------------|
| PM | Less than or equal to 2 LBS PER DAY |
| CO | Less than or equal to 1 LBS PER DAY |

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D932]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

A63.4 The operator shall limit emissions from this equipment as follows:

| CONTAMINANT | EMISSIONS LIMIT |
|-------------|---------------------------------------|
| CO | Less than or equal to 955 LBS PER DAY |
| PM | Less than or equal to 562 LBS PER DAY |

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D36]

A63.6 The operator shall limit emissions from this equipment as follows:

| CONTAMINANT | EMISSIONS LIMIT |
|-------------|---|
| CO | Less than or equal to 50 LBS IN ANY ONE DAY |
| ROG | Less than or equal to 20 LBS IN ANY ONE DAY |

The operator shall calculate the emission limit(s) using monthly fuel usage data, and the following emission factors: ROG: 7.0 lbs/mmcf and CO: 17.5 lbs/mmcf.

In lieu of using the default emission factors whenever source test are required by this facility permit, the operator shall calculate the emissions using fuel usage during the calendar month as determined by a RECLAIM certified fuel meter and source test emission data. The source test emissions data will be converted to lb/mmcf, multiplied by the actual calendar month fuel usage, and divided by 30 to determine the daily mass emissions.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D12]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

A63.7 The operator shall limit emissions from this equipment as follows:

| CONTAMINANT | EMISSIONS LIMIT |
|-------------------|--|
| Visible emissions | Less than or equal to 10 Percent opacity |

[RULE 1158, 6-11-1999]

[Devices subject to this condition : D23, D24, D25, D26, D27, D28, D29, D30, D31, D1231, D1232, D1233]

A63.8 The operator shall limit emissions from this equipment as follows:

| CONTAMINANT | EMISSIONS LIMIT |
|-------------------|--|
| Visible emissions | Less than or equal to 30 Percent opacity |

[40CFR 60 Subpart J, 10-4-1991]

[Devices subject to this condition : D36]

A229.1 The 10.75LBS/HR emission limit is calculated by the parameters measured and recorded in accordance with Rule 2012. The mass emission limit is solely for the purpose of ensuring that there is no net increase in emission of NOX that will trigger BACT requirement pursuant to Rule 2005(c)(1)(A).

[RULE 2005, 5-6-2005]

[Devices subject to this condition : D3]

A327.1 For the purpose of determining compliance with District Rule 476, combustion contaminant emissions may exceed the concentration limit or the mass emission limit listed, but not both limits at the same time.

[RULE 476, 10-8-1976]

[Devices subject to this condition : D378]

B. Material/Fuel Type Limits

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

- B22.1 The operator shall not use this equipment with materials having a(n) true vapor pressure of 6 psia or greater under actual operating conditions.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D221]

- B22.2 The operator shall not use this equipment with materials having a(n) true vapor pressure of 0.5 psia or greater under actual operating conditions.

[RULE 1301, 12-7-1995]

[Devices subject to this condition : D259, D274]

- B22.3 The operator shall not use this equipment with materials having a(n) true vapor pressure of 0.1 psia or greater under actual operating conditions.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D217, D218]

- B22.4 The operator shall not use this equipment with materials having a(n) true vapor pressure of 0.4 psia or greater under actual operating conditions.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D260]

- B22.5 The operator shall not use this equipment with materials having a(n) true vapor pressure of 0.2 psia or greater under actual operating conditions.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D264]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

- B22.6 The operator shall not use this equipment with materials having a(n) true vapor pressure of 7 psia or greater under actual operating conditions.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D307, D309]

- B22.7 The operator shall not use this equipment with materials having a(n) true vapor pressure of 11 psia or greater under actual operating conditions.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D252, D256, D271, D272, D273]

- B22.8 The operator shall not use this equipment with materials having a(n) true vapor pressure of 6.9 psia or greater under actual operating conditions.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D262]

- B22.9 The operator shall not use this equipment with materials having a(n) true vapor pressure of 5.15 psia or greater under actual operating conditions.

To verify compliance with this condition, the operator shall sample the materials stored once per month to determine the true vapor pressure.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D261]

- B27.1 The operator shall not use in this equipment any materials containing any toxic air contaminants (TACs) identified in the SCAQMD Rule 1401, as amended 05/02/2003.

[RULE 1401, 3-4-2005]

[Devices subject to this condition : D1477]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

B59.1 The operator shall only use the following material(s) in this device :

Product Gasoline, Reformate, Alkylate, Toluene, Raffinate, Iso-Octane & FCC gasoline

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D1460]

B59.2 The operator shall only use the following material(s) in this device :

Light Straight Run Naphtha, Slop Oil, Crude Oil, Gas Oil, Isooctane, Isooctene, Raffinate, Heavy Naphtha, FCC Gasoline, Alkylate, Distillate, Jet Fuel, Diesel Fuel

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 1401, 3-4-2005]

[Devices subject to this condition : D267]

B61.1 The operator shall only use fuel gas containing the following specified compounds:

| Compound | ppm by volume |
|------------------|---------------|
| Sulfur less than | 100 |

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D3, D6, D8, D9, D12, D22, D59, D60, D73, D98, D429, D430, D768]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

B61.2 The operator shall not use fuel gas containing the following specified compounds:

| Compound | ppm by volume |
|------------------|---------------|
| H2S greater than | 160 |

[40CFR 60 Subpart J, 10-4-1991]

[Devices subject to this condition : D3, D6, D8, D9, D12, D22, D38, D52, D53, D59, D60, D73, D74, D98, D377, D378, D429, D430, D768]

B61.3 The operator shall only use diesel fuel containing the following specified compounds:

| Compound | weight percent |
|------------------|----------------|
| Sulfur less than | 0.05 |

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D992, D993, D994, D995, D996, D997, D1021, D1022, D1259, D1305]

C. Throughput or Operating Parameter Limits

C1.1 The operator shall limit the number of turnovers to no more than 75 in any one year.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D217, D218]

C1.2 The operator shall limit the number of turnovers to no more than 42 in any one year.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D255, D256]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

C1.3 The operator shall limit the number of turnovers to no more than 40 in any one year.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D260]

C1.4 The operator shall limit the number of turnovers to no more than 60 in any one year.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D264]

C1.5 The operator shall limit the throughput to no more than 1.095e+07 barrels in any one year.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D266]

C1.6 The operator shall limit the number of turnovers to no more than 10 in any one year.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D307, D309]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

C1.7 The operator shall limit the throughput to no more than 600,000 barrel(s) in any one calendar month.

To comply with this condition, the operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):.

Tank throughput in barrels per month.

Commodity/product stored and time period of its storage.

Vapor pressure, in psia, of each batch of commodity/product stored.

Other records that may be required to comply with the applicable requirements of District Rules 463 and 1178 and 40 CFR60, Subparts Kb.

Records shall be kept and maintained for at least five years, and shall be made available to the Executive Officer or his authorized representative upon request.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D267]

C1.8 The operator shall limit the throughput to no more than 15 MM barrels in any one calendar year.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D864, D868]

C1.9 The operator shall limit the throughput to no more than 5.4e+06 barrel(s) in any one year.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D258]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

C1.11 The operator shall limit the loading rate to no more than 672000 gallon(s) per day.

This limit shall be based on the total combined limit for equipment D197 which consists of eight loading arms.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D197]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

C1.12 The operator shall limit the throughput to no more than 20.26 MM barrels in any one calendar year.

This limit shall be based on the total combined limit for equipment D268 (82-TK-1), D269 (82-TK-2), and D270 (82-TK-3).

The gasoline blending products stored in equipment D269 (82-TK-2) and D270 (82-TK-3) shall only consist of the following: isooctane, isooctene, FCC gasoline, alkylate, light straight run (LSR) naphtha, heavy cat naphtha, light cat naphtha, or raffinate.

The operator shall comply with the following throughput measurement practices.

The operator shall calculate the throughput, in barrels, by the following equation: $0.14 \times D \times D \times L$, where D is the diameter of the tank in feet based on the tank strapping chart and L is the total vertical one-way roof travel in feet per month.

The operator shall install and maintain an automatic tank level gauge (ATLG) and recorder to continuously record the vertical movement of the roof. For the purpose of this condition, continuous recording is defined as once per hour.

The operator shall calculate the total one-way roof movement, in feet, on a daily and monthly basis.

The ATLG installed shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than 1.0 inch or 0.8%, whichever is greater, the ATLG shall be repaired and put back into service within 10 days. While the ATLG is being repaired, the throughput shall be determined by the hourly tank level data averaged from the previous 30 days prior to the discovery of the discrepancy.

In the event of a failure or routine maintenance of the ATLG, the ATLG shall be repaired (if necessary) and put back into service within 10 days of the time that the ATLG failed or was removed from service for maintenance. While the ATLG is being repaired or maintained, the throughput shall be determined by the hourly tank level data averaged from the previous 30 days prior to time that the ATLG went out of service.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D268, D269, D270]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

C1.13 The operator shall limit the fuel usage to no more than 207200 cubic feet per day.

For the purpose of this condition, fuel usage shall be defined as the sum of instantaneous flow rates in cubic feet per hour of purge gases used in Device numbers C401, C402, and C403 times 24 hours per day as read from each flow meter.

[RULE 1301, 12-7-1995]

[Devices subject to this condition : C401, C402, C403]

C1.14 The operator shall limit the throughput to no more than 7000 barrel(s) in any one day.

For the purpose of this condition, throughput shall be defined as amount of field butane processed in this equipment.

To comply with this condition, the operator shall install and maintain a(n) flow meter to accurately indicate the flow rate of the field butane processed in this equipment.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D1280]

C1.15 The operator shall limit the fuel usage to no more than 130000 cubic feet per hour.

To comply with this condition, the operator shall install and maintain a(n) flow meter to accurately indicate the fuel usage being supplied to the heater in accordance with Rule 2012.

The operator shall also maintain a device to continuously record the parameters being measured and the fuel gas usage in an hourly basis.

The purpose(s) of this condition is to ensure that the maximum increase in emissions will not exceed the emission offset provided for this heater for CO, PM10, and ROG pursuant to Rule 1303(b)(3).

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D3]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

C1.17 The operator shall limit the operating time to no more than 199 hour(s) in any one year.

[RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996; RULE 2012, 5-6-2005]

[Devices subject to this condition : D992, D993, D994, D995, D996, D997, D1021, D1022, D1259, D1305]

C1.18 The operator shall limit the number of turnovers to no more than 73 in any one year.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D271]

C1.19 The operator shall limit the number of turnovers to no more than 292 in any one year.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D272, D273]

C1.20 The operator shall limit the number of turnovers to no more than 65 in any one year.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D262]

C1.21 The operator shall limit the number of turnovers to no more than 475 in any one year.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D263]

C1.22 The operator shall limit the number of turnovers to no more than 66 in any one year.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D265]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

C1.23 The operator shall limit the throughput to no more than 880000 barrel(s) in any one year.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D252]

C1.24 The operator shall limit the number of turnovers to no more than 108 in any one year.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D221]

C1.28 The operator shall limit the loading rate to no more than 2.2268e+06 gallon(s) per day.

This limit shall be based on the total combined limit for equipment D196 and D547.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D196, D547]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

C1.29 The operator shall limit the throughput to no more than 1.86 MM barrels in any one calendar year.

For the purpose of this condition, throughput shall be defined as throughput of MTBE.

The operator shall comply with the following throughput measurement practices.

The operator shall calculate the throughput, in barrels, by the following equation: $0.14 \times D \times D \times L$, where D is the diameter of the tank in feet based on the tank strapping chart and L is the total vertical one-way roof travel in feet per month.

The operator shall install and maintain an automatic tank level gauge (ATLG) and recorder to continuously record the vertical movement of the roof. For the purpose of this condition, continuous recording is defined as once per hour.

The operator shall calculate the total one-way roof movement, in feet, on a daily and monthly basis.

The ATLG installed shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than 1.0 inch or 0.8%, whichever is greater, the ATLG shall be repaired and put back into service within 10 days. While the ATLG is being repaired, the throughput shall be determined by the hourly tank level data averaged from the previous 30 days prior to the discovery of the discrepancy.

In the event of a failure or routine maintenance of the ATLG, the ATLG shall be repaired (if necessary) and put back into service within 10 days of the time that the ATLG failed or was removed from service for maintenance. While the ATLG is being repaired or maintained, the throughput shall be determined by the hourly tank level data averaged from the previous 30 days prior to time that the ATLG went out of service.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D448]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

C1.30 The operator shall limit the throughput to no more than 9.855 MM barrels in any one calendar year.

For the purpose of this condition, throughput shall be defined as the combined throughput of gasoline, alkylate and raffinate.

The operator shall comply with the following throughput measurement practices.

The operator shall calculate the throughput, in barrels, by the following equation: $0.14 \times D \times D \times L$, where D is the diameter of the tank in feet based on the tank strapping chart and L is the total vertical one-way roof travel in feet per month.

The operator shall install and maintain an automatic tank level gauge (ATLG) and recorder to continuously record the vertical movement of the roof. For the purpose of this condition, continuous recording is defined as once per hour.

The operator shall calculate the total one-way roof movement, in feet, on a daily and monthly basis.

The ATLG installed shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than 1.0 inch or 0.8%, whichever is greater, the ATLG shall be repaired and put back into service within 10 days. While the ATLG is being repaired, the throughput shall be determined by the hourly tank level data averaged from the previous 30 days prior to the discovery of the discrepancy.

In the event of a failure or routine maintenance of the ATLG, the ATLG shall be repaired (if necessary) and put back into service within 10 days of the time that the ATLG failed or was removed from service for maintenance. While the ATLG is being repaired or maintained, the throughput shall be determined by the hourly tank level data averaged from the previous 30 days prior to time that the ATLG went out of service.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D448]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

C1.31 The operator shall limit the firing rate to no more than 144 MM Btu per hour.

For the purpose of this condition, firing rate shall be defined as heat input to this equipment based on the higher heating value (HHV) of the fuel gas used.

To comply with this condition, the operator shall install and maintain a(n) continuous monitoring system to accurately indicate the energy input being supplied to the heater.

The operator shall also install and maintain a device to continuously record the parameter being measured.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D12]

C1.32 The operator shall limit the throughput to no more than 750000 barrel(s) in any one month.

For the purpose of this condition, throughput shall be defined as the combined throughput of product gasoline, reformate alkylate, toluene, raffinate, iso-octane, and FCC gasoline.

The operator shall comply with the following throughput measurement practices.

The operator shall calculate the throughput, in barrels, by the following equation: V/H (subscript: t) x H (subscript: a), where V is the volume of the tank in barrels based on the most recent version of the API Standard 2550, H (subscript: t) is the height of the tank based on the tank strapping chart and H (subscript: a) is total vertical one-way liquid surface level travel in feet per month.

The operator shall calculate the incremental throughput volumes based on the one-way liquid surface level movement, in feet. The sum of the incremental throughput volumes shall be calculated on a monthly basis.

An automatic tank level gauge (ATLG) shall be used to continuously monitor and record the liquid surface level movement. Continuous monitoring and recording are defined as every 15 minutes. The ATLG shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than 0.8 percent or 1 inch, whichever is greater, the ATLG shall be repaired.

While the ATLG is being repaired, the throughput shall be determined by the hourly tank level data averaged from the previous 30 days, prior to discovery of discrepancy.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D1460]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

- C1.34 The operator shall limit the operating time to no more than 240 hour(s) in any one calendar month.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D1477]

- C1.38 The operator shall limit the throughput to no more than 850000 barrel(s) in any one calendar month.

The operator shall comply with the following throughput measurement practices.

The operator shall calculate the throughput, in barrels, by the following equation: $0.14 \times D \times D \times L$, where D is the diameter of the tank in feet based on the tank strapping chart and L is the total vertical one-way roof travel in feet per month.

The operator shall install and maintain an automatic tank level gauge (ATLG) and recorder to continuously record the vertical movement of the roof. For the purpose of this condition, continuous recording is defined as once per hour.

The operator shall calculate the total one-way roof movement, in feet, on a daily and monthly basis.

The ATLG installed shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than 1.0 inch or 0.8%, whichever is greater, the ATLG shall be repaired and put back into service within 10 days. While the ATLG is being repaired, the throughput shall be determined by the hourly tank level data averaged from the previous 30 days prior to the discovery of the discrepancy.

In the event of a failure or routine maintenance of the ATLG, the ATLG shall be repaired (if necessary) and put back into service within 10 days of the time that the ATLG failed or was removed from service for maintenance. While the ATLG is being repaired or maintained, the throughput shall be determined by the hourly tank level data averaged from the previous 30 days prior to time that the ATLG went out of service.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D257]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

C1.40 The operator shall limit the throughput to no more than 620000 barrel(s) in any one calendar month.

The operator shall comply with the following throughput measurement practices.

The operator shall calculate the throughput, in barrels, by the following equation: $0.14 \times D \times D \times L$, where D is the diameter of the tank in feet based on the tank strapping chart and L is the total vertical one-way roof travel in feet per month.

The operator shall install and maintain an automatic tank level gauge (ATLG) and recorder to continuously record the vertical movement of the roof. For the purpose of this condition, continuous recording is defined as once per hour.

The operator shall calculate the total one-way roof movement, in feet, on a daily and monthly basis.

The ATLG installed shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than 1.0 inch or 0.8%, whichever is greater, the ATLG shall be repaired and put back into service within 10 days. While the ATLG is being repaired, the throughput shall be determined by the hourly tank level data averaged from the previous 30 days prior to the discovery of the discrepancy.

In the event of a failure or routine maintenance of the ATLG, the ATLG shall be repaired (if necessary) and put back into service within 10 days of the time that the ATLG failed or was removed from service for maintenance. While the ATLG is being repaired or maintained, the throughput shall be determined by the hourly tank level data averaged from the previous 30 days prior to time that the ATLG went out of service.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D261]

C6.1 The operator shall use this equipment in such a manner that the hydrocarbon concentration being monitored, as indicated below, does not exceed 30 percent of the Lower Explosive Limit.

The operator shall use an explosimeter or equivalent device to monitor the hydrocarbon concentration in the vapor space above the internal floating roof twice a year at 4 to 8 months interval.

[RULE 463, 5-6-2005]

[Devices subject to this condition : D1460]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

- C6.2 The operator shall use this equipment in such a manner that the pressure being monitored, as indicated below, does not exceed 80 Psia.

To comply with this condition, the operator shall install and maintain a(n) pressure gauge to accurately indicate the pressure being supplied to the abrasive blasting nozzle.

[**RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002**]

[Devices subject to this condition : D1477]

- C6.3 The operator shall use this equipment in such a manner that the differential pressure being monitored, as indicated below, does not exceed 3 inches water column.

To comply with this condition, the operator shall install and maintain a(n) differential pressure gauge to accurately indicate the differential pressure across the two filter cartridges.

[**RULE 1140, 2-1-1980; RULE 1140, 8-2-1985; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984; RULE 404, 2-7-1986; RULE 405, 2-7-1986**]

[Devices subject to this condition : D1477]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

- C12.1 The operator shall use this equipment in such a manner that the ESP daily average voltage and secondary current (or total power input) being monitored as indicated below are greater than or equal to the average value in the most recent source test which demonstrated compliance with the emission limits.

The operator shall install and maintain a continuous monitoring and recording system to accurately measure and record the:

1. current
2. voltage

at each ESP field. In addition, the operator shall keep records, in a manner approved by the District, for each of these parameters.

If the daily average ESP total power input falls below the level measured in the most recent source test which demonstrated compliance with the emission limit, a source test shall be performed within 90 days at the new minimum daily average ESP total power level. The source test shall be performed according to the requirements specified in Permit Condition D29.12.

This condition shall become effective when the initial Title V permit is issued to the facility.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984; RULE 404, 2-7-1986; RULE 405, 2-7-1986; 40CFR 60 Subpart J, 10-4-1991]

[Devices subject to this condition : C39]

D. Monitoring/Testing Requirements

- D12.2 The operator shall install and maintain a(n) non-resettable elapsed time meter to accurately indicate the elapsed operating time of the engine.

[RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996; RULE 2012, 5-6-2005]

[Devices subject to this condition : D992, D993, D994, D995, D996, D997, D1021, D1022, D1259, D1305]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

- D12.3 The operator shall install and maintain a(n) differential pressure gauge to accurately indicate the differential pressure across the PRV at the Carbon Adsorption Tower or a pressure gauge to indicate the backpressure in the vapor recovery system.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : C1029]

- D12.5 The operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature across the catalyst bed.

The operator shall also install and maintain a device to continuously record the parameter being measured.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : C13]

- D12.6 The operator shall install and maintain a(n) differential pressure gauge to accurately indicate the differential pressure across the the catalyst bed.

The operator shall also install and maintain a device to continuously record the parameter being measured.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : C13]

- D12.7 The operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature at the inlet of the SCR bed.

The operator shall also install and maintain a device to continuously record the parameter being measured.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : C431, C770]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

- D12.8 The operator shall install and maintain a(n) thermocouple or any other equivalent device to accurately indicate the presence of a flame at the pilot light.

The operator shall also install and maintain a device to continuously record the parameter being measured.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; 40CFR 60 Subpart A, 4-9-1993]

[Devices subject to this condition : C400, C401, C402, C403]

- D28.4 The operator shall conduct source test(s) in accordance with the following specifications:

The test shall be conducted to determine the NH₃ emissions at the outlet.

The test shall be conducted at least annually.

The test shall be conducted when the combustion equipment vented to the SCR is operating at 80 percent or greater of its maximum design heat rating, or within a capacity approved by the District, with ammonia injection.

The District shall be notified of the date and time of the test at least 10 days prior to the test.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : C431, C770]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D28.11 The operator shall conduct source test(s) in accordance with the following specifications:

The District shall be notified of the date and time of the test at least 10 days prior to the test.

The test shall be conducted when this equipment is operating at 80 percent or greater of its maximum design heat rating, or within a capacity approved by the District.

The test shall be conducted to determine the CO emissions at the outlet.

The test shall be conducted at least annually.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 407, 4-2-1982]

[Devices subject to this condition : D9, D59, D60, D73, D377]

D28.13 The operator shall conduct source test(s) in accordance with the following specifications:

The test shall be conducted yearly to determine the NH₃ emissions.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : C13, C379]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D29.1 The operator shall conduct source test(s) for the pollutant(s) identified below.

| Pollutant(s) to be tested | Required Test Method(s) | Averaging Time | Test Location |
|---------------------------|--------------------------|----------------|--|
| ROG emissions | Approved District method | 1 hour | Outlet of the SCR serving this equipment |

The test shall be conducted when this equipment is operating at 80 percent or greater of its maximum design heat rating or within a capacity approved by the District.

The test(s) shall be conducted at least once every three years.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; **RULE 1303(b)(2)-Offset, 12-6-2002**]

[Devices subject to this condition : D12]

D29.2 The operator shall conduct source test(s) for the pollutant(s) identified below.

| Pollutant(s) to be tested | Required Test Method(s) | Averaging Time | Test Location |
|---------------------------|--------------------------|----------------------------------|---------------|
| PM emissions | Approved District method | District-approved averaging time | Outlet |

The test(s) shall be conducted at least annually.

The test shall be conducted when the equipment is operating under normal conditions.

Source test results shall be submitted to the District no later than 60 days after the source test was conducted

[**RULE 1303(b)(2)-Offset, 5-10-1996**; **RULE 1303(b)(2)-Offset, 12-6-2002**]

[Devices subject to this condition : D36]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D29.12 The operator shall conduct source test(s) for the pollutant(s) identified below.

| Pollutant(s) to be tested | Required Test Method(s) | Averaging Time | Test Location |
|---------------------------|--------------------------|----------------------------------|---------------|
| PM emissions | Approved District method | District-approved averaging time | Outlet |

The test(s) shall be conducted at least annually.

The test shall be conducted when the equipment is operating under normal conditions.

Source test results shall be submitted to the District no later than 60 days after the source test was conducted.

Source test results shall include the following parameters: FCCU feed rate; catalyst recirculation rate; coke burn rate; oxygen content of exhaust gases; exhaust flow rate; exhaust gas moisture content; the flue gas temperature at the outlet of the ESP; and the average current, voltage, and spark rate at each ESP fields.

This condition shall become effective when the initial Title V permit is issued to the facility.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984; RULE 404, 2-7-1986; RULE 405, 2-7-1986; 40CFR 60 Subpart J, 10-4-1991]

[Devices subject to this condition : D36]

D82.3 The operator shall install and maintain a CEMS to measure the following parameters:

CO concentration in ppmv

Oxygen concentration in percent volume

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D36]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

- D90.1 The operator shall periodically monitor the VOC concentration at the outlet of the carbon adsorber according to the following specifications:

The operator shall monitor once every day.

The operator shall use an appropriate analyzer in accordance with EPA test method 21 to monitor the parameter.

The operator shall calibrate the instrument used to monitor the parameter in ppmv methane.

[RULE 1178, 4-7-2006; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 463, 5-6-2005; 40CFR 60 Subpart Kb, 10-15-2003; 40CFR 61 Subpart FF, 12-4-2003]

[Devices subject to this condition : C308, C310, C612, C613]

- D90.2 The operator shall periodically monitor the pH of the scrubbing solution in the scrubber according to the following specifications:

The operator shall monitor once daily when the equipment is in service.

This condition shall become effective when the initial Title V permit is issued to the facility.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 407, 4-2-1982; RULE 468, 10-8-1976; 40CFR 60 Subpart J, 10-4-1991]

[Devices subject to this condition : D142]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

- D90.3 The operator shall continuously monitor the H2S concentration in the fuel gas before being burned in this device according to the following specifications:

The operator shall use an NSPS Subpart J approved instrument meeting the requirements of 40CFR60 Subpart J to monitor the parameter.

The operator shall also install and maintain a device to continuously record the parameter being monitored.

The operator may monitor the H2S concentration at a single location for fuel combustion devices, if monitoring at this location accurately represents the concentration of H2S in the fuel gas being burned in this device.

[40CFR 60 Subpart J, 10-4-1991]

[Devices subject to this condition : D3, D6, D8, D9, D12, D22, D38, D52, D53, D59, D60, D73, D74, D98, D377, D378, D429, D430, D768]

- D90.4 The operator shall monitor the opacity at the stack according to the following specifications:

The operator shall maintain and operate the opacity meter and record the readings as required pursuant to 40CFR60, Subpart J at all times except during periods of required maintenance and malfunction of the opacity meter.

[40CFR 60 Subpart J, 10-4-1991]

[Devices subject to this condition : D36]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

- D90.5 The operator shall monitor the VOC concentration at the outlet of the first carbon adsorber according to the following specifications:

The operator shall monitor the VOC concentration at the outlet of the first carbon adsorber whenever the tank vented to this equipment is being filled.

The operator shall use an appropriate analyzer to monitor the parameter.

The operator shall calibrate the instrument used to monitor the parameter in accordance with EPA test method 21 in ppmv methane.

[RULE 1178, 4-7-2006; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 463, 5-6-2005; 40CFR 60 Subpart Kb, 10-15-2003; 40CFR 61 Subpart FF, 12-4-2003]

[Devices subject to this condition : C1207]

- D135.1 The operator shall inspect, adjust, and certify the ignition or fuel injection timing of this engine a minimum of once every 3 years of operation. Inspections, adjustments, and certifications shall be performed by a qualified mechanic and performed in accordance with the engine manufacturer's specifications and procedures.

[RULE 2005, 5-6-2005]

[Devices subject to this condition : D1021, D1022, D1259, D1305]

- D232.1 The operator shall install and maintain a continuous emission monitoring device to accurately indicate the non-methane hydrocarbon concentration in the effluent from the onstream carbon bed when device D197 is not in idle status.

[RULE 462, 5-14-1999]

[Devices subject to this condition : C1029]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D238.1 All hydrofluoric acid sensors shall be electronically linked to the District's hydrofluoric acid emergency monitoring Central Station via a Remote Terminal Unit (RTU) which has been approved by the Executive Officer.

The RTU shall be operated such that an alarm message shall be transmitted to the District's Central Station via the RTU when any hydrofluoric acid sensor detects a concentration of 6 ppm or more of hydrofluoric acid.

All hydrofluoric acid sensors shall be calibrated monthly. Calibration reports shall be generated and electronically sent to the District's Central Station via the RTU in real time.

This condition shall not apply during the hydrofluoric acid sensor or RTU breakdown if all of the following requirement(s) are met:

1. The breakdown did not result from operator error, neglect, improper operation or poor maintenance.
2. Steps are immediately taken to repair or rectify the condition causing the breakdown.
3. The District Central Station or the Executive Officer is notified of the breakdown within 8 hours of its occurrence.

This condition shall not apply also during:

1. Routine quarterly maintenance of the affected equipment, with the prior approval of the Executive Officer.

[RULE 1401, 3-4-2005]

[Devices subject to this condition : D1008, D1011, D1137, D1138]

D322.1 The operator shall perform annual inspection of the equipment and filter media for leaks, broken or torn filter media, and improperly installed filter media.

This condition shall become effective when the initial Title V permit is issued to the facility.

[RULE 1140, 2-1-1980; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984; RULE 404, 2-7-1986; RULE 405, 2-7-1986]

[Devices subject to this condition : D946, E1391]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D322.2 The operator shall perform annual inspection of the equipment and filter media for leaks, broken or torn filter media, and improperly installed filter media.

To comply with this condition, the operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

This condition shall become effective when the initial Title V permit is issued to the facility.

[RULE 1140, 2-1-1980; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984; RULE 404, 2-7-1986; RULE 405, 2-7-1986]

[Devices subject to this condition : D1477]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D323.1 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever there is a public complaint of visible emissions, whenever visible emissions are observed, and on an annual basis, at least, unless the equipment did not operate during the entire annual period. The routine annual inspection shall be conducted while the equipment is in operation and during daylight hours.

If any visible emissions (not including condensed water vapor) are detected that last more than three minutes in any one hour, the operator shall verify and certify within 24 hours that the equipment causing the emission and any associated air pollution control equipment are operating normally according to their design and standard procedures and under the same conditions under which compliance was achieved in the past, and either:

- 1). Take corrective action(s) that eliminates the visible emissions within 24 hours and report the visible emissions as a potential deviation in accordance with the reporting requirements in Section K of this permit; or
- 2). Have a CARB-certified smoke reader determine compliance with the opacity standard, using EPA Method 9 or the procedures in the CARB manual "Visible Emission Evaluation", within three business days and report any deviations to AQMD.

The operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

- 1). Stack or emission point identification;
- 2). Description of any corrective actions taken to abate visible emissions;
- 3). Date and time visible emission was abated; and
- 4). All visible emission observation records by operator or a certified smoke reader.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984]

[Devices subject to this condition : D23, D24, D25, D26, D27, D28, D29, D30, D31, D40, D41, D68, D69, D933, D934, D935, D936, D937, D938, D939, D1231, D1232, D1233]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D323.2 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever there is a public complaint of visible emissions, whenever visible emissions are observed, and on a semi-annual basis, at least, unless the equipment did not operate during the entire semi-annual period. The routine semi-annual inspection shall be conducted while the equipment is in operation and during daylight hours.

If any visible emissions (not including condensed water vapor) are detected that last more than three minutes in any one hour, the operator shall verify and certify within 24 hours that the equipment causing the emission and any associated air pollution control equipment are operating normally according to their design and standard procedures and under the same conditions under which compliance was achieved in the past, and either:

- 1). Take corrective action(s) that eliminates the visible emissions within 24 hours and report the visible emissions as a potential deviation in accordance with the reporting requirements in Section K of this permit; or
- 2). Have a CARB-certified smoke reader determine compliance with the opacity standard, using EPA Method 9 or the procedures in the CARB manual "Visible Emission Evaluation", within three business days and report any deviations to AQMD.

The operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

- 1). Stack or emission point identification;
- 2). Description of any corrective actions taken to abate visible emissions;
- 3). Date and time visible emission was abated; and
- 4). All visible emission observation records by operator or a certified smoke reader.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984]

[Devices subject to this condition : D10, D11, D14, D15, C400, C401, C402, C403]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

- D328.1 The operator shall determine compliance with the CO emission limit(s) either: (a) conducting a source test at least once every five years using AQMD Method 100.1 or 10.1; or (b) conducting a test at least annually using a portable analyzer and AQMD-approved test method. The test shall be conducted when the equipment is operating under normal conditions to demonstrate compliance with the CO emission limit(s). The operator shall comply with all general testing, reporting, and recordkeeping requirements in Sections E and K of this permit.

This condition shall become effective when the initial Title V permit is issued to the facility.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 407, 4-2-1982]

[Devices subject to this condition : D3, D6, D8, D12, D22, D52, D53, D98, D378, D429, D768]

- D330.1 The operator shall have a person that has been trained in accordance with Rule 461(d)(5) conduct a semi-annual inspection of the gasoline transfer and dispensing equipment. The first inspection shall be in accordance with Rule 461, Attachment B, the second inspection shall be in accordance with Rule 461, Attachment C, and the subsequent inspections shall alternate protocols. The operator shall keep records of the inspection and the repairs in accordance to Rule 461 and Section K of this Permit.

This condition shall become effective when the initial Title V permit is issued to the facility.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 461, 6-3-2005]

[Devices subject to this condition : D983]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D381.1 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever there is a public complaint of visible emissions, whenever visible emissions are observed, and on an annual basis, at least, unless the equipment did not operate during the entire annual period. The routine annual inspection shall be conducted while the equipment is in operation and during daylight hours. If any visible emissions (not including condensed water vapor) are detected, the operator shall take corrective action(s) that eliminates the visible emissions within 24 hours and report the visible emissions as a potential deviation in accordance with the reporting requirements in Section K of this permit.

The operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

- 1). Stack or emission point identification;
- 2). Description of any corrective actions taken to abate visible emissions; and
- 3). Date and time visible emission was abated.

This condition shall become effective when the initial Title V permit is issued to the facility.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984]

[Devices subject to this condition : D946, E1391, D1477]

E. Equipment Operation/Construction Requirements

E71.1 The operator shall only use this equipment during FCC unit startup.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D38]

E71.5 The operator shall only use plate-type catalyst in this equipment during operation.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : C13]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

- E73.1 Notwithstanding the requirements of Section E conditions, the operator may, at his discretion, choose not to use ammonia injection if:

The inlet temperature of the SCR reactor is below 475 Deg F.

The operator shall install and maintain a temperature gauge to accurately indicate the temperature at the inlet of the SCR bed. The operator shall also install and maintain a device to continuously record the temperature being measured.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : C431, C770]

- E102.1 The operator shall discharge dust collected in this equipment only into closed containers.

The containers shall remain closed except when dust is being transferred out of the container.

This condition shall become effective when the initial Title V permit is issued to the facility.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984; RULE 404, 2-7-1986; RULE 405, 2-7-1986]

[Devices subject to this condition : C39, E1391]

- E102.2 The operator shall discharge dust collected in this equipment only into closed containers.

[RULE 1140, 2-1-1980; RULE 1140, 8-2-1985]

[Devices subject to this condition : D1477]

- E125.1 The operator shall drive all the outgoing petroleum coke trucks, whether filled or empty, through the truck wash system in order to thoroughly wash any residual coke off the exterior of the trucks.

[RULE 1158, 6-11-1999]

[Devices subject to this condition : D1231, D1232, D1233]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

E128.1 The operator shall keep all spent carbon in a tightly covered container which shall remain closed except when it is being transferred into or out of the container.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : C1207]

E144.1 The operator shall vent this equipment, during filling, only to the vessel from which it is being filled.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D186, D190, D191, D449]

E153.1 The operator shall change over the carbon in the adsorber whenever breakthrough occurs.

For the purpose of this condition, breakthrough occurs when the hydrocarbon monitor reading indicates a concentration of 500 ppmv at the outlet of the operating carbon adsorber.

[RULE 1178, 4-7-2006; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 463, 5-6-2005; 40CFR 60 Subpart Kb, 10-15-2003; 40CFR 61 Subpart FF, 12-4-2003]

[Devices subject to this condition : C308, C310, C612, C613]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

E153.2 The operator shall change over the carbon in the adsorber whenever breakthrough occurs.

For the purpose of this condition, breakthrough occurs when the lab results of the grab sample analysis indicate VOC concentration of 500 ppmv or greater at the outlet of the first carbon adsorber.

The operator shall collect a sample using District grab sample method when a VOC monitoring instrument calibrated with methane indicates a concentration of 500 ppmv or greater at the outlet of the first carbon adsorber. The operator shall submit the sample for lab analysis within 24 hours.

Change-out shall occur within 48 hours after breakthrough.

When changing out the carbon, the operator shall remove the carbon adsorber in the first carbon adsorber (lead adsorber) position, move the second carbon adsorber (lag adsorber) to the lead adsorber position and place the fresh carbon in the lag carbon adsorber position.

Alternatively, the operator shall replace both the first and second carbon adsorbers with fresh carbon.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

[RULE 1178, 4-7-2006; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 463, 5-6-2005; 40CFR 60 Subpart Kb, 10-15-2003; 40CFR 61 Subpart FF, 12-4-2003]

[Devices subject to this condition : C1207]

E193.1 The operator shall construct, operate, and maintain this equipment according to the following specifications:

All new gate valves 4" and smaller in hydrocarbon or sour gas service shall be sealed bellows type. All new globe valves 8" and smaller in hydrocarbon or sour gas service shall be sealed bellows type.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D444, D445]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

E193.2 The operator shall operate and maintain this equipment according to the following specifications:

The operator shall comply with all applicable requirements specified in Section 60.18 of the 40CFR60 Subpart A

[40CFR 60 Subpart A, 4-9-1993]

[Devices subject to this condition : C400, C401, C402, C403]

E202.2 The operator shall clean and maintain this equipment according to the following specifications:

The operator shall regularly wash the overhead structures and the ground area down to the coke laden water return system to avoid accumulation of coke dust.

[RULE 1158, 6-11-1999]

[Devices subject to this condition : D23, D24, D25, D26, D27, D28, D29, D30, D31]

E336.3 The operator shall vent the vent gases from this equipment as follows:

All acid gases under normal operating conditions shall be directed to the sulfur recovery unit(s) which is in full use and has- a valid permit to receive vent gases from this equipment.

All emergency vent gases shall be directed to a blowdown flare system which is in full use and has- a valid permit to receive vent gases from this equipment.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D650, D835, D1252]

H. Applicable Rules

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

H23.1 This equipment is subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|-------------|---------------|--------------|
| H2S | District Rule | 465 |
| VOC | District Rule | 465 |

[RULE 465, 8-13-1999]

[Devices subject to this condition : D849, D850, D894, D907, D1290, D1291, D1292, D1293, D1294, D1299]

H23.3 This equipment is subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|-------------|---------------|--------------|
| VOC | District Rule | 1176 |

[RULE 1176, 9-13-1996]

[Devices subject to this condition : D973, D977]

H23.4 This equipment is subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|-------------|------------------|--------------|
| VOC | District Rule | 1176 |
| VOC | 40CFR60, SUBPART | QQQ |

[RULE 1176, 9-13-1996; 40CFR 60 Subpart QQQ, 5-5-1989]

[Devices subject to this condition : D1468, D1469, D1470, D1471, D1472]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

H23.5 This equipment is subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|-------------|------------------|--------------|
| H2S | 40CFR60, SUBPART | J |

[40CFR 60 Subpart J, 10-4-1991]

[Devices subject to this condition : D3, D6, D8, D9, D12, D22, D38, D52, D53, D59, D60, D73, D74, D98, D377, D378, C402, C403, D429, D430, D768]

H23.6 This equipment is subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|-------------|------------------|--------------|
| VOC | 40CFR60, SUBPART | Ka |

[40CFR 60 Subpart Ka, 5-5-1989]

[Devices subject to this condition : D217, D218, D268, D269, D270, D271, D272, D273, D274, D275]

H23.7 This equipment is subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|-------------|------------------|--------------|
| VOC | 40CFR60, SUBPART | K |

[40CFR 60 Subpart K, 5-5-1989]

[Devices subject to this condition : D255, D256, D257, D258, D259, D260, D261, D262, D263, D264, D265, D266]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

H23.8 This equipment is subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|--------------|------------------|--------------|
| Refrigerants | District Rule | 1415 |
| Refrigerants | 40CFR82, SUBPART | F |

[RULE 1415, 10-14-1994; **40CFR 82 Subpart F, 5-14-1993**]

[Devices subject to this condition : E1386]

H23.9 This equipment is subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|----------------------|---------------|--------------|
| Chromium, Hexavalent | District Rule | 1404 |

[RULE 1404, 4-6-1990]

[Devices subject to this condition : E1388]

H23.10 This equipment is subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|-------------|---------------|--------------|
| Halon | District Rule | 1418 |

[RULE 1418, 9-10-1999]

[Devices subject to this condition : E1396]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

H23.11 This equipment is subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|-------------|------------------|--------------|
| VOC | 40CFR60, SUBPART | Kb |

[40CFR 60 Subpart Kb, 10-15-2003]

[Devices subject to this condition : D267, D448, D864, D868, D1460]

H23.12 This equipment is subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|-------------|------------------|--------------|
| VOC | 40CFR60, SUBPART | Ka |
| VOC | District Rule | 1149 |

[RULE 1149, 7-14-1995; 40CFR 60 Subpart Ka, 5-5-1989]

[Devices subject to this condition : D221, D252]

H23.13 This equipment is subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|-------------|------------------|--------------|
| VOC | District Rule | 463 |
| VOC | District Rule | 1178 |
| VOC | 40CFR60, SUBPART | Kb |
| Benzene | 40CFR61, SUBPART | FF |

[RULE 1178, 4-7-2006; RULE 463, 5-6-2005; 40CFR 60 Subpart Kb, 10-15-2003; 40CFR 61 Subpart FF, 12-4-2003]

[Devices subject to this condition : D253]

**FACILITY PERMIT TO OPERATE
 ULTRAMAR INC (NSR USE ONLY)**

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

H23.14 This equipment is subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|-------------|------------------|--------------|
| VOC | District Rule | 463 |
| VOC | District Rule | 1149 |
| VOC | District Rule | 1178 |
| VOC | 40CFR60, SUBPART | Kb |

[RULE 1149, 7-14-1995; RULE 1178, 4-7-2006; RULE 463, 5-6-2005; 40CFR 60 Subpart Kb, 10-15-2003]

[Devices subject to this condition : D307, D309]

H23.16 This equipment is subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|-------------|------------------|--------------|
| VOC | District Rule | 1173 |
| VOC | 40CFR60, SUBPART | GGG |

[RULE 1173, 5-13-1994; RULE 1173, 6-1-2007; 40CFR 60 Subpart GGG, 6-7-1985]

[Devices subject to this condition : D1327, D1328, D1342, D1351, D1363, D1364]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

H23.17 This equipment is subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|-------------|---------------|--------------|
| VOC | District Rule | 1173 |

[RULE 1173, 5-13-1994; RULE 1173, 6-1-2007]

[Devices subject to this condition : D872, D1310, D1312, D1314, D1317, D1318, D1319, D1321, D1323, D1325, D1331, D1333, D1334, D1336, D1337, D1338, D1339, D1340, D1341, D1343, D1344, D1345, D1346, D1347, D1348, D1352, D1354, D1355, D1357, D1358, D1365, D1366, D1367, D1368, D1369, D1370, D1418, D1442, D1623, D1624, D1625, D1626]

H23.19 This equipment is subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|-------------|---------------|--------------|
| VOC | District Rule | 462 |

[RULE 462, 5-14-1999]

[Devices subject to this condition : D197]

H23.20 This equipment is subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|--------------|------------------|--------------|
| Refrigerants | District Rule | 1411 |
| Refrigerants | 40CFR82, SUBPART | B |

[RULE 1411, 3-1-1991; 40CFR 82 Subpart B, 7-14-1992]

[Devices subject to this condition : E1389]

**FACILITY PERMIT TO OPERATE
 ULTRAMAR INC (NSR USE ONLY)**

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

H23.21 This equipment is subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|-------------|---------------|--------------|
| VOC | District Rule | 1122 |

[RULE 1122, 10-1-2004]

[Devices subject to this condition : E1387]

H23.23 This equipment is subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|-------------|---------------|--------------|
| PM | District Rule | 1140 |

[RULE 1140, 2-1-1980; RULE 1140, 8-2-1985]

[Devices subject to this condition : D1477]

H23.25 This equipment is subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|-------------|------------------|--------------|
| Benzene | 40CFR61, SUBPART | FF |

[40CFR 61 Subpart FF, 12-4-2003]

[Devices subject to this condition : D219, D220, D222, D223, D224, D252, D307, D309]

**FACILITY PERMIT TO OPERATE
 ULTRAMAR INC (NSR USE ONLY)**

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

H23.26 This equipment is subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|-------------|---------------|--------------|
| PM | District Rule | 1470 |

[RULE 1470, 11-3-2005]

[Devices subject to this condition : D992, D993, D994, D995, D996, D997, D1021, D1022, D1259, D1305]

H23.29 This equipment is subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|-------------|------------------|--------------|
| HAPs | 40CFR63, SUBPART | EEEE |

[40CFR 63 Subpart EEEE, 7-28-2006]

[Devices subject to this condition : D185]

H23.30 This equipment is subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|-------------|---------------|--------------|
| SOX | District Rule | 1118 |

[RULE 1118, 11-4-2005]

[Devices subject to this condition : C400, C401, C402, C403]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

H116.2 The operator shall maintain the moisture content of coke in this equipment at least 12 percent in order to comply with SCAQMD Regulation XIII whenever this facility is in operation.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D1231, D1232, D1233]

H116.4 The operator shall store petroleum coke in this equipment only in order to comply with SCAQMD Rule 1158 whenever this facility is in operation.

[RULE 1158, 6-11-1999]

[Devices subject to this condition : D1231, D1232, D1233]

H116.5 The operator shall wash down daily the ground area below the Hydrobins to prevent accumulation of dust which may become airborne in order to comply with SCAQMD Rule 403 whenever this facility is in operation.

[RULE 403, 4-2-2004; RULE 403, 6-3-2005]

[Devices subject to this condition : D1231, D1232, D1233]

I. Administrative

I1.1 The operator shall comply with all the requirements of the variance dated May 8, 2007, Case No. 3845-69 in accordance with the Findings and Decisions of the Hearing Board. The operator shall submit progress reports at least semi-annually, or more frequently if specified in the Findings and Decisions. The progress reports shall contain dates for achieving activities, milestones or compliance required in the schedule of compliance and dates when such activities, milestones or compliance were achieved; and an explanation of why any dates in the schedule of compliance were not, or will not be met, and any preventative or corrective measures adopted.

The granting of the variance in no way affects federal or citizen enforceability of the underlining SIP approved rules for which the applicant is receiving the variance.

[RULE 3004(a)(10)(C), 12-12-1997]

[Devices subject to this condition : C401, C402, C403]

J. Rule 461

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

- J109.1 The operator shall use, except for diesel transfer, the phase I vapor recovery system in full operation whenever this equipment is in use. This system shall be installed, operated and maintained to meet all CARB certification requirements.

[RULE 461, 6-3-2005]

[Devices subject to this condition : D990]

- J110.1 The operator shall use, except for diesel transfer, the phase II vapor recovery system in full operation whenever gasoline from this equipment is dispensed to motor vehicles as defined in Rule 461. This system shall be installed, operated and maintained to meet all CARB certification requirements.

[RULE 461, 6-3-2005]

[Devices subject to this condition : D983]

K. Record Keeping/Reporting

- K67.1 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

fuel rate and heating value of the fuel gas

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D12]

- K67.2 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Date, time, fuel consumption and purpose of operation.

[RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996; RULE 2012, 5-6-2005]

[Devices subject to this condition : D992, D993, D994, D995, D996, D997, D1021, D1022, D1259, D1305]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

K67.4 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

For architectural applications where no thinners, reducers, or other VOC containing materials are added, maintain semi-annual records for all coating consisting of (a) coating type, (b) VOC content as supplied in grams per liter (g/l) of materials for low-solids coatings, (c) VOC content as supplied in g/l of coating, less water and exempt solvent, for other coatings.

For architectural applications where thinners, reducers, or other VOC containing materials are added, maintain daily records for each coating consisting of (a) coating type, (b) VOC content as applied in grams per liter (g/l) of materials used for low-solids coatings, (c) VOC content as applied in g/l of coating, less water and exempt solvent, for other coatings.

This condition shall become effective when the initial Title V permit is issued to the facility.

[RULE 1113, 11-8-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : E1394]

K67.5 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Daily inspections and maintenance of all the ammonia valves at this equipment

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D1009]

K67.6 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Throughput and vapor pressure of stored liquid.

This condition shall become effective when the initial Title V permit is issued to the facility.

[RULE 1178, 4-7-2006; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 463, 5-6-2005]

[Devices subject to this condition : D219, D220, D222, D223, D224, D234, D245, D253, D259, D274, D275, D276, D277, D278, D279, D283, D974, D975, D979, D980, D981, D982]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

K67.7 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Tank throughput in barrels per month.

Commodity/product stored and time period of its storage.

Vapor pressure, in psia, of each batch of commodity/product stored.

Hydrocarbon concentration measurements done in the vapor space above the floating roof of the tank.

Other records that may be required to comply with the applicable requirements of District Rules 463, 1173 & 1178, and 40 CFR60, Subparts Kb & GGG.

Records shall be kept and maintained for at least five years, and shall be made available to the Executive Officer or his authorized representative upon request.

[**RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]**

[Devices subject to this condition : D1460]

K67.8 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

The name of the person performing the inspection and/or maintenance of the filter media

The date, time, and results of the inspection

The date, time, and description of any maintenance or repairs resulting from the inspection

This condition shall become effective when the initial Title V permit is issued to the facility.

[**RULE 1140, 2-1-1980; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984; RULE 404, 2-7-1986; RULE 405, 2-7-1986]**

[Devices subject to this condition : D946, E1391, D1477]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

K67.9 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Monitoring data for VOC including measurement method used and date of analysis.

Date of replacement of carbon canister.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : C1207]

K171.1 The operator shall provide to the District the following items:

The required annual test may commence without prior approval from the District, if it is conducted according to a source test protocol previously approved by the District for this equipment. A copy of the approval letter shall be submitted to the District at least 30 days prior to the test.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 2011, 5-6-2005; RULE 2012, 5-6-2005]

[Devices subject to this condition : D9, D59, D60, D73, C431]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION E: ADMINISTRATIVE CONDITIONS

The operating conditions in this section shall apply to all permitted equipment at this facility unless superseded by condition(s) listed elsewhere in this permit.

1. The permit shall remain effective unless this permit is suspended, revoked, modified, reissued, denied, or it is expired for nonpayment of permit processing or annual operating fees. [201, 203, 209, 301]
 - a. The permit must be renewed annually by paying annual operating fees, and the permit shall expire if annual operating fees are not paid pursuant to requirements of Rule 301(d). [301(d)]
 - b. The Permit to Construct listed in Section H shall expire one year from the Permit to Construct issuance date, unless a Permit to Construct extension has been granted by the Executive Officer or unless the equipment has been constructed and the operator has notified the Executive Officer prior to the operation of the equipment, in which case the Permit to Construct serves as a temporary Permit to Operate. [202, 205]
 - c. The Title V permit shall expire as specified under Section K of the Title V permit. The permit expiration date of the Title V facility permit does not supercede the requirements of Rule 205. [205, 3004]
2. The operator shall maintain all equipment in such a manner that ensures proper operation of the equipment. [204]
3. This permit does not authorize the emissions of air contaminants in excess of those allowed by Division 26 of the Health and Safety Code of the State of California or the Rules and Regulations of the AQMD. This permit cannot be considered as permission to violate existing laws, ordinances, regulations, or statutes of other governmental agencies. [204]
4. The operator shall not use equipment identified in this facility permit as being connected to air pollution control equipment unless they are so vented to the identified air pollution control equipment which is in full use and which has been included in this permit. [204]
5. The operator shall not use any equipment having air pollution control device(s) incorporated within the equipment unless the air pollution control device is in full operation. [204]
6. The operator shall maintain records to demonstrate compliance with rules or permit conditions that limit equipment operating parameters, or the type or quantity of material processed. These records shall be made available to AQMD personnel upon request and be maintained for at least: [204]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION E: ADMINISTRATIVE CONDITIONS

- a. Three years for a facility not subject to Title V; or
 - b. Five years for a facility subject to Title V.
7. The operator shall maintain and operate all equipment to ensure compliance with all emission limits as specified in this facility permit. Compliance with emission limits shall be determined according to the following specifications, unless otherwise specified by AQMD rules or permit conditions: [204]
- a. For internal combustion engines and gas turbines, measured concentrations shall be corrected to 15 percent stack-gas oxygen content on a dry basis and be averaged over a period of 15 consecutive minutes; [1110.2, 1134, 204]
 - b. For other combustion devices, measured concentrations shall be corrected to 3 percent stack-gas oxygen content on a dry basis and be averaged over a period of 15 consecutive minutes; [1146, 1146.1, 204]
 - c. For a large NO_x source, compliance with a RECLAIM concentration limit shall be measured over a continuous 60 minutes for that source; [2012]
 - d. For non-combustion sources, compliance with emission limits shall be determined and averaged over a period of 60 minutes; [204]
 - e. For the purpose of determining compliance with Rule 407, carbon monoxide (CO) shall be measured on a dry basis and be averaged over 15 consecutive minutes, and sulfur compounds which would exist as liquid or gas at standard conditions shall be calculated as sulfur dioxide (SO₂) and be averaged over 15 consecutive minutes; [407]
 - f. For the purpose of determining compliance with Rule 409, combustion contaminant emission measurements shall be corrected to 12 percent of carbon dioxide (CO₂) at standard conditions and averaged over 15 consecutive minutes. [409]
 - g. For the purpose of determining compliance with Rule 475, combustion contaminant emission measurements shall be corrected to 3 percent of oxygen (O₂) at standard conditions and averaged over 15 consecutive minutes or any other averaging time specified by the Executive Officer. [475]
8. All equipment operating under the RECLAIM program shall comply concurrently with all provisions of AQMD Rules and Regulations, except those listed in Table 1 of Rule 2001 for NO_x RECLAIM sources and Table 2 of Rule 2001 for SO_x RECLAIM sources. Those provisions listed in Tables 1 or 2 shall not apply to NO_x or SO_x emissions after the date the facility has demonstrated compliance with all monitoring and reporting requirements of Rules 2011 or 2012, as applicable. Provisions of the listed AQMD rules in Tables 1 or 2 which have initial implementation dates in 1994 shall not apply to a RECLAIM NO_x or SO_x source, respectively. [2001]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION E: ADMINISTRATIVE CONDITIONS

9. The operator shall, when a source test is required by AQMD, provide a source test protocol to AQMD no later than 60 days before the proposed test date. The test shall not commence until the protocol is approved by AQMD. The test protocol shall contain the following information: [204, 304]
 - a. Brief description of the equipment tested.
 - b. Brief process description, including maximum and normal operating temperatures, pressures, through-put, etc.
 - c. Operating conditions under which the test will be performed.
 - d. Method of measuring operating parameters, such as fuel rate and process weight. Process schematic diagram showing the ports and sampling locations, including the dimensions of the ducts/stacks at the sampling locations, and distances of flow disturbances, (e.g. elbows, tees, fans, dampers) from the sampling locations (upstream and downstream).
 - e. Brief description of sampling and analytical methods used to measure each pollutant, temperature, flow rates, and moisture.
 - f. Description of calibration and quality assurance procedures.
 - g. Determination that the testing laboratory qualifies as an "independent testing laboratory" under Rule 304 (no conflict of interest).
10. The operator shall submit a report no later than 60 days after conducting a source test, unless otherwise required by AQMD Rules or equipment-specific conditions. The report shall contain the following information: [204]
 - a. The results of the source test.
 - b. Brief description of the equipment tested.
 - c. Operating conditions under which test will be performed.
 - d. Method of measuring operating parameters, such as fuel rate and process weight. Process schematic diagram showing the ports and sampling locations, including the dimensions of the ducts/stacks at the sampling locations, and distances of flow disturbances, (e.g. elbows, tees, fans, dampers) from the sampling locations (upstream and downstream).
 - e. Field and laboratory data forms, strip charts and analyses.
 - f. Calculations for volumetric flow rates, emission rates, control efficiency, and overall control efficiency.
11. The operator shall, when a source test is required, provide and maintain facilities for sampling and testing. These facilities shall comply with the requirements of AQMD Source Test Method 1.1 and 1.2. [217]

**FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)**

SECTION E: ADMINISTRATIVE CONDITIONS

12. Whenever required to submit a written report, notification or other submittal to the Executive Officer, AQMD, or the District, the operator shall mail or deliver the material to: Deputy Executive Officer, Engineering and Compliance, AQMD, 21865 E. Copley Drive, Diamond Bar, CA 91765-4182.
[204]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION F: RECLAIM MONITORING AND SOURCE TESTING REQUIREMENTS

The Facility shall comply with all applicable monitoring and source testing requirements in Regulation XX. These requirements may include but are not limited to the following:

I. NO_x Monitoring Conditions

A. The Operator of a NO_x Major Source, as defined in Rule 2012, shall, as applicable:

1. Install, maintain, and operate an AQMD certified direct or time-shared monitoring device or an approved alternative monitoring device for each major NO_x source to continuously measure the concentration of NO_x emissions and all other applicable variables specified in Rule 2012, Table 2012-1 and Rule 2012, Appendix A, Table 2-A to determine the NO_x emissions rate from each source. The time-sharing of CEMS among NO_x sources may be allowed by the Executive Officer in accordance with the requirements for time sharing specified in Appendix A. [2012]
2. Install, maintain, and operate a totalizing fuel meter approved by the Executive Officer for each major source. [2012]
3. If the facility is operating existing CEMS and fuel meters, continue to follow recording and reporting procedures required by AQMD Rules and Regulations in effect prior to October 15, 1993 until the CEMS is certified pursuant to Rule 2012. [2012]
4. Use valid data collected by an AQMD certified or provisionally certified CEMS in proper operation that meets all the requirements of Appendix A of Rule 2012, unless final certification of the CEMS is denied, to determine mass emissions for all purposes, including, but not limited to, determining: [2012]
 - a. compliance with the annual Allocation;
 - b. excess emissions;
 - c. the amount of penalties; and
 - d. fees.
5. Follow missing data procedures as specified in Rule 2012 Appendix A whenever valid data is not available or collected to determine mass emissions for all purposes, including, but not limited to, determining: [2012]
 - a. compliance with the annual Allocation;
 - b. excess emissions;
 - c. the amount of penalties; and
 - d. fees.

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION F: RECLAIM MONITORING AND SOURCE TESTING REQUIREMENTS

B. The Operator of a NO_x Large Source, as defined in Rule 2012, shall, as applicable:

1. Install, maintain, and operate a totalizing fuel meter and any device specified by the Executive Officer as necessary to determine monthly fuel usage or other applicable variables specified in Rule 2012, Appendix A, Table 3-A. The sharing of totalizing fuel meter may be allowed by the Executive Officer if the fuel meter serves large sources which have the same emission factor, concentration limit, or emission rate. The sharing of totalizing fuel meters shall not be allowed for large sources which are required to comply with an annual heat input limit. [2012]
2. Comply at all times with the specified NO_x concentration limit in PPM measured over any continuous 60 minutes for that source or establish an equipment-specific emission rate that is reliable, accurate, representative of that sources emissions, and in accordance with the requirements specified in Rule 2012, Appendix A, Chapter 5. [2012]

C. The Operator of a NO_x Process Unit, as defined in Rule 2012, shall, as applicable:

1. Install, maintain, and operate a totalizing fuel meter or any device approved by the Executive Officer to measure quarterly fuel usage or other applicable variables specified in Rule 2012, Table 2012-1, and Rule 2012, Appendix A, Table 4-A. The sharing of totalizing fuel meters may be allowed by the Executive Officer if the fuel meter serves process units which have the same emission factor or emission rate. The sharing of totalizing meter shall not be allowed for process units which are required to comply with an annual heat input limit. [2012]

II. NO_x Source Testing and Tune-up Conditions

1. The operator shall conduct all required NO_x source testing in compliance with an AQMD-approved source test protocol. [2012]
2. The operator shall, as applicable, conduct source tests for every large NO_x source no later than December 31, 1996 and every 3 years thereafter. The source test shall include the determination of NO_x concentration and a relative accuracy audit of the exhaust stack flow determination (e.g. in-stack flow monitor or fuel flow monitor based F-factor calculation). Such source test results shall be submitted per the schedule described by APEP. In lieu of submitting the first source test report, the facility permit holder may submit the results of a source test not more than 3 years old which meets the requirements when conducted. [2012]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION F: RECLAIM MONITORING AND SOURCE TESTING REQUIREMENTS

3. All NO_x large sources and NO_x process units shall be tuned-up in accordance with the schedule specified in Rule 2012, Appendix A, Chapter 5, Table 5-B. [2012]
4. Process Unit source testing

III. SO_x Monitoring Conditions

D. The Operator of a SO_x Major Source, as defined in Rule 2011, shall, as applicable:

1. Install, maintain, and operate an AQMD certified direct or time-shared monitoring device or an approved alternative monitoring device for each major SO_x source to continuously measure the concentration of SO_x emissions or fuel sulfur content and all other applicable variables specified in Rule 2011, Table 2011-1 and Rule 2011, Appendix A, Table 2-A to determine the SO_x emissions rate from each source. The time-sharing of CEMS among SO_x sources may be allowed by the Executive Officer in accordance with the requirements for time sharing specified in Appendix A. [2011]
2. Install, maintain, and operate a totalizing fuel meter approved by the Executive Officer for each major source. [2011]
3. If the facility is operating existing CEMS and fuel meters, continue to follow recording and reporting procedures required by AQMD Rules and Regulations in effect prior to October 15, 1993 until the CEMS is certified pursuant to Rule 2011. [2011]
4. Use valid data collected by an AQMD certified or provisionally certified CEMS in proper operation that meets all the requirements of Appendix A of Rule 2011, unless final certification of the CEMS is denied, to determine mass emissions for all purposes, including, but not limited to, determining: [2011]
 - a. compliance with the annual Allocation;
 - b. excess emissions;
 - c. the amount of penalties; and
 - d. fees.

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SECTION F: RECLAIM MONITORING AND SOURCE TESTING REQUIREMENTS

5. Follow missing data procedures as specified in Rule 2011 Appendix A whenever valid data is not available or collected to determine mass emissions for all purposes, including, but not limited to, determining: [2011]
 - a. compliance with the annual Allocation;
 - b. excess emissions;
 - c. the amount of penalties; and
 - d. fees.
- E. The Operator of a SO_x Process Unit, as defined in Rule 2011, shall, as applicable:
 1. Install, maintain, and operate a totalizing fuel meter or any device approved by the Executive Officer to measure quarterly fuel usage or other applicable variables specified in Rule 2011, Table 2011-1, and Rule 2011, Appendix A, Table 3-A. The sharing of totalizing meters shall be allowed for process units except those using fuels with different sulfur contents. [2011]

IV. SO_x Source Testing Conditions

1. The operator shall conduct all required SO_x source testing in compliance with an AQMD-approved source test protocol. [2011]

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SECTION G: RECORDKEEPING AND REPORTING REQUIREMENTS FOR RECLAIM SOURCES

The Facility shall comply with all applicable reporting and recordkeeping requirements in Regulation XX. These requirements may include but are not limited to the following:

I. Recordkeeping Requirements for all RECLAIM Sources

1. The operator shall maintain all monitoring data required to be measured or reported pursuant to Rule 2011 and Rule 2012, whichever is applicable. All records shall be made available to AQMD staff upon request and be maintained for at least:
 - a. Three years after each APEP report is submitted to AQMD for a facility not subject to Title V, unless a different time period is required in Rule 2011 or Rule 2012 [2011 & 2012]; or
 - b. Five years after each APEP report is submitted to AQMD for a facility subject to Title V. [3004(a)(4)(E)]
 - c. Notwithstanding the above, all data gathered or computed for intervals of less than 15 minutes shall only be maintained a minimum of 48 hours. [2011 & 2012]
2. The operator shall store on site and make available to the Executive Officer upon request: records used to determine emissions, maintenance records, sources test reports, relative accuracy test audit reports, relative accuracy audit reports and fuel meter calibration records. [2011 & 2012]

II. Reporting Requirements for all RECLAIM Sources

1. The operator shall submit a quarterly certification of emissions including the facility's total NO_x or SO_x emissions, whichever is applicable, for the quarter within 30 days after the end of the first three quarters and 60 days after the end of the fourth quarter of a compliance year. [2011 & 2012]

NO_x Reporting Requirements

- A. The Operator of a NO_x Major Source, as defined in Rule 2012, shall, as applicable:
 1. No later than 12 months after entry into the RECLAIM program or after the initial operation of a new major source, whichever is later, install, maintain, and operate a reporting device to electronically report everyday to the AQMD central station for each major NO_x source, the total daily mass emissions of NO_x and daily status codes. Such data

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION G: RECORDKEEPING AND REPORTING REQUIREMENTS FOR RECLAIM SOURCES

shall be transmitted by 5:00 p.m. of the following day. If the facility experiences a power, computer, or other system failure that prevents the submittal of the daily report, the Facility Permit holder shall be granted 24 hours extension to submit the report. [2012]

2. Calculate NO_x emissions pursuant to missing data procedures set forth in Appendix A, Chapter 2 of Rule 2012 if the Facility Permit holder fails to meet the deadline for submitting the daily report. [2012]
 3. Submit an electronic report within 15 days following the end of each month totaling NO_x emissions from all major NO_x sources during the month. [2012]
 4. For those facilities with existing CEMS and fuel meters as of October 15, 1993, continue to follow recording and reporting procedures required by AQMD Rules and Regulations in effect until the CEMS is certified pursuant to Rule 2011 and/or Rule 2012, as applicable. [2012]
- B. The Operator of a NO_x Large Source, as defined in Rule 2012, shall:
1. Install, maintain and operate a modem or any reporting device approved by the Executive Officer to report, to the AQMD, the total monthly NO_x mass emissions from each large NO_x source. The Operator shall comply with this requirement within 12 months of the date of entry to the RECLAIM Program. Such data shall be reported within 15 days after the end of each calendar month. [2012]
- C. The Operator of a NO_x Process Unit, as defined in Rule 2012, shall:
1. Electronically report the calculated quarterly NO_x emissions for each NO_x process unit. The Operator shall comply with this requirement within 12 months of the date of entry to the RECLAIM Program. [2012]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION G: RECORDKEEPING AND REPORTING REQUIREMENTS FOR RECLAIM SOURCES

SOx Reporting Requirements

D. The Operator of a SOx Major Source, as defined in Rule 2011, shall, as applicable:

1. No later than 12 months after entry into the RECLAIM program or after the initial operation of a new major source, whichever is later, install, maintain, and operate a reporting device to electronically report everyday to the AQMD central station for each major SOx source, the total daily mass emissions of SOx and daily status codes. Such data shall be transmitted by 5:00 p.m. of the following day. If the facility experiences a power, computer, or other system failure that prevents the submittal of the daily report, the Facility Permit holder shall be granted 24 hours extension to submit the report. [2011]
2. Calculate SOx emissions pursuant to missing data procedures set forth in Appendix A, Chapter 2 of Rule 2011 if the Facility Permit holder fails to meet the deadline for submitting the daily report. [2011]
3. Submit an electronic report within 15 days following the end of each month totaling SOX emissions from all major SOx sources during the month. [2011]
4. For those facilities with existing CEMS and fuel meters as of October 15, 1993, continue to follow recording and reporting procedures required by AQMD Rules and Regulations in effect until the CEMS is certified pursuant to Rule 2011 and/or Rule 2012, as applicable. [2011]

E. The Operator of a SOx Process Unit, as defined in Rule 2011, shall:

1. Electronically report the calculated quarterly SOx emissions for each SOx process unit. [2011]

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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|--|---|--|--|
| Process 3 : CATALYTIC CRACKING | | | | | P13.1 |
| System 1 : FCCU | | | | | S13.2, S15.5, S15.12, S42.1 |
| REACTOR, FCC, 61-R-1R, WITH CYCLONE, HEIGHT: 153 FT 10 IN; DIAMETER: 15 FT 6 IN A/N: 462069 Permit to Construct Issued: 06/21/07 | D35 | | | | |
| REGENERATOR, FCC, 61-IN-1, WITH CYCLONE, HEIGHT: 100 FT 6 IN; DIAMETER: 26 FT 6 IN WITH A/N: 462069 Permit to Construct Issued: 06/21/07 | D36 | C39 D157 D158 D166 D168 D973 D986 | NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE** | <p>CO: 500 PPMV (8) [40CFR 60 Subpart J,10-4-1991; CONSENT DECREE VALERO,6-16-2005] ; CO: 2000 PPMV (5) [RULE 407,4-2-1982]</p> <p>HAP: (10) [40CFR 63 Subpart UUU, #2,2-9-2005] ; NOX: 125 LBS/HR (7) [RULE 2005,5-6-2005] ; PM: 2 LBS/TON COKE BURNOFF (8) [40CFR 60 Subpart J,10-4-1991</p> <p>CONSENT DECREE VALERO,6-16-2005] ; PM: (9) [RULE 404,2-7-1986;RULE 405,2-7-1986] ; PM10: 2.8 LBS/1000 BBLS FRESH FEED (5) [RULE 1105.1,11-7-2003]</p> <p>SOX: 94.38 LBS/HR (7) [RULE 2005,5-6-2005]</p> | A63.4, A63.8, A99.1, A99.2, A195.2, B61.4, D29.2, D29.7, D29.12, D29.13, D82.3, D90.4, D323.1, D425.1, D425.2, E73.5, E193.3, E193.4, H23.27, K40.2, K40.3 |
| INJECTOR, STANDBY OXYGEN INJECTION | | | | | |

* (1)(1A)(1B) Denotes RECLAIM emission factor
 (3) Denotes RECLAIM concentration limit
 (5)(5A)(5B) Denotes command and control emission limit
 (7) Denotes NSR applicability limit
 (9) See App B for Emission Limits

(2)(2A)(2B) Denotes RECLAIM emission rate
 (4) Denotes BACT emission limit
 (6) Denotes air toxic control rule limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|---|--------|--------------|---|---|------------|
| Process 3 : CATALYTIC CRACKING | | | | | P13.1 |
| TANK, SURGE, 61-V-3, RAW OIL, HEIGHT: 35 FT; DIAMETER: 12 FT 6 IN A/N: 462069 Permit to Construct Issued: 06/21/07 | D37 | | | | |
| BLOWER, 61-BL-1, MAIN AIR, 80,142 CFM, SINGLE STAGE CENTRIFUGAL WITH A 8,000 HP MOTOR (REPLACES 6,000 HP MOTOR) A/N: 462069 Permit to Construct Issued: 06/21/07 | D1023 | | | | |
| VESSEL, SEPARATOR, 61-CY-3, THIRD STAGE A/N: 462069 Permit to Construct Issued: 06/21/07 | D1024 | | | | |
| TANK, SURGE, 61-V-10, FLUE GAS COOLER, HEIGHT: 20 FT; DIAMETER: 6 FT A/N: 462069 Permit to Construct Issued: 06/21/07 | D1247 | | | | |
| EJECTOR, 61-BLX-1-EJ-1 A/N: 462069 Permit to Construct Issued: 06/21/07 | D1249 | | | | |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 462069 Permit to Construct Issued: 06/21/07 | D1321 | | | HAP: (10) [40CFR 63 Subpart CC, #5A,5-25-2001] | H23.17 |

* (1)(1A)(1B) Denotes RECLAIM emission factor
 (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|--------------|---|--|---|
| Process 3 : CATALYTIC CRACKING | | | | | P13.1 |
| System 3 : FCCU CONTROL | | | | | |
| ELECTROSTATIC PRECIPITATOR, 61-PR-2, FCCU, HAMON RESEARCH-COTTRELL, SINGLE CHAMBER, 27 GAS PASSAGES WITH A/N: 458075 Permit to Construct Issued: 06/21/07 HOPPER, 8 TOTAL AMMONIA INJECTION, AQUEOUS AMMONIA | C1615 | C39 | | HAP: (10) [40CFR 63 Subpart UUU, #2,2-9-2005] ; NH3: 10 PPMV (5) [RULE 1105.1,11-7-2003] | A195.3, C12.1, D90.6, D90.7, D90.8, D90.9, E193.5, E193.6 |
| System 5 : FCCU CATALYST ADDITIVE LOADER NO. 1 | | | | | |
| STORAGE SILO, CATALYST ADDITIVE, WITH MANUAL INJECTION VACUUM SYSTEM, INTERCAT, MODEL STYLE 4A US, 5 TON CAPACITY, WITH CYCLONE, HEIGHT: 14 FT 6 IN; DIAMETER: 5 FT 2 IN A/N: 431021 Permit to Construct Issued: 09/28/04 | D1566 | C1567 | | PM: (9) [RULE 404,2-7-1986;RULE 405,2-7-1986] | B27.1, D381.1 |

* (1)(1A)(1B) Denotes RECLAIM emission factor (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|--------------|---|--|-----------------------|
| Process 3 : CATALYTIC CRACKING | | | | | P13.1 |
| FILTER, CARTRIDGE TYPE, WITH ONE FILTER CATRIDGE, INNER DIA: 3.64 IN.; CARTRIDGE TYPE, INTERNATIONAL SURFACE PREPARATION, MODEL MFP 711675201, WITH PULSE JET CLEANING, HEIGHT: 1 FT 4 IN; 33.3 SQ.FT.; DIAMETER: 7.93 IN A/N: 431021 Permit to Construct Issued: 09/28/04 | C1567 | D1566 | | | D12.10, D322.2, K67.8 |
| System 6 : FCCU CATALYST ADDITIVE LOADER NO. 2 | | | | | |
| STORAGE SILO, CATALYST ADDITIVE, WITH MANUAL INJECTION VACUUM SYSTEM, INTERCAT, MODEL STYLE 4A US, 5 TON CAPACITY, WITH CYCLONE, HEIGHT: 14 FT 6 IN; DIAMETER: 5 FT 2 IN A/N: 432476 Permit to Construct Issued: 09/28/04 | D1568 | C1569 | | PM: (9) [RULE 404,2-7-1986;RULE 405,2-7-1986] | B27.1, D381.1 |
| FILTER, CARTRIDGE TYPE, WITH ONE FILTER CATRIDGE, INNER DIA: 3.64 IN.; CARTRIDGE TYPE, INTERNATIONAL SURFACE PREPARATION, MODEL MFP 711675201, WITH PULSE JET CLEANING, WITH CYCLONE, HEIGHT: 1 FT 4 IN; 33.3 SQ.FT.; DIAMETER: 7.93 IN A/N: 432476 Permit to Construct Issued: 09/28/04 | C1569 | D1568 | | | D12.10, D322.2, K67.8 |

* (1)(1A)(1B) Denotes RECLAIM emission factor
 (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|--------------|---|---------------------------------|--|
| Process 4 : HYDROTREATING | | | | | P13.1 |
| System 1 : GAS OIL UNIBON HYDROTREATING UNIT 80 | | | | | S4.9, S13.2, S15.3, S15.5, S15.12, S31.1 |
| TANK, SURGE, FEED, 80-V-1, HEIGHT: 38 FT; DIAMETER: 12 FT A/N: 452241 Permit to Construct Issued: 08/22/06 | D43 | | | | |
| REACTOR, NO.1, 80-V-2, HEIGHT: 27 FT; DIAMETER: 13 FT A/N: 452241 Permit to Construct Issued: 08/22/06 | D918 | | | | |
| REACTOR, 80-V-3, HDA, HEIGHT: 27 FT; DIAMETER: 13 FT A/N: 452241 Permit to Construct Issued: 08/22/06 | D919 | | | | |
| COLUMN, 80-V-101, HDS STRIPPER, HEIGHT: 97 FT 4 IN; DIAMETER: 9 FT 6 IN A/N: 452241 Permit to Construct Issued: 08/22/06 | D1382 | | | | |
| VESSEL, SEPARATOR, PRODUCT, 80- V-4, HEIGHT: 30 FT; DIAMETER: 12 FT A/N: 452241 Permit to Construct Issued: 08/22/06 | D44 | | | | |
| COMPRESSOR, RECYCLE GAS, 80-C-1 A/N: 452241 Permit to Construct Issued: 08/22/06 | D553 | | | | |

* (1)(1A)(1B) Denotes RECLAIM emission factor
 (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|---|--------|--------------|---|---------------------------------|------------|
| Process 4 : HYDROTREATING | | | | | P13.1 |
| REACTOR, 80-V-103, HDA, HEIGHT: 42 FT 3 IN; DIAMETER: 13 FT A/N: 452241 Permit to Construct Issued: 08/22/06 | D1383 | | | | |
| DRUM, 80-V-102, HDS STRIPPER OVERHEAD, HEIGHT: 21 FT 4 IN; DIAMETER: 7 FT A/N: 452241 Permit to Construct Issued: 08/22/06 | D1381 | | | | |
| SCRUBBER, CHEMICAL, 80-V-6, RECYCLE GAS, HEIGHT: 43 FT; DIAMETER: 4 FT 6 IN A/N: 452241 Permit to Construct Issued: 08/22/06 | D51 | | | | |
| KNOCK OUT POT, 80-V-105, RECYCLE GAS SCRUBBER, HEIGHT: 11 FT 11 IN; DIAMETER: 4 FT A/N: 452241 Permit to Construct Issued: 08/22/06 | D1385 | | | | |
| COLUMN, 80-V-10, HDA DISTILLATE SPLITTER, HEIGHT: 74 FT; DIAMETER: 12 FT A/N: 452241 Permit to Construct Issued: 08/22/06 | D46 | | | | |
| ACCUMULATOR, 80-V-11, HDA SPLITTER, VENTED TO VAPOR RECOVERY SYSTEM, HEIGHT: 13 FT; DIAMETER: 5 FT A/N: 452241 Permit to Construct Issued: 08/22/06 | D47 | | | | |

* (1)(1A)(1B) Denotes RECLAIM emission factor
 (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|---|--------|--------------|---|---------------------------------|------------|
| Process 4 : HYDROTREATING | | | | | P13.1 |
| FRACTIONATOR, PRODUCT, 80-V-13, LENGTH: 15 FT 6 IN; DIAMETER: 6 FT A/N: 452241 Permit to Construct Issued: 08/22/06 | D49 | | | | |
| ACCUMULATOR, FRACTIONATOR, 80-V-14, HEIGHT: 15 FT; DIAMETER: 5 FT A/N: 452241 Permit to Construct Issued: 08/22/06 | D50 | | | | |
| COLUMN, DIESEL STRIPPER, 80-V-15, HEIGHT: 25 FT 6 IN; DIAMETER: 7 FT A/N: 452241 Permit to Construct Issued: 08/22/06 | D920 | | | | |
| COLUMN, STRIPPER, 80-V-16, HEIGHT: 35 FT; DIAMETER: 4 FT A/N: 452241 Permit to Construct Issued: 08/22/06 | D921 | | | | |
| DRUM, LOW PRESSURE FLASH, 80-V-9, LENGTH: 13 FT; DIAMETER: 8 FT 6 IN A/N: 452241 Permit to Construct Issued: 08/22/06 | D45 | | | | |
| VESSEL, 80-V-104, CARB DIESEL SALT DRIER, HEIGHT: 28 FT 4 IN; DIAMETER: 15 FT A/N: 452241 Permit to Construct Issued: 08/22/06 | D1384 | | | | |

* (1)(1A)(1B) Denotes RECLAIM emission factor
 (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|--------------|---|---|---|
| Process 4 : HYDROTREATING | | | | | P13.1 |
| KNOCK OUT POT, 80-V-19, FUEL GAS, HEIGHT: 5 FT; DIAMETER: 2 FT A/N: 452241 Permit to Construct Issued: 08/22/06 | D1057 | | | | |
| DRUM, 80-V-12, WASH WATER SUCTION, VENTED TO VAPOR RECOVERY SYSTEM, HEIGHT: 20 FT; DIAMETER: 5 FT A/N: 452241 Permit to Construct Issued: 08/22/06 | D1058 | | | | |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 452241 Permit to Construct Issued: 08/22/06 | D1323 | | | HAP: (10) [40CFR 63 Subpart CC, #5A,5-25-2001] | H23.17 |
| System 7 : NAPHTHA HYDROTREATER/SPLITTER UNIT #56 | | | | | S4.4, S13.2, S15.5, S15.12, S31.5 |
| COLUMN, H2S STRIPPER, 56-V-5, HEIGHT: 66 FT; DIAMETER: 10 FT A/N: 416624 Permit to Construct Issued: 12/16/04 | D61 | | | | |
| TANK, SURGE, 56-V-1, HEIGHT: 32 FT; DIAMETER: 10 FT A/N: 416624 Permit to Construct Issued: 12/16/04 | D423 | | | | |
| REACTOR, 56-R-2, HEIGHT: 29 FT; DIAMETER: 9 FT 6 IN A/N: 416624 Permit to Construct Issued: 12/16/04 | D1464 | | | | |

* (1)(1A)(1B) Denotes RECLAIM emission factor
 (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|--------------|---|---------------------------------|------------|
| Process 4 : HYDROTREATING | | | | | P13.1 |
| VESSEL, SEPARATOR, PRODUCT, 56-V-3, HEIGHT: 25 FT; DIAMETER: 9 FT 6 IN A/N: 416624 Permit to Construct Issued: 12/16/04 | D424 | | | | |
| ACCUMULATOR, STRIPPER OVERHEAD, 56-V-6, LENGTH: 6 FT 6 IN; HEIGHT: 20 FT A/N: 416624 Permit to Construct Issued: 12/16/04 | D425 | | | | |
| ACCUMULATOR, SPLITTER OVERHEAD, 56-V-12, LENGTH: 26 FT; DIAMETER: 8 FT 6 IN A/N: 416624 Permit to Construct Issued: 12/16/04 | D426 | | | | |
| KNOCK OUT POT, 56-V-17, FUEL GAS, LENGTH: 8 FT 6 IN; DIAMETER: 3 FT 6 IN A/N: 416624 Permit to Construct Issued: 12/16/04 | D427 | | | | |
| ACCUMULATOR, RERUN OVERHEAD, 56-V-14, HEIGHT: 25 FT; DIAMETER: 8 FT A/N: 416624 Permit to Construct Issued: 12/16/04 | D428 | | | | |
| DRUM, COMPRESSOR SUCTION, 56-V-4, HEIGHT: 9 FT; DIAMETER: 3 FT 6 IN A/N: 416624 Permit to Construct Issued: 12/16/04 | D593 | | | | |

* (1)(1A)(1B) Denotes RECLAIM emission factor
 (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|--------------|---|---------------------------------|------------|
| Process 4 : HYDROTREATING | | | | | P13.1 |
| COMPRESSOR, RECYCLE, 56-C-1 A/N: 416624 Permit to Construct Issued: 12/16/04 | D594 | | | | |
| DRUM, 56-V-15, HEIGHT: 30 FT; DIAMETER: 8 FT A/N: 416624 Permit to Construct Issued: 12/16/04 | D595 | | | | |
| COLUMN, NAPHTHA SPLITTER, 56-V-11, HEIGHT: 122 FT; DIAMETER: 11 FT A/N: 416624 Permit to Construct Issued: 12/16/04 | D596 | | | | |
| COLUMN, NAPHTHA RERUN, 56-V-13, HEIGHT: 102 FT; DIAMETER: 9 FT 6 IN A/N: 416624 Permit to Construct Issued: 12/16/04 | D598 | | | | |
| COLUMN, DEBUTANIZER, 56-V-18, HEIGHT: 108 FT; DIAMETER: 7 FT 6 IN A/N: 416624 Permit to Construct Issued: 12/16/04 | D1481 | | | | |
| ACCUMULATOR, DEBUTANIZER OVERHEAD, 56-V-19, HEIGHT: 19 FT 6 IN; DIAMETER: 6 FT 6 IN A/N: 416624 Permit to Construct Issued: 12/16/04 | D1482 | | | | |
| BLOWER, VAPORIZER AIR, 56-MX-1-V1 A/N: 416624 Permit to Construct Issued: 12/16/04 | D1465 | | | | |

* (1)(1A)(1B) Denotes RECLAIM emission factor
 (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|---|--------|--------------|---|--|---|
| Process 4 : HYDROTREATING | | | | | P13.1 |
| EJECTOR, EVACUATION, 56-EJ-1 A/N: 416624 Permit to Construct Issued: 12/16/04 | D1466 | | | | |
| VESSEL, SEAL GAS SEPARATOR, 56-CY-1 A/N: 416624 Permit to Construct Issued: 12/16/04 | D1467 | | | | |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 416624 Permit to Construct Issued: 12/16/04 | D1328 | | | HAP: (10) [40CFR 63 Subpart CC, #5A,5-25-2001] | H23.16 |
| System 8 : NAPHTHA HYDROTREATER/SPLITTER UNIT HEATERS | | | | | S2.1 |
| HEATER, HOT OIL, 56-H-2, REFINERY GAS, KTI, MODEL CUSTOM-MADE, 260 MMBTU/HR WITH A/N: 419147 Permit to Construct Issued: 12/16/04 | D430 | C431 | NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE** | CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; CO: 25 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996;RULE 1303(a)(1)-BACT,12-6-2002] NOX: 7 PPMV (4) [RULE 2005,5-6-2005] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; PM: (9) [RULE 404,2-7-1986] | A1.1, A99.3, A99.4, A419.1, B61.1, B61.2, D29.8, D90.3, H23.5 |
| BURNER, REFINERY GAS, JOHN ZINK, MODEL PSFG SIZE 18, WITH LOW NOX BURNER, 15 TOTAL; 260 MMBTU/HR | | | | | |

* (1)(1A)(1B) Denotes RECLAIM emission factor
 (3) Denotes RECLAIM concentration limit
 (5)(5A)(5B) Denotes command and control emission limit
 (7) Denotes NSR applicability limit
 (9) See App B for Emission Limits
 (2)(2A)(2B) Denotes RECLAIM emission rate
 (4) Denotes BACT emission limit
 (6) Denotes air toxic control rule limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (10) See Section J for NESHAP/MACT requirements
 ** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

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|---|--------|--------------|---|---|---|
| Process 4 : HYDROTREATING | | | | | P13.1 |
| SELECTIVE CATALYTIC REDUCTION, WIDTH: 16 FT; HEIGHT: 11 FT; LENGTH: 8 FT WITH A/N: 421772 Permit to Construct Issued: 12/16/04 AMMONIA INJECTION | C431 | D429 D430 | | NH3: 20 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996;RULE 1303(a)(1)-BACT,12-6-2002] | A1.3, D12.7, D28.4, E73.1, K171.1 |
| Process 5 : CATALYTIC REFORMING AND ISOMERIZATION | | | | | P13.1 |
| System 1 : PLATFORMER UNIT #70 | | | | | S13.2, S13.13, S15.5, S15.12 |
| VESSEL, SEPARATOR, PRODUCT, 70-V-4, HEIGHT: 20 FT; DIAMETER: 7 FT A/N: 433983 Permit to Construct Issued: 11/22/05 | D62 | | | | |
| COLUMN, DEPROPANIZER, 70-V-7, HEIGHT: 76 FT; DIAMETER: 7 FT A/N: 433983 Permit to Construct Issued: 11/22/05 | D65 | | | | |
| VESSEL, RECEIVER, DEPROPANIZER, 70-V-8, LENGTH: 15 FT; DIAMETER: 4 FT 6 IN A/N: 433983 Permit to Construct Issued: 11/22/05 | D66 | | | | |
| HOPPER, LOCK, #1, 70-V-23, HEIGHT: 2 FT 6 IN; DIAMETER: 2 FT A/N: 433983 Permit to Construct Issued: 11/22/05 | D68 | D74 | | HAP: (10) [40CFR 63 Subpart UUU, #1,2-9-2005] ; PM: (9) [RULE 405,2-7-1986] | D323.1 |

* (1)(1A)(1B) Denotes RECLAIM emission factor
 (3) Denotes RECLAIM concentration limit
 (5)(5A)(5B) Denotes command and control emission limit
 (7) Denotes NSR applicability limit
 (9) See App B for Emission Limits
 (2)(2A)(2B) Denotes RECLAIM emission rate
 (4) Denotes BACT emission limit
 (6) Denotes air toxic control rule limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (10) See Section J for NESHAP/MACT requirements
 ** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|--------------|---|---|------------|
| Process 5 : CATALYTIC REFORMING AND ISOMERIZATION | | | | | P13.1 |
| HOPPER, LOCK, #2, 70-V-28, HEIGHT: 2 FT 6 IN; DIAMETER: 2 FT A/N: 433983 Permit to Construct Issued: 11/22/05 | D69 | D74 | | HAP: (10) [40CFR 63 Subpart UUU, #1,2-9-2005] ; PM: (9) [RULE 405,2-7-1986] | D323.1 |
| VESSEL, COALESCER, BOOSTER PURGE GAS, 70-V-39 A/N: 433983 Permit to Construct Issued: 11/22/05 | D70 | | | | |
| VESSEL, LIFT ENGAGER, 70-V-29, HEIGHT: 3 FT 6 IN; DIAMETER: 1 FT 8 IN A/N: 433983 Permit to Construct Issued: 11/22/05 | D71 | D74 | | HAP: (10) [40CFR 63 Subpart UUU, #1,2-9-2005] | |
| EJECTOR, STEAM JET, 70-EJ-1 A/N: 433983 Permit to Construct Issued: 11/22/05 | D72 | | | | |
| COMPRESSOR, RECYCLE GAS, 70-C-1 A/N: 433983 Permit to Construct Issued: 11/22/05 | D554 | | | | |
| COMPRESSOR, NET GAS BOOSTER, 70-C-2A A/N: 433983 Permit to Construct Issued: 11/22/05 | D555 | | | | |
| COMPRESSOR, NET GAS BOOSTER, 70-C-2B A/N: 433983 Permit to Construct Issued: 11/22/05 | D556 | | | | |

* (1)(1A)(1B) Denotes RECLAIM emission factor
 (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|---|--------|--------------|---|--|------------|
| Process 5 : CATALYTIC REFORMING AND ISOMERIZATION | | | | | P13.1 |
| REACTOR, NO.1, 70-V-1, HEIGHT: 19 FT 11 IN; DIAMETER: 6 FT 6 IN A/N: 433983 Permit to Construct Issued: 11/22/05 | D925 | | | HAP: (10) [40CFR 63 Subpart UUU, #1,2-9-2005] | |
| REACTOR, NO.2, 70-V-2, HEIGHT: 21 FT 4 IN; DIAMETER: 7 FT A/N: 433983 Permit to Construct Issued: 11/22/05 | D926 | | | HAP: (10) [40CFR 63 Subpart UUU, #1,2-9-2005] | |
| REACTOR, NO.3, 70-V-3, HEIGHT: 21 FT 4 IN; DIAMETER: 8 FT 6 IN A/N: 433983 Permit to Construct Issued: 11/22/05 | D927 | | | HAP: (10) [40CFR 63 Subpart UUU, #1,2-9-2005] | |
| DRUM, CONTINUOUS BLOWDOWN, 70-V-12, HEIGHT: 5 FT; DIAMETER: 2 FT A/N: 433983 Permit to Construct Issued: 11/22/05 | D930 | | | | |
| DRUM, STEAM BLOWDOWN, 70-V-13, HEIGHT: 6 FT; DIAMETER: 5 FT A/N: 433983 Permit to Construct Issued: 11/22/05 | D931 | | | | |
| TOWER, REGENERATION, 70-V-21, HEIGHT: 25 FT 7 IN; DIAMETER: 4 FT 6 IN A/N: 433983 Permit to Construct Issued: 11/22/05 | D932 | D74 D935 | | HAP: (10) [40CFR 63 Subpart UUU, #1,2-9-2005] | A63.3 |
| VESSEL, RECEIVER, CATALYST, 70-V-22, HEIGHT: 1 FT 9 IN; DIAMETER: 2 FT A/N: 433983 Permit to Construct Issued: 11/22/05 | D933 | D946 | | PM: (9) [RULE 405,2-7-1986] | D323.1 |

* (1)(1A)(1B) Denotes RECLAIM emission factor (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|--------------|---|---------------------------------|------------|
| Process 5 : CATALYTIC REFORMING AND ISOMERIZATION | | | | | P13.1 |
| VESSEL, LIFT ENGAGER, 70-V-24, HEIGHT: 3 FT 6 IN; DIAMETER: 1 FT 8 IN A/N: 433983 Permit to Construct Issued: 11/22/05 | D934 | D74 | | PM: (9) [RULE 405,2-7-1986] | D323.1 |
| HOPPER, DISENGAGING, 70-V-25R, DIAMETER: 4 FT; HEIGHT: 13 FT 6 IN WITH A/N: 433983 Permit to Construct Issued: 11/22/05 COMPARTMENT, DISENGAGING AND PREHEAT ZONE, HEIGHT: 7 FT COMPARTMENT, CHLORIDE ADSORPTION ZONE, HEIGHT: 6 FT 6 IN | D935 | D74 D932 | | PM: (9) [RULE 405,2-7-1986] | D323.1 |
| HOPPER, FLOW CONTROL, 70-V-26, DIAMETER: 6 IN; HEIGHT: 1 FT 9 IN A/N: 433983 Permit to Construct Issued: 11/22/05 | D936 | | | PM: (9) [RULE 405,2-7-1986] | D323.1 |
| HOPPER, SURGE, 70-V-27, DIAMETER: 5 FT; HEIGHT: 9 FT A/N: 433983 Permit to Construct Issued: 11/22/05 | D937 | | | PM: (9) [RULE 405,2-7-1986] | D323.1 |
| HOPPER, CATALYST ADDITION FUNNEL, 70-V-30, DIAMETER: 3 FT; HEIGHT: 6 IN A/N: 433983 Permit to Construct Issued: 11/22/05 | D938 | | | PM: (9) [RULE 405,2-7-1986] | D323.1 |

* (1)(1A)(1B) Denotes RECLAIM emission factor (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|--------------|---|---------------------------------|------------|
| Process 5 : CATALYTIC REFORMING AND ISOMERIZATION | | | | | P13.1 |
| HOPPER, CATALYST ADDITION LOCK, 70-V-31, DIAMETER: 2 FT; HEIGHT: 2 FT A/N: 433983 Permit to Construct Issued: 11/22/05 | D939 | | | PM: (9) [RULE 405,2-7-1986] | D323.1 |
| DRUM, VENT NO.1, 70-V-32, HEIGHT: 2 FT 6 IN; DIAMETER: 1 FT 0.75 IN A/N: 433983 Permit to Construct Issued: 11/22/05 | D940 | D74 | | | |
| DRUM, VENT NO.2, 70-V-33, HEIGHT: 2 FT 6 IN; DIAMETER: 1 FT 0.75 IN A/N: 433983 Permit to Construct Issued: 11/22/05 | D941 | D74 | | | |
| DRUM, VENT NO.3, 70-V-34, HEIGHT: 2 FT 6 IN; DIAMETER: 1 FT 0.75 IN A/N: 433983 Permit to Construct Issued: 11/22/05 | D942 | D74 | | | |
| DRUM, VENT NO.4, 70-V-35, HEIGHT: 2 FT 6 IN; DIAMETER: 1 FT 0.75 IN A/N: 433983 Permit to Construct Issued: 11/22/05 | D943 | D74 | | | |
| VESSEL, COALESCER, RECYCLE PURGE GAS, 70-V-38 A/N: 433983 Permit to Construct Issued: 11/22/05 | D944 | | | | |
| EJECTOR, BOOSTER COMPRESSOR, 70-EJ-2 A/N: 433983 Permit to Construct Issued: 11/22/05 | D945 | | | | |

* (1)(1A)(1B) Denotes RECLAIM emission factor
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 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See Section J for NESHAP/MACT requirements

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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|---|--------|--|---|--|--|
| Process 5 : CATALYTIC REFORMING AND ISOMERIZATION | | | | | P13.1 |
| FILTER, HEPA, 70-ME-22 A/N: 433983 Permit to Construct Issued: 11/22/05 | D946 | D933 | | | D322.1, D381.1, K67.8 |
| VESSEL, FUEL GAS CHLORIDE TREATER, 70-V-42, HEIGHT: 18 FT; DIAMETER: 5 FT A/N: 433983 Permit to Construct Issued: 11/22/05 | D1212 | | | HAP: (10) [40CFR 63 Subpart UUU, #1,2-9-2005] | E166.1 |
| VESSEL, NET GAS CHLORIDE TREATER, 70-V-43, HEIGHT: 16 FT; DIAMETER: 5 FT A/N: 433983 Permit to Construct Issued: 11/22/05 | D1213 | | | HAP: (10) [40CFR 63 Subpart UUU, #1,2-9-2005] | E166.1 |
| VESSEL, LIQUID CHLORIDE TREATER, 70-V-44, HEIGHT: 31 FT; DIAMETER: 7 FT A/N: 433983 Permit to Construct Issued: 11/22/05 | D1214 | | | HAP: (10) [40CFR 63 Subpart UUU, #1,2-9-2005] | E166.1 |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 433983 Permit to Construct Issued: 11/22/05 | D1331 | | | HAP: (10) [40CFR 63 Subpart CC, #5A,5-25-2001] | H23.17 |
| System 2 : PLATFORMER UNIT #70 HEATERS | | | | | |
| HEATER, 70-H-1/2/3, PROCESS GAS, REFINERY GAS, BASED ON FUEL HHV OF 1199 BTU/SCF, WITH LOW NOX BURNER, 258 MMBTU/HR WITH A/N: 348435 Permit to Construct Issued: 10/29/99 | D74 | D68 D69 D71 D932 D934 D935 D940 D941 D942 D943 | NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE** | CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; NOX: 10.5 LBS/HR (7) [RULE 2005,5-6-2005] ; PM: (9) [RULE 404,2-7-1986] | A63.5, A229.2, B61.1, B61.2, C1.16, D90.3, D182.3, D182.5, H23.5 |

* (1)(1A)(1B) Denotes RECLAIM emission factor
 (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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|---|--------|--------------|---|---|---|
| Process 5 : CATALYTIC REFORMING AND ISOMERIZATION | | | | | P13.1 |
| BURNER, REFINERY GAS, CALLIDUS TECHNOLOGIES, MODEL LE-CSG-10W, 23 BURNERS, WITH LOW NOX BURNER | | | | PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] | |
| Process 7 : ALKYLATION AND ISOMERIZATION | | | | | P13.1 |
| System 1 : ALKYLATION UNIT #68 | | | | | S4.4, S13.2, S15.5, S15.12, S31.5 |
| VESSEL, ACID RELIEF KNOCK-OUT, 68-V-4A, LENGTH: 40 FT; DIAMETER: 13 FT A/N: 416622 Permit to Construct Issued: 12/16/04 | D947 | | | | |
| VESSEL, RECEIVER, DEPROPANIZER, 68-V-12, HEIGHT: 22 FT 6 IN; DIAMETER: 7 FT 6 IN A/N: 416622 Permit to Construct Issued: 12/16/04 | D948 | | | | |
| DRUM, REFRIGERANT SURGE, 68-V-1 R, LENGTH: 19 FT 6 IN; DIAMETER: 6 FT 6 IN A/N: 416622 Permit to Construct Issued: 12/16/04 | D1483 | | | | |

* (1)(1A)(1B) Denotes RECLAIM emission factor
 (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
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|---|--------|--------------|---|---------------------------------|------------|
| Process 7 : ALKYLATION AND ISOMERIZATION | | | | | P13.1 |
| VESSEL, FIELD BUTANE DRIER, 68-V-2, HEIGHT: 15 FT; DIAMETER: 5 FT A/N: 416622 Permit to Construct Issued: 12/16/04 | D1484 | | | | |
| TANK, HOLDING, 68-V-3, ACID, HEIGHT: 60 FT; DIAMETER: 12 FT A/N: 416622 Permit to Construct Issued: 12/16/04 | D77 | | | | |
| VESSEL, RECEIVER, ISOSTRIPPER SIDECUT, 68-V-5, LENGTH: 40 FT; DIAMETER: 12 FT 6 IN A/N: 416622 Permit to Construct Issued: 12/16/04 | D78 | | | | |
| COLUMN, ISO STRIPPER, 68-V-6, HEIGHT: 184 FT; DIAMETER: 13 FT A/N: 416622 Permit to Construct Issued: 12/16/04 | D79 | | | | |
| VESSEL, TREATER, BUTANE DEFLUORINATOR (ALUMINA TREATER), 68-V-7A, HEIGHT: 26 FT; DIAMETER: 6 FT 6 IN A/N: 416622 Permit to Construct Issued: 12/16/04 | D1485 | | | | |
| VESSEL, TREATER, BUTANE KOH, 68-V-8, HEIGHT: 16 FT; DIAMETER: 8 FT A/N: 416622 Permit to Construct Issued: 12/16/04 | D81 | | | | |

* (1)(1A)(1B) Denotes RECLAIM emission factor
 (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
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|--|--------|--------------|---|---------------------------------|------------|
| Process 7 : ALKYLATION AND ISOMERIZATION | | | | | P13.1 |
| REGENERATOR, ACID, 68-V-9C, HEIGHT: 28 FT; DIAMETER: 3 FT 6 IN A/N: 416622 Permit to Construct Issued: 12/16/04 | D82 | | | | |
| SETTLING TANK, DEPROPANIZER FEED, 68-V-10 R, HEIGHT: 30 FT; DIAMETER: 10 FT A/N: 416622 Permit to Construct Issued: 12/16/04 | D1486 | | | | |
| COLUMN, DEPROPANIZER, 68-V-11, HEIGHT: 87 FT; DIAMETER: 7 FT 6 IN A/N: 416622 Permit to Construct Issued: 12/16/04 | D84 | | | | |
| COLUMN, HF STRIPPER, 68-V-13, HEIGHT: 42 FT; DIAMETER: 4 FT 6 IN A/N: 416622 Permit to Construct Issued: 12/16/04 | D85 | | | | |
| VESSEL, TREATER, 68-V-14A R, PROPANE DEFLUORINATOR (ALUMINA TREATER), HEIGHT: 40 FT; DIAMETER: 10 FT A/N: 416622 Permit to Construct Issued: 12/16/04 | D1487 | | | | |
| VESSEL, TREATER, PROPANE KOH, 68-V-15, HEIGHT: 16 FT; DIAMETER: 4 FT A/N: 416622 Permit to Construct Issued: 12/16/04 | D87 | | | | |

* (1)(1A)(1B) Denotes RECLAIM emission factor
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 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

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| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|---|--------|--------------|---|---------------------------------|------------|
| Process 7 : ALKYLATION AND ISOMERIZATION | | | | | P13.1 |
| VESSEL, TREATER, PROPANE KOH, 68-V-44, HEIGHT: 18 FT; DIAMETER: 4 FT 6 IN A/N: 416622 Permit to Construct Issued: 12/16/04 | D1511 | | | | |
| TANK, SURGE, 68-V-16, POLYMER, HEIGHT: 15 FT; DIAMETER: 7 FT 6 IN A/N: 416622 Permit to Construct Issued: 12/16/04 | D88 | | | | |
| VESSEL, COALESCER, 68-V-23 R, LENGTH: 8 FT 3 IN; DIAMETER: 1 FT 8 IN A/N: 416622 Permit to Construct Issued: 12/16/04 | D1488 | | | | |
| VESSEL, 68-V-2B R, FIELD BUTANE DRIER, HEIGHT: 15 FT; DIAMETER: 5 FT A/N: 416622 Permit to Construct Issued: 12/16/04 | D1489 | | | | |
| VESSEL, TREATER, 68-V-7B R, BUTANE DEFLUORINATOR (ALUMINA TREATER), HEIGHT: 26 FT; DIAMETER: 6 FT 6 IN A/N: 416622 Permit to Construct Issued: 12/16/04 | D1490 | | | | |
| VESSEL, TREATER, 68-V-14B R, PROPANE DEFLUORINATOR (ALUMINA TREATER), HEIGHT: 40 FT; DIAMETER: 10 FT A/N: 416622 Permit to Construct Issued: 12/16/04 | D1491 | | | | |

* (1)(1A)(1B) Denotes RECLAIM emission factor (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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|---|--------|--------------|---|---------------------------------|------------|
| Process 7 : ALKYLATION AND ISOMERIZATION | | | | | P13.1 |
| SETTLING TANK, ACID, 68-V-60, HEIGHT: 61 FT 6 IN; DIAMETER: 22 FT A/N: 416622 Permit to Construct Issued: 12/16/04 | D1493 | | | | |
| PUMP, HF ACID EVACUATION, 68-P-16, 75 HP, WITH VENTED SEAL AND SEAL POT A/N: 416622 Permit to Construct Issued: 12/16/04 | D1011 | D949 | | | D238.1 |
| REACTOR, HF ACID, 68-E-32, NO. A, WITH TWO SHELL AND TUBE TYPE HEAT EXCHANGERS (68-E-72A & 68-E-72B) A/N: 416622 Permit to Construct Issued: 12/16/04 | D1494 | | | | D238.1 |
| REACTOR, HF ACID, 68-E-33, NO. B, WITH SHELL AND TUBE TYPE HEAT EXCHANGERS (68-E-72C & 68-E-72D) A/N: 416622 Permit to Construct Issued: 12/16/04 | D1495 | | | | D238.1 |
| KNOCK OUT POT, 68-V-18, HEIGHT: 12 FT; DIAMETER: 6 FT A/N: 416622 Permit to Construct Issued: 12/16/04 | D949 | D1011 | | | |
| VESSEL, POLYMER NEUTRALIZER, 68-V-17, HEIGHT: 12 FT; DIAMETER: 6 FT A/N: 416622 Permit to Construct Issued: 12/16/04 | D89 | | | | |

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 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
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|--|--------|--------------|---|---------------------------------|------------|
| Process 7 : ALKYLATION AND ISOMERIZATION | | | | | P13.1 |
| SCRUBBER, 68-V-20, ACID RELIEF GAS, HEIGHT: 46 FT; DIAMETER: 12 FT 6 IN A/N: 416622 Permit to Construct Issued: 12/16/04 | D90 | D950 D1288 | | | |
| DRUM, NEUTRALIZING, 68-V-19, LENGTH: 20 FT; DIAMETER: 6 FT A/N: 416622 Permit to Construct Issued: 12/16/04 | D950 | D90 | | | |
| TANK, KOH REGENERATION, 68-V-22, HEIGHT: 23 FT; DIAMETER: 8 FT A/N: 416622 Permit to Construct Issued: 12/16/04 | D952 | | | | |
| SCRUBBER, 68-V-24A, LENGTH: 12 FT 9 IN; DIAMETER: 5 FT A/N: 416622 Permit to Construct Issued: 12/16/04 | D953 | D1289 | | | |
| SCRUBBER, 68-V-24B, LENGTH: 12 FT 9 IN; DIAMETER: 5 FT A/N: 416622 Permit to Construct Issued: 12/16/04 | D954 | D1289 | | | |
| EJECTOR, 68-EJ-2, NEUTRALIZING DRUM A/N: 416622 Permit to Construct Issued: 12/16/04 | D1288 | D90 | | | |
| EJECTOR, 68-EJ-3, LIME ADDITION A/N: 416622 Permit to Construct Issued: 12/16/04 | D1289 | D953 D954 | | | |

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 (7) Denotes NSR applicability limit
 (9) See App B for Emission Limits
 (2)(2A)(2B) Denotes RECLAIM emission rate
 (4) Denotes BACT emission limit
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| Process 7 : ALKYLATION AND ISOMERIZATION | | | | | P13.1 |
| VESSEL, ACID RERUN, 68-V-30, HEIGHT: 30 FT; DIAMETER: 7 FT 6 IN A/N: 416622 Permit to Construct Issued: 12/16/04 | D1496 | | | | |
| ACCUMULATOR, RERUN OVERHEAD, 68-V-31, LENGTH: 16 FT; DIAMETER: 6 FT A/N: 416622 Permit to Construct Issued: 12/16/04 | D1497 | | | | |
| DRUM, WATER KNOCK-OUT, 68-V-32, LENGTH: 5 FT; DIAMETER: 2 FT 6 IN A/N: 416622 Permit to Construct Issued: 12/16/04 | D1498 | | | | |
| VESSEL, ASO DECANTER, 68-V-33, HEIGHT: 12 FT; DIAMETER: 5 FT A/N: 416622 Permit to Construct Issued: 12/16/04 | D1499 | | | | |
| DRUM, RECYCLE ADDITIVE SURGE, 68-V-34, LENGTH: 24 FT; DIAMETER: 9 FT A/N: 416622 Permit to Construct Issued: 12/16/04 | D1500 | | | | |
| COLUMN, WATER WASH, 68-V-35, HEIGHT: 60 FT; DIAMETER: 9 FT 6 IN A/N: 416622 Permit to Construct Issued: 12/16/04 | D1501 | | | | |
| ACCUMULATOR, EVAPORATOR COLUMN REFLUX, 68-V-36, LENGTH: 8 FT 6 IN; DIAMETER: 3 FT 6 IN A/N: 416622 Permit to Construct Issued: 12/16/04 | D1502 | | | | |

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 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
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| Process 7 : ALKYLATION AND ISOMERIZATION | | | | | P13.1 |
| COLUMN, EVAPORATOR, 68-V-37, HEIGHT: 44 FT; DIAMETER: 2 FT 6 IN A/N: 416622 Permit to Construct Issued: 12/16/04 | D1503 | | | | |
| COLUMN, ADDITIVE DRYING, 68-V-38, HEIGHT: 25 FT; DIAMETER: 1 FT 8 IN A/N: 416622 Permit to Construct Issued: 12/16/04 | D1504 | | | | |
| TANK, EXPORT ADDITIVE, 68-V-39, LENGTH: 24 FT; DIAMETER: 6 FT A/N: 416622 Permit to Construct Issued: 12/16/04 | D1505 | | | | |
| TANK, SURGE, 68-V-40, TEMPERED WATER, HEIGHT: 21 FT; DIAMETER: 7 FT A/N: 416622 Permit to Construct Issued: 12/16/04 | D1506 | | | | |
| VESSEL, EVAPORATOR COLUMN REBOILER COND-POT, 68-V-41, LENGTH: 12 FT; DIAMETER: 3 FT A/N: 416622 Permit to Construct Issued: 12/16/04 | D1507 | | | | |
| VESSEL, ASO WASHER, 68-V-42, LENGTH: 15 FT; DIAMETER: 5 FT A/N: 416622 Permit to Construct Issued: 12/16/04 | D1508 | | | | |
| VESSEL, ACID EVACUATION, 68-V-59, LENGTH: 60 FT; DIAMETER: 18 FT A/N: 416622 Permit to Construct Issued: 12/16/04 | D1509 | | | | |

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 (3) Denotes RECLAIM concentration limit
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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|--------------|---|---|---|
| Process 7 : ALKYLATION AND ISOMERIZATION | | | | | P13.1 |
| STORAGE TANK, 68-V-43, ASO PRODUCT, LENGTH: 33 FT; DIAMETER: 16 FT 6 IN A/N: 416622 Permit to Construct Issued: 12/16/04 | D1510 | | | | |
| EJECTOR, HYDROCARBON/ACID, 68-EJ-4 A/N: 416622 Permit to Construct Issued: 12/16/04 | D1512 | | | | |
| EJECTOR, ACID VAPORIZER, 68-EJ-5 A/N: 416622 Permit to Construct Issued: 12/16/04 | D1513 | | | | |
| EJECTOR, HF ACID ANALYZER, 68-EJ-6 A/N: 416622 Permit to Construct Issued: 12/16/04 | D1514 | | | | |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 416622 Permit to Construct Issued: 12/16/04 | D1333 | | | HAP: (10) [40CFR 63 Subpart CC, #5A,5-25-2001] | H23.16 |
| System 3 : BUTAMER UNIT #69 | | | | | S4.4, S13.2, S15.5, S15.12, S31.5 |
| VESSEL, BUTANE DRYER, 69-V-1A, HEIGHT: 32 FT; DIAMETER: 7 FT A/N: 416626 Permit to Construct Issued: 12/16/04 | D1515 | | | | |

* (1)(1A)(1B) Denotes RECLAIM emission factor (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|--------------|---|---------------------------------|------------|
| Process 7 : ALKYLATION AND ISOMERIZATION | | | | | P13.1 |
| VESSEL, COALESCER, 69-V-2, LENGTH: 11 FT; DIAMETER: 4 FT 6 IN A/N: 416626 Permit to Construct Issued: 12/16/04 | D1516 | | | | |
| TANK, FEED, 69-V-3, LENGTH: 22 FT 6 IN; DIAMETER: 8 FT 6 IN A/N: 416626 Permit to Construct Issued: 12/16/04 | D101 | | | | |
| TANK, HOLDING, 69-V-4, PERCHLOROETHYLENE, LENGTH: 10 FT; DIAMETER: 3 FT 6 IN A/N: 416626 Permit to Construct Issued: 12/16/04 | D102 | | | | |
| REACTOR, 69-V-5A, HEIGHT: 15 FT; DIAMETER: 7 FT A/N: 416626 Permit to Construct Issued: 12/16/04 | D1517 | | | | |
| VESSEL, SEPARATOR, 69-V-6, HEIGHT: 16 FT; DIAMETER: 5 FT A/N: 416626 Permit to Construct Issued: 12/16/04 | D104 | | | | |
| VESSEL, MAKE UP GAS DRIER, 69-V-7A, HEIGHT: 28 FT; DIAMETER: 1 FT 6 IN A/N: 416626 Permit to Construct Issued: 12/16/04 | D105 | | | | |

* (1)(1A)(1B) Denotes RECLAIM emission factor
 (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|--------------|---|---------------------------------|------------|
| Process 7 : ALKYLATION AND ISOMERIZATION | | | | | P13.1 |
| COLUMN, 69-V-8, STABILIZER, IN TWO SECTIONS, HEIGHT: 82 FT; DIAMETER: 6 FT 6 IN A/N: 416626 Permit to Construct Issued: 12/16/04 | D106 | | | | |
| VESSEL, RECEIVER, STABILIZER, 69-V-9, LENGTH: 10 FT 6 IN; DIAMETER: 3 FT 6 IN A/N: 416626 Permit to Construct Issued: 12/16/04 | D107 | | | | |
| SCRUBBER, STABILIZER GAS, 69-V-10, HEIGHT: 30 FT 6 IN; DIAMETER: 5 FT A/N: 416626 Permit to Construct Issued: 12/16/04 | D108 | | | | |
| VESSEL, BUTANE DRIER, 69-V-1B, HEIGHT: 32 FT; DIAMETER: 7 FT A/N: 416626 Permit to Construct Issued: 12/16/04 | D1518 | | | | |
| REACTOR, 69-V-5B, HEIGHT: 15 FT; DIAMETER: 7 FT A/N: 416626 Permit to Construct Issued: 12/16/04 | D1519 | | | | |
| VESSEL, MAKE UP GAS DRIER, 69-V-7B, HEIGHT: 28 FT; DIAMETER: 1 FT 6 IN A/N: 416626 Permit to Construct Issued: 12/16/04 | D113 | | | | |
| COMPRESSOR, RECYCLE GAS, 69-C-1 A/N: 416626 Permit to Construct Issued: 12/16/04 | D557 | | | | |

* (1)(1A)(1B) Denotes RECLAIM emission factor
 (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|--------------|---|---|---|
| Process 7 : ALKYLATION AND ISOMERIZATION | | | | | P13.1 |
| COLUMN, DEISOBUTANIZER (DIB), 69-V-11, HEIGHT: 175 FT; DIAMETER: 11 FT 6 IN A/N: 416626 Permit to Construct Issued: 12/16/04 | D788 | | | | |
| ACCUMULATOR, DIB OVERHEAD, 69-V-12, LENGTH: 31 FT 6 IN; DIAMETER: 10 FT 6 IN A/N: 416626 Permit to Construct Issued: 12/16/04 | D789 | | | | |
| EJECTOR, 69-EJ-1, STEAM JET A/N: 416626 Permit to Construct Issued: 12/16/04 | D1290 | | | | H23.1 |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 416626 Permit to Construct Issued: 12/16/04 | D1334 | | | HAP: (10) [40CFR 63 Subpart CC, #5A,5-25-2001] | H23.16 |
| Process 8 : GAS PRODUCTION | | | | | P13.1 |
| System 3 : FCCU GAS PLANT/LPG PREFRACTIONATION DRYING SECTION | | | | | S4.3, S13.2, S15.5, S15.12, S31.2 |
| VESSEL, EXTRACTOR, 63-V-15A, MOLECULAR SIEVE DRYER, HEIGHT: 18 FT; DIAMETER: 6 FT A/N: 370041 Permit to Construct Issued: 03/02/01 | D1402 | | | | |

* (1)(1A)(1B) Denotes RECLAIM emission factor (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|--------------|---|---|---|
| Process 8 : GAS PRODUCTION | | | | | P13.1 |
| VESSEL, EXTRACTOR, 63-V-15B, MOLECULAR SIEVE DRYER, HEIGHT: 18 FT; DIAMETER: 6 FT A/N: 370041 Permit to Construct Issued: 03/02/01 | D1403 | | | | |
| VESSEL, COALESCER, 63-V-16, LENGTH: 12 FT; DIAMETER: 3 FT A/N: 370041 Permit to Construct Issued: 03/02/01 | D1404 | | | | |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 370041 Permit to Construct Issued: 03/02/01 | D1338 | | | HAP: (10) [40CFR 63 Subpart CC, #5A,5-25-2001] | |
| VESSEL, COALESCER, 63-V-13, DRYING COLUMN, LENGTH: 8 FT 8 IN; DIAMETER: 2 FT 6 IN A/N: 370041 Permit to Construct Issued: 03/02/01 | D828 | | | | |
| DRAIN SYSTEM COMPONENT A/N: 370041 Permit to Construct Issued: 03/02/01 | D1409 | | | | H23.4 |
| System 4 : LIGHT ENDS VAPOR RECOVERY UNIT #43 | | | | | S4.4, S13.2, S15.5, S15.12, S31.5 |
| ABSORBER, SPONGE, 43-V-402, HEIGHT: 95 FT; DIAMETER: 6 FT A/N: 416627 Permit to Construct Issued: 12/16/04 | D123 | | | | |

* (1)(1A)(1B) Denotes RECLAIM emission factor
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 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|---|--------|--------------|---|---------------------------------|------------|
| Process 8 : GAS PRODUCTION | | | | | P13.1 |
| COLUMN, DEPROPANIZER, 43-V-404, HEIGHT: 75 FT; DIAMETER: 5 FT 6 IN A/N: 416627 Permit to Construct Issued: 12/16/04 | D124 | | | | |
| ACCUMULATOR, DEPROPANIZER OVERHEAD, 43-V-405, LENGTH: 12 FT; DIAMETER: 3 FT A/N: 416627 Permit to Construct Issued: 12/16/04 | D965 | | | | |
| DRUM, DEPROPANIZER FEED, 43-V-423, LENGTH: 21 FT; DIAMETER: 7 FT 6 IN A/N: 416627 Permit to Construct Issued: 12/16/04 | D1524 | | | | |
| COMPRESSOR, LIGHT ENDS FEED, 43-C-400A, 2 STAGE RECIPROCATING, WITH 350 HP MOTOR A/N: 416627 Permit to Construct Issued: 12/16/04 | D125 | | | | |
| COMPRESSOR, LIGHT ENDS FEED, 43-C-400B A/N: 416627 Permit to Construct Issued: 12/16/04 | D126 | | | | |
| SCRUBBER, BUTANE CAUSTIC, 43-V-4001, HEIGHT: 30 FT; DIAMETER: 1 FT 6 IN A/N: 416627 Permit to Construct Issued: 12/16/04 | D127 | | | | |

* (1)(1A)(1B) Denotes RECLAIM emission factor
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 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
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 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|--------------|---|---|-------------------------------------|
| Process 8 : GAS PRODUCTION | | | | | P13.1 |
| VESSEL, COALESCER, 43-V-4002, HEIGHT: 28 FT; DIAMETER: 5 FT 8 IN A/N: 416627 Permit to Construct Issued: 12/16/04 | D128 | | | | |
| VESSEL, WATER TRAP, 43-V-411, HEIGHT: 4 FT; DIAMETER: 2 FT A/N: 416627 Permit to Construct Issued: 12/16/04 | D966 | | | | |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 416627 Permit to Construct Issued: 12/16/04 | D1339 | | | HAP: (10) [40CFR 63 Subpart CC, #5A,5-25-2001] | H23.16 |
| Process 10 : TREATING/STRIPPING | | | | | P13.1 |
| System 8 : FIELD BUTANE CAUSTIC TREATING | | | | | S4.1, S4.2, S13.2, S15.5, S15.12 |
| SCRUBBER, 69-V-6, CAUSTIC TREATING, HEIGHT: 21 FT; DIAMETER: 7 FT A/N: 416625 Permit to Construct Issued: 12/16/04 | D1525 | | | | C1.35 |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 416625 Permit to Construct Issued: 12/16/04 | D1348 | | | | H23.16 |
| DRAIN SYSTEM COMPONENT A/N: 416625 Permit to Construct Issued: 12/16/04 | D1638 | | | | H23.4 |

* (1)(1A)(1B) Denotes RECLAIM emission factor (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|---|--------|--------------|---|--|------------|
| Process 10 : TREATING/STRIPPING | | | | | P13.1 |
| System 14 : STRIPPED SOUR WATER SELENIUM CONCENTRATION UNIT 52 | | | | | |
| FILTER PACK, REVERSE OSMOSIS, STAGE 1, 13 VSEP MODULES, 52-ME-1 TO 13 A/N: 441204 Permit to Construct Issued: 02/22/06 | D1597 | | | | |
| TANK, FIXED ROOF, 52-TK-7000, VSEP CONCENTRATE FEED TO VSEP SECOND STAGE, 7000 GALS; DIAMETER: 10 FT; HEIGHT: 12 FT A/N: 441204 Permit to Construct Issued: 02/22/06 | D1598 | | | HAP: (10) [40CFR 63 Subpart CC, #2,5-25-2001] | |
| FILTER PACK, REVERSE OSMOSIS, STAGE 2, 4 VSEP MODULES, 52-ME-14 TO 17 A/N: 441204 Permit to Construct Issued: 02/22/06 | D1599 | | | | |
| TANK, FIXED ROOF, 52-TK-7001, VSEP CONCENTRATE FEED TO VSEP THIRD STAGE, 7000 GALS; DIAMETER: 10 FT; HEIGHT: 12 FT A/N: 441204 Permit to Construct Issued: 02/22/06 | D1600 | | | HAP: (10) [40CFR 63 Subpart CC, #2,5-25-2001] | |
| FILTER PACK, REVERSE OSMOSIS, STAGE 3, 1 VSEP MODULE, 52-ME-18 A/N: 441204 Permit to Construct Issued: 02/22/06 | D1601 | | | | |

* (1)(1A)(1B) Denotes RECLAIM emission factor
 (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|--------------|---|---|------------|
| Process 10 : TREATING/STRIPPING | | | | | P13.1 |
| TANK, FIXED ROOF, 52-TK-14000, VSEP PERMEATE WATER, 14000 GALS; DIAMETER: 13 FT; HEIGHT: 16 FT 9 IN A/N: 441204 Permit to Construct Issued: 02/22/06 | D1602 | | | HAP: (10) [40CFR 63 Subpart CC, #2,5-25-2001] | |
| TANK, FIXED ROOF, 95-TK-9014, VSEP PERMEATE, 35000 BBL; DIAMETER: 73 FT; HEIGHT: 48 FT A/N: 441204 Permit to Construct Issued: 02/22/06 | D202 | | | HAP: (10) [40CFR 63 Subpart CC, #2,5-25-2001] | |
| TANK, FIXED ROOF, 52-TK-30000, VSEP CONCENTRATE, 30000 GALS; DIAMETER: 15 FT 6 IN; HEIGHT: 22 FT 9 IN A/N: 441204 Permit to Construct Issued: 02/22/06 | D1603 | | | HAP: (10) [40CFR 63 Subpart CC, #2,5-25-2001] | |
| TANK, FIXED ROOF, 52-TK-2500, VSEP CONCENTRATE FEED TO EVAPORATOR FIRST STAGE, 2500 GALS; DIAMETER: 8 FT; HEIGHT: 11 FT A/N: 441204 Permit to Construct Issued: 02/22/06 | D1604 | | | HAP: (10) [40CFR 63 Subpart CC, #2,5-25-2001] | |
| EVAPORATOR, 52-TK-1, FIRST STAGE, VSEP CONCENTRATE WITH A/N: 441204 Permit to Construct Issued: 02/22/06 EJECTOR, 52-EJ-1 | D1605 | | | | |

* (1)(1A)(1B) Denotes RECLAIM emission factor
 (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|---|--------|--------------|---|--|---------------|
| Process 10 : TREATING/STRIPPING | | | | | P13.1 |
| TANK, FIXED ROOF, 52-TK-2501, VSEP CONCENTRATE FEED TO EVAPORATOR SECOND STAGE, 2500 GALS; DIAMETER: 8 FT; HEIGHT: 11 FT A/N: 441204 Permit to Construct Issued: 02/22/06 | D1607 | | | HAP: (10) [40CFR 63 Subpart CC, #2,5-25-2001] | |
| EVAPORATOR, 52-TK-2, SECOND STAGE, VSEP CONCENTRATE WITH EJECTOR, 52-EJ-2 A/N: 441204 Permit to Construct Issued: 02/22/06 | D1608 | | | | |
| STORAGE TANK, FIXED ROOF, 52-TK-13000, SELENIUM WASTE, 310 BBL; DIAMETER: 12 FT; HEIGHT: 17 FT A/N: 441204 Permit to Construct Issued: 02/22/06 | D1610 | | | | |
| DRAIN SYSTEM COMPONENT A/N: 441204 Permit to Construct Issued: 02/22/06 | D1611 | | | | H23.4, K171.4 |

* (1)(1A)(1B) Denotes RECLAIM emission factor
 (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|---|--------|--|---|---------------------------------|---|
| Process 11 : SULFUR PRODUCTION | | | | | P13.1 |
| System 1 : SULFUR RECOVERY UNIT TRAIN #1 | | | | | S13.2, S13.9, S13.10, S15.11, S18.6 |
| DRUM, 40-V-08, REACTION FURANCE STEAM, LENGTH: 18 FT; DIAMETER: 3 FT A/N: 433985 Permit to Construct Issued: 04/29/05 | D1264 | | | | |
| VESSEL, 40-V-04, SULFUR CONVERTER, THREE STAGES, LENGTH: 30 FT; DIAMETER: 8 FT A/N: 433985 Permit to Construct Issued: 04/29/05 | D1265 | | | | |
| DRUM, 40-V-05, INTERMITTENT BLOWDOWN, HEIGHT: 8 FT; DIAMETER: 2 FT 6 IN A/N: 433985 Permit to Construct Issued: 04/29/05 | D1266 | | | | |
| FURNACE, 40-H-05, REACTION, SULFUR, DIAMETER: 8 FT; LENGTH: 14 FT 6 IN WITH A/N: 433985 Permit to Construct Issued: 04/29/05 BURNER, 40-SP-5, COPE, HYDROGEN SULFIDE, 57.81 MMBTU/HR BURNER, 40-H-02, NO.1 AUXILIARY, HYDROGEN SULFIDE, 0.84 MMBTU/HR | D1267 | D179 D182 D200 D674 D675 D848 D849 D850 C1260 D1262 D1263 D1576 | | | D182.6, E73.3, I331.1 |

* (1)(1A)(1B) Denotes RECLAIM emission factor (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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|--|--------|--------------|---|---------------------------------|------------|
| Process 11 : SULFUR PRODUCTION | | | | | P13.1 |
| BURNER, 40-H-03, NO.2 AUXILIARY, HYDROGEN SULFIDE, 0.46 MMBTU/HR | | | | | |
| BURNER, 40-H-04, NO.3 AUXILIARY, HYDROGEN SULFIDE, 0.37 MMBTU/HR | | | | | |
| BOILER, 40-B-01, WASTE HEAT, HYDROGEN SULFIDE, NON-FIRED TYPE, 57.81 MMBTU/HR A/N: 433985 Permit to Construct Issued: 04/29/05 | D1268 | | | | |
| KNOCK OUT POT, AMMONIA ACID GAS, 40-V-02, LENGTH: 8 FT; DIAMETER: 2 FT 6 IN A/N: 433985 Permit to Construct Issued: 04/29/05 | D177 | | | | |
| SCRUBBER, 40-V-09, AMINE ACID GAS, LENGTH: 36 FT 6 IN; DIAMETER: 3 FT A/N: 433985 Permit to Construct Issued: 04/29/05 | D178 | D779 | | | |
| KNOCK OUT POT, SOUR WATER STRIPPER ACID GAS, 40-V-9-R1 A/N: 433985 Permit to Construct Issued: 04/29/05 | D852 | | | | |

* (1)(1A)(1B) Denotes RECLAIM emission factor
 (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|---|--------|--------------|---|---|------------|
| Process 11 : SULFUR PRODUCTION | | | | | P13.1 |
| KNOCK OUT POT, AMINE ACID GAS, 40-V-OX, HEIGHT: 10 FT; DIAMETER: 4 FT 6 IN A/N: 433985 Permit to Construct Issued: 04/29/05 | D853 | | | | |
| BLOWER, RECYCLE, 40-BL-03 A/N: 433985 Permit to Construct Issued: 04/29/05 | D854 | | | | |
| CONDENSER, 40-E-01, NO. 1, SULFUR A/N: 433985 Permit to Construct Issued: 04/29/05 | D1410 | | | | |
| CONDENSER, 40-E-02, NO. 2, SULFUR A/N: 433985 Permit to Construct Issued: 04/29/05 | D1411 | | | | |
| CONDENSER, 40-E-03, NO. 3, SULFUR A/N: 433985 Permit to Construct Issued: 04/29/05 | D1412 | | | | |
| CONDENSER, 40-E-04, NO. 4, SULFUR A/N: 433985 Permit to Construct Issued: 04/29/05 | D1413 | | | H2S: 10 PPMV (8) [40CFR 60 Subpart J,10-4-1991] ; H2S: 10 PPMV (5) [RULE 468,10-8-1976] ; HAP: (10) [40CFR 63 Subpart UUU, #4,2-9-2005] REDUCED S: 300 PPMV (8) [40CFR 60 Subpart J,10-4-1991] ; SOX: 500 PPMV (5) [RULE 407,4-2-1982] | |

* (1)(1A)(1B) Denotes RECLAIM emission factor (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|---|--------|--|---|---------------------------------|---|
| Process 11 : SULFUR PRODUCTION | | | | | P13.1 |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 433985 Permit to Construct Issued: 04/29/05 | D1349 | | | | H23.17 |
| System 2 : SULFUR RECOVERY UNIT TRAIN #2 | | | | | S13.2, S13.9, S13.10, S15.11, S18.6 |
| VESSEL, 40-V-54, SULFUR CONVERTER, THREE STAGES, HEIGHT: 30 FT; DIAMETER: 8 FT A/N: 433987 Permit to Construct Issued: 04/29/05 | D1272 | | | | |
| DRUM, 40-V-55, INTERMITTENT BLOWDOWN, HEIGHT: 8 FT; DIAMETER: 2 FT 6 IN A/N: 433987 Permit to Construct Issued: 04/29/05 | D1273 | | | | |
| DRUM, 40-V-58, REACTION FURNACE STEAM, HEIGHT: 18 FT; DIAMETER: 3 FT A/N: 433987 Permit to Construct Issued: 04/29/05 | D1274 | | | | |
| FURNACE, 40-H-55, REACTION, HYDROGEN SULFIDE, 57.81 MMBTU/HR WITH A/N: 433987 Permit to Construct Issued: 04/29/05 | D1275 | D179 D182 D200 D674 D675 D848 D849 D850 C1260 D1262 D1263 D1576 | | | D182.6, E73.3, I331.1 |

* (1)(1A)(1B) Denotes RECLAIM emission factor (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|--------------|---|---------------------------------|------------|
| Process 11 : SULFUR PRODUCTION | | | | | P13.1 |
| BURNER, 40-SP-55, COPE, HYDROGEN SULFIDE, DUIKER, MODEL 300, DIAMETER: 6 FT; LENGHT: 9 FT, 57.81 MMBTU/HR BURNER, 40-H-52, NO.1 AUXILIARY, HYDROGEN SULFIDE, 0.84 MMBTU/HR BURNER, 40-H-53, NO.2 AUXILIARY, HYDROGEN SULFIDE, 0.46 MMBTU/HR BURNER, 40-H-54, NO.3 AUXILIARY, HYDROGEN SULFIDE, 0.37 MMBTU/HR | | | | | |
| BOILER, 40-B-55, WASTE HEAT, NON- FIRED TYPE, HYDROGEN SULFIDE, DIAMETER: 4 FT 10 IN; LENGTH: 30 FT 6 IN, 57.81 MMBTU/HR A/N: 433987 Permit to Construct Issued: 04/29/05 | D1279 | | | | |
| KNOCK OUT POT, AMMONIA ACID GAS, 40-V-52, LENGTH: 8 FT; DIAMETER: 2 FT 6 IN A/N: 433987 Permit to Construct Issued: 04/29/05 | D180 | | | | |

* (1)(1A)(1B) Denotes RECLAIM emission factor
 (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|---|--------|--------------|---|---------------------------------|------------|
| Process 11 : SULFUR PRODUCTION | | | | | P13.1 |
| SCRUBBER, 40-V-59, AMINE ACID GAS, LENGTH: 36 FT 6 IN; DIAMETER: 3 FT A/N: 433987 Permit to Construct Issued: 04/29/05 | D181 | D779 | | | |
| KNOCK OUT POT, SOUR WATER STRIPPER ACID GAS, 40-V-59-R1 A/N: 433987 Permit to Construct Issued: 04/29/05 | D858 | | | | |
| KNOCK OUT POT, AMINE ACID GAS, 40-V-5X, HEIGHT: 10 FT; DIAMETER: 4 FT 6 IN A/N: 433987 Permit to Construct Issued: 04/29/05 | D859 | | | | |
| BLOWER, RECYCLE, 40-BL-53 A/N: 433987 Permit to Construct Issued: 04/29/05 | D860 | | | | |
| CONDENSER, 40-E-51, NO. 1, SULFUR A/N: 433987 Permit to Construct Issued: 04/29/05 | D1414 | | | | |
| CONDENSER, 40-E-52, NO. 2, SULFUR A/N: 433987 Permit to Construct Issued: 04/29/05 | D1415 | | | | |
| CONDENSER, 40-E-53, NO. 3, SULFUR A/N: 433987 Permit to Construct Issued: 04/29/05 | D1416 | | | | |

* (1)(1A)(1B) Denotes RECLAIM emission factor
 (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|---|---|--|---|
| Process 11 : SULFUR PRODUCTION | | | | | P13.1 |
| CONDENSER, 40-E-54, NO. 4, SULFUR A/N: 433987 Permit to Construct Issued: 04/29/05 | D1417 | | | H2S: 10 PPMV (8) [40CFR 60 Subpart J,10-4-1991] ; H2S: 10 PPMV (5) [RULE 468,10-8-1976] ; HAP: (10) [40CFR 63 Subpart UUU, #4,2-9-2005] REDUCED S: 300 PPMV (8) [40CFR 60 Subpart J,10-4-1991] ; SOX: 500 PPMV (5) [RULE 407,4-2-1982] | |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 433987 Permit to Construct Issued: 04/29/05 | D1350 | | | | H23.17 |
| System 4 : TAIL GAS STANDBY, OXIDATION CONTROL | | | | | S13.11, S18.7 |
| OXIDIZER, THERMAL, 41-IN-02, SULFUR RECOVERY UNIT, REFINERY GAS, 35.8 MMBTU/HR WITH A/N: 327327 Permit to Construct Issued: 05/06/98 BURNER, PCC/BLOOM, MODEL S-1160-280, SWIRL TYPE BAFFLE BURNER, WITH LOW NOX BURNER, STAGED COMBUSTION, 35.8 MMBTU/HR | C1260 | D179 D182 D200 D674 D675 D848 D849 D850 D1262 D1263 D1267 D1275 D1576 | NOX: MAJOR SOURCE** ; SOX: MAJOR SOURCE** | CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; PM: (9) [RULE 404,2-7-1986] | C8.1, C8.2, D29.11, D182.2, D328.1, E71.3, E71.4 |

* (1)(1A)(1B) Denotes RECLAIM emission factor (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|---|--------|----------------------|---|--|---------------|
| Process 11 : SULFUR PRODUCTION | | | | | P13.1 |
| System 6 : LIQUID SULFUR STORAGE | | | | | S15.8, S15.13 |
| PIT, 40-TK-01, SULFUR, WIDTH: 15 FT; DEPTH: 10 FT; LENGTH: 50 FT A/N: 433988 Permit to Construct Issued: 04/29/05 | D179 | C1260 D1267 D1275 | | H2S: 10 PPMV (5) [RULE 468,10-8-1976] | E73.2, E73.4 |
| PIT, 40-TK-51, SULFUR, WIDTH: 15 FT; DEPTH: 10 FT; LENGTH: 50 FT A/N: 433989 Permit to Construct Issued: 04/29/05 | D182 | C1260 D1267 D1275 | | H2S: 10 PPMV (5) [RULE 468,10-8-1976] | E73.2, E73.4 |
| STORAGE TANK, FIXED ROOF, 40-TK-2, SULFUR, HEIGHT: 32 FT; DIAMETER: 38 FT A/N: 433990 Permit to Construct Issued: 04/29/05 | D848 | C1260 D1267 D1275 | | | E73.2, E73.4 |
| System 7 : SULFUR VCS SERVING STORAGE TANK, PITS AND LOADING RACK | | | | | S15.8, S15.13 |
| EJECTOR, 40-EJ-01, SERVING SULFUR TANK, VENTED TO FRONT END OF SRU A/N: 433990 Permit to Construct Issued: 04/29/05 | D849 | C1260 D1267 D1275 | | | H23.1 |
| EJECTOR, 40-EJ-02, SERVING SULFUR TANK, VENTED TO FRONT END OF SRU A/N: 433990 Permit to Construct Issued: 04/29/05 | D850 | C1260 D1267 D1275 | | | H23.1 |
| EJECTOR, 40-EJ-03R, SERVING TRUCK LOADING RACK, VENTED TO FRONT END OF SRU A/N: 433991 Permit to Construct Issued: 04/29/05 | D1262 | C1260 D1267 D1275 | | | H23.1 |

* (1)(1A)(1B) Denotes RECLAIM emission factor
 (3) Denotes RECLAIM concentration limit
 (5)(5A)(5B) Denotes command and control emission limit
 (7) Denotes NSR applicability limit
 (9) See App B for Emission Limits
 (2)(2A)(2B) Denotes RECLAIM emission rate
 (4) Denotes BACT emission limit
 (6) Denotes air toxic control rule limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (10) See Section J for NESHAP/MACT requirements
 ** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|----------------------|---|---------------------------------|---|
| Process 11 : SULFUR PRODUCTION | | | | | P13.1 |
| EJECTOR, 40-EJ-04A, SERVING SULFUR PIT, VENTED TO FRONT END OF SRU A/N: 433988 Permit to Construct Issued: 04/29/05 | D1263 | C1260 D1267 D1275 | | | H23.1 |
| EJECTOR, 40-EJ-04B, SERVING SULFUR PIT, VENTED TO FRONT END OF SRU A/N: 433989 Permit to Construct Issued: 04/29/05 | D1576 | C1260 D1267 D1275 | | | H23.1 |
| System 38 : TAIL GAS UNIT 38, REDUCTION CONTROL | | | | | S4.5, S13.8, S15.6, S15.8, S18.10 |
| REACTOR, 41-V-03, HYDROGENATION, SRU TRAIN 1, (COMMON DEVICE), LENGTH: 8 FT; DIAMETER: 8 FT A/N: 337582 Permit to Construct Issued: 07/27/99 | D674 | C1260 D1267 D1275 | | | D12.4, I331.1 |
| REACTOR, 41-V-53, HYDROGENATION, SRU TRAIN 2, (COMMON DEVICE), LENGTH: 8 FT; DIAMETER: 8 FT A/N: 337582 Permit to Construct Issued: 07/27/99 | D675 | C1260 D1267 D1275 | | | D12.4, I331.1 |
| SCRUBBER, 41-V-5, AMINE, HEIGHT: 50 FT; DIAMETER: 6 FT A/N: 337582 Permit to Construct Issued: 07/27/99 | D142 | | | | D82.2, E73.3, I331.1 |

* (1)(1A)(1B) Denotes RECLAIM emission factor
 (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|---|--------|--------------|---|---------------------------------|------------|
| Process 11 : SULFUR PRODUCTION | | | | | P13.1 |
| COLUMN, 46-V-4007, AMINE REGENERATOR, HEIGHT: 63 FT; DIAMETER: 4 FT A/N: 337582 Permit to Construct Issued: 07/27/99 | D1255 | | | | |
| REGENERATOR, 46-V-4008, AMINE, HEIGHT: 9 FT 10 IN; DIAMETER: 2 FT 6 IN A/N: 337582 Permit to Construct Issued: 07/27/99 | D650 | | | | E336.3 |
| TANK, SURGE, 46-V-4010, AMINE, HEIGHT: 28 FT; DIAMETER: 6 FT A/N: 337582 Permit to Construct Issued: 07/27/99 | D651 | | | | |
| VESSEL, 46-V-4011, CONDENSATE POT, LENGTH: 6 FT; DIAMETER: 2 FT A/N: 337582 Permit to Construct Issued: 07/27/99 | D1256 | | | | |
| CONDENSER, 46-E-4011, REGENERATOR OVERHEAD, FIN-FAN TYPE A/N: 337582 Permit to Construct Issued: 07/27/99 | D1281 | | | | |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 337582 Permit to Construct Issued: 07/27/99 | D1351 | | | | |

* (1)(1A)(1B) Denotes RECLAIM emission factor
 (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|---|--------|----------------------|---|--|--------------------------------|
| Process 11 : SULFUR PRODUCTION | | | | | P13.1 |
| CONDENSER, DESUPERHEATER/CONTACT, 41-V-51, HEIGHT: 54 FT; DIAMETER: 6 FT A/N: 337582 Permit to Construct Issued: 07/27/99 | D1473 | | | | |
| System 39 : TAIL GAS UNIT 39, REDUCTION CONTROL | | | | | S13.8, S15.6, S15.8, S18.10 |
| REACTOR, 41-V-03, HYDROGENATION, SRU TRAIN 1, (COMMON DEVICE), LENGTH: 8 FT; DIAMETER: 8 FT A/N: 337582 Permit to Construct Issued: 07/27/99 | D674 | C1260 D1267 D1275 | | | D12.4, I331.1 |
| REACTOR, 41-V-53, HYDROGENATION, SRU TRAIN 2, (COMMON DEVICE), LENGTH: 8 FT; DIAMETER: 8 FT A/N: 337582 Permit to Construct Issued: 07/27/99 | D675 | C1260 D1267 D1275 | | | D12.4, I331.1 |
| ABSORBER, 39-V-2, AMINE, HEIGHT: 42 FT; DIAMETER: 7 FT A/N: 337582 Permit to Construct Issued: 07/27/99 | D148 | | | CO: 2000 PPMV (5) [RULE 407,4-2-1982] | D82.2, E73.3, I331.1 |

* (1)(1A)(1B) Denotes RECLAIM emission factor
 (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|----------------------|---|---|-------------------------------|
| Process 12 : LOADING/UNLOADING | | | | | P13.1 |
| System 5 : SULFUR TANK TRUCK AND TANK CAR LOADING | | | | | |
| LOADING ARM, DOUBLE PIPE JACKETED ARM, WITH VAPOR RETURN LINE, SULFUR, VENTED TO FRONT END OF SRU A/N: 433991 Permit to Construct Issued: 04/29/05 | D200 | C1260 D1267 D1275 | | | E73.2, E73.4 |
| Process 13 : OIL/WATER SEPARATION | | | | | |
| System 1 : WASTE WATER TREATMENT SYSTEM | | | | | S4.3, S13.7, S15.5, S15.12 |
| SUMP, 95-SMP-1, DIVERSION BOX, FIXED COVER, VENTED TO VAPOR RECOVERY SYSTEM, WIDTH: 21 FT 6 IN; DEPTH: 12 FT; HEIGHT: 34 FT A/N: 458073 Permit to Construct Issued: 06/21/07 | D201 | D1235 D1236 | | BENZENE: (10) [40CFR 61 Subpart FF_01,12-4-2003] ; VOC: 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003] | |
| SUMP, 95-SMP-2, TREATED EFFLUENT SUMP (TES), EFFLUENT WATER, FIXED COVER, 28426 GALS; WIDTH: 14 FT; DEPTH: 10 FT; LENGTH: 20 FT A/N: 458073 Permit to Construct Issued: 06/21/07 | D1618 | | | BENZENE: (10) [40CFR 61 Subpart FF_01,12-4-2003] ; VOC: 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003] | |
| WASTE WATER SEPARATOR, PARALLEL PLATE INTERCEPTOR, 95-ME-9001A, FIXED COVER A/N: 458073 Permit to Construct Issued: 06/21/07 | D209 | D1235 | | BENZENE: (10) [40CFR 61 Subpart FF_01,12-4-2003] ; VOC: 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003] | |

* (1)(1A)(1B) Denotes RECLAIM emission factor
 (3) Denotes RECLAIM concentration limit
 (5)(5A)(5B) Denotes command and control emission limit
 (7) Denotes NSR applicability limit
 (9) See App B for Emission Limits
 (2)(2A)(2B) Denotes RECLAIM emission rate
 (4) Denotes BACT emission limit
 (6) Denotes air toxic control rule limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (10) See Section J for NESHAP/MACT requirements
 ** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|---|--------|--------------|---|---|------------|
| Process 13 : OIL/WATER SEPARATION | | | | | |
| WASTE WATER SEPARATOR, PARALLEL PLATE INTERCEPTOR, 95-ME-9002 A, FIXED COVER A/N: 458073 Permit to Construct Issued: 06/21/07 | D210 | | | BENZENE: (10) [40CFR 61 Subpart FF_01,12-4-2003] ; VOC: 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003] | |
| HOPPER, 95-ME-9004, FIXED COVER, SLUDGE A/N: 458073 Permit to Construct Issued: 06/21/07 | D212 | D1235 | | BENZENE: (10) [40CFR 61 Subpart FF_01,12-4-2003] ; VOC: 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003] | |
| TANK, CENTRIFUGE FEED, 95-TK-9019, FIXED ROOF, 2000 BBL; DIAMETER: 25 FT; HEIGHT: 24 FT A/N: 458073 Permit to Construct Issued: 06/21/07 | D213 | D1235 | | | |
| WASTE WATER SEPARATOR, PARALLEL PLATE INTERCEPTOR, 95-ME-9001B, FIXED COVER A/N: 458073 Permit to Construct Issued: 06/21/07 | D214 | D1235 | | BENZENE: (10) [40CFR 61 Subpart FF_01,12-4-2003] ; VOC: 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003] | |
| WASTE WATER SEPARATOR, PARALLEL PLATE INTERCEPTOR, 95-ME-9002B, FIXED COVER A/N: 458073 Permit to Construct Issued: 06/21/07 | D215 | | | BENZENE: (10) [40CFR 61 Subpart FF_01,12-4-2003] ; VOC: 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003] | |
| TANK, DESANDER, 95-TK-9021A, FIXED ROOF, HEIGHT: 11 FT; DIAMETER: 6 FT A/N: 458073 Permit to Construct Issued: 06/21/07 | D881 | D1235 | | BENZENE: (10) [40CFR 61 Subpart FF_01,12-4-2003] ; VOC: 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003] | |

* (1)(1A)(1B) Denotes RECLAIM emission factor (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|--------------|---|---|------------|
| Process 13 : OIL/WATER SEPARATION | | | | | |
| TANK, DESANDER, 95-TK-9021B, FIXED ROOF, HEIGHT: 11 FT; DIAMETER: 6 FT A/N: 458073 Permit to Construct Issued: 06/21/07 | D882 | D1235 | | BENZENE: (10) [40CFR 61 Subpart FF_01,12-4-2003] ; VOC: 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003] | |
| SUMP, 83-SMP-3, CRUDE TANK DRAW-OFF, FIXED COVER, 13800 GALS; WIDTH: 10 FT; DEPTH: 9 FT; LENGTH: 10 FT A/N: 458073 Permit to Construct Issued: 06/21/07 | D999 | | | BENZENE: (10) [40CFR 61 Subpart FF_01,12-4-2003] ; VOC: 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003] | |
| TANK, 95-TK-9018, PPI SLUDGE BLOWDOWN, FIXED ROOF, VENTED TO VAPOR RECOVERY SYSTEM, 240 BBL; DIAMETER: 12 FT; HEIGHT: 12 FT A/N: 458073 Permit to Construct Issued: 06/21/07 | D1000 | D1235 | | BENZENE: (10) [40CFR 61 Subpart FF_01,12-4-2003] ; VOC: 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003] | |
| CONVEYOR, SCREW, SLUDGE AUGUR, 2HP A/N: 458073 Permit to Construct Issued: 06/21/07 | D1001 | | | | |
| MIXER, 95-ME-9004MX, SLUDGE A/N: 458073 Permit to Construct Issued: 06/21/07 | D1002 | | | | |

* (1)(1A)(1B) Denotes RECLAIM emission factor
 (3) Denotes RECLAIM concentration limit
 (5)(5A)(5B) Denotes command and control emission limit
 (7) Denotes NSR applicability limit
 (9) See App B for Emission Limits
 (2)(2A)(2B) Denotes RECLAIM emission rate
 (4) Denotes BACT emission limit
 (6) Denotes air toxic control rule limit
 (8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)
 (10) See Section J for NESHAP/MACT requirements
 ** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|---|--------|--------------|---|---|---------------|
| Process 13 : OIL/WATER SEPARATION | | | | | |
| WASTE WATER SEPARATOR, 95-V-9004, INDUCED GAS FLOTATION UNIT(IGF), FIXED COVER, 1000GPM CAPACITY, FUEL GAS BLANKETED, LENGTH: 29 FT; DIAMETER: 6 FT 6 IN A/N: 323862 Permit to Construct Issued: 05/01/97 | D1133 | | | BENZENE: (10) [40CFR 61 Subpart FF_01,12-4-2003] ; VOC: 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003] | |
| WASTE WATER SEPARATOR, 95-V-9003, INDUCED GAS FLOTATION UNIT(IGF), FIXED COVER, 1000 GPM CAPACITY, FUEL GAS BLANKETED, LENGTH: 29 FT; DIAMETER: 6 FT 6 IN A/N: 323862 Permit to Construct Issued: 05/01/97 | D1003 | | | BENZENE: (10) [40CFR 61 Subpart FF_01,12-4-2003] ; VOC: 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003] | |
| WASTE WATER SEPARATOR, AIR FLOTATION UNIT(AFU), ME-900, FIXED COVER, SPARE, HEIGHT: 10 FT 1 IN; DIAMETER: 14 FT A/N: 323862 Permit to Construct Issued: 05/01/97 | D1006 | | | BENZENE: (10) [40CFR 61 Subpart FF_01,12-4-2003] ; HAP: (10) [40CFR 63 Subpart CC, #2,5-25-2001] ; VOC: 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003] | |
| WASTE WATER SEPARATOR, API, 95-ME-9008, FIXED COVER, WITH FUEL GAS BLANKET AND CLOSED VENT SYSTEM VENTED TO VAPOR RECOVERY SYSTEM, 1.44E+06 GALS/DAY; WIDTH: 10 FT; HEIGHT: 7 FT 1 IN; LENGTH: 79 FT A/N: 323862 Permit to Construct Issued: 05/01/97 | D1224 | | | BENZENE: (10) [40CFR 61 Subpart FF_01,12-4-2003] ; HAP: (10) [40CFR 63 Subpart CC, #2,5-25-2001] ; VOC: 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003] | E57.1, H116.1 |

* (1)(1A)(1B) Denotes RECLAIM emission factor (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|---|--------|--------------|---|---|------------|
| Process 13 : OIL/WATER SEPARATION | | | | | |
| TANK, 95-TK-9028, FIXED ROOF, DRY OIL, WITH CLOSED VENT SYSTEM VENTED TO VAPOR RECOVERY SYSTEM, HEIGHT: 5 FT; DIAMETER: 3 FT A/N: 323862 Permit to Construct Issued: 05/01/97 | D1225 | | | BENZENE: (10) [40CFR 61 Subpart FF_01,12-4-2003] ; VOC: 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003] | E57.1 |
| TANK, 95-TK-9029, FIXED ROOF, SCUM, WITH CLOSED VENT SYSTEM VENTED TO VAPOR RECOVERY SYSTEM, HEIGHT: 7 FT; DIAMETER: 3 FT 6 IN A/N: 323862 Permit to Construct Issued: 05/01/97 | D1226 | | | BENZENE: (10) [40CFR 61 Subpart FF_01,12-4-2003] ; VOC: 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003] | E57.1 |
| TANK, 95-TK-9030, FIXED ROOF, RECOVERED WATER, WITH CLOSED VENT SYSTEM VENTED TO VAPOR RECOVERY SYSTEM, HEIGHT: 7 FT; DIAMETER: 6 FT A/N: 323862 Permit to Construct Issued: 05/01/97 | D1227 | | | BENZENE: (10) [40CFR 61 Subpart FF_01,12-4-2003] ; VOC: 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003] | E57.1 |
| KNOCK OUT POT, 95-V-9004, VENTED TO VAPOR RECOVERY SYSTEM, HEIGHT: 5 FT; DIAMETER: 1 FT 6 IN A/N: 458073 Permit to Construct Issued: 06/21/07 | D1234 | | | | |
| TANK, 95-TK-9020, OIL DRAIN, FIXED ROOF, VENTED TO VAPOR RECOVERY SYSTEM, HEIGHT: 5 FT; DIAMETER: 3 FT A/N: 458073 Permit to Construct Issued: 06/21/07 | D1240 | D1235 | | BENZENE: (10) [40CFR 61 Subpart FF_01,12-4-2003] ; VOC: 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003] | |

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 (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|--------------|---|---|----------------------|
| Process 13 : OIL/WATER SEPARATION | | | | | |
| TANK, 95-TK-9022, OIL DRAIN, FIXED ROOF, VENTED TO VAPOR RECOVERY SYSTEM, HEIGHT: 5 FT; DIAMETER: 3 FT A/N: 458073 Permit to Construct Issued: 06/21/07 | D1241 | D1235 | | BENZENE: (10) [40CFR 61 Subpart FF_01,12-4-2003] ; VOC: 500 PPMV (8) [40CFR 61 Subpart FF,12-4-2003] | |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 458073 Permit to Construct Issued: 06/21/07 | D1353 | | | HAP: (10) [40CFR 63 Subpart CC, #5A,5-25-2001] | H23.17 |
| DRAIN SYSTEM COMPONENT A/N: 458073 Permit to Construct Issued: 06/21/07 | D1405 | | | HAP: (10) [40CFR 63 Subpart CC, #2,5-25-2001] | |
| Process 14 : STORAGE TANKS | | | | | P13.1 |
| System 1 : FIXED ROOF TANKS | | | | | S13.5 |
| STORAGE TANK, FIXED ROOF, 48-TK-2, SOUR WATER, VENTED TO VAPOR RECOVERY SYSTEM, 50000 BBL; DIAMETER: 90 FT; HEIGHT: 48 FT A/N: 306175 Permit to Construct Issued: 02/01/96 | D1129 | | | | C1.25, H23.18 |
| System 2 : EXTERNAL FLOATING ROOF TANKS | | | | | S13.5 |
| STORAGE TANK, EXTERNAL FLOATING ROOF, 82-TK-1, GASOLINE, MTBE, 100000 BBL; DIAMETER: 127 FT 6 IN; HEIGHT: 48 FT WITH A/N: 430942 Permit to Construct Issued: 03/02/05 | D268 | | | HAP: (10) [40CFR 63 Subpart CC, #3A,5-25-2001] | C1.12, H23.6, K171.3 |

* (1)(1A)(1B) Denotes RECLAIM emission factor
 (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|--------------|---|---|-------------------------|
| Process 14 : STORAGE TANKS | | | | | P13.1 |
| DOME COVER, GEODESIC FLOATING ROOF, PONTOON, WELDED SHELL PRIMARY SEAL, CATEGORY A, MECHANICAL SHOE SECONDARY SEAL, CATEGORY A, RIM MOUNTED, DOUBLE WIPER GUIDEPOLE, GASKETED COVER, WITH FLOAT, SLEEVE, WIPER, SLOTTED | | | | | |
| STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 82-TK-2, GASOLINE, GASOLINE BLENDING PRODUCTS, WELDED SHELL, 100000 BBL; DIAMETER: 127 FT 6 IN; HEIGHT: 48 FT WITH A/N: 450532 Permit to Construct Issued: 12/21/05 DOME COVER, GEODESIC FLOATING ROOF, PONTOON PRIMARY SEAL, MECHANICAL SHOE | D269 | | | HAP: (10) [40CFR 63 Subpart CC, #3A,5-25-2001] | C1.12, H23.6, K171.3 |

* (1)(1A)(1B) Denotes RECLAIM emission factor
 (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|--------------|---|---|--------------------------------|
| Process 14 : STORAGE TANKS | | | | | P13.1 |
| SECONDARY SEAL, RIM MOUNTED, WIPER TYPE GUIDEPOLE, GASKETED COVER, WITH POLE WIPER, POLE SLEEVE, POLE FLOAT, AND POLE FLOAT WIPER, SLOTTED | | | | | |
| STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 82-TK-4, WELDED SHELL, 50000 BBL; DIAMETER: 91 FT; HEIGHT: 48 FT WITH A/N: 450533 Permit to Construct Issued: 12/21/05 DOME COVER, GEODESIC FLOATING ROOF, PONTOON PRIMARY SEAL, MECHANICAL SHOE SECONDARY SEAL, RIM MOUNTED, WIPER TYPE GUIDEPOLE, GASKETED COVER, WITH POLE WIPER, POLE SLEEVE, POLE FLOAT, AND POLE FLOAT WIPER, SLOTTED | D271 | | | HAP: (10) [40CFR 63 Subpart CC, #3A,5-25-2001] | B22.7, C1.18, H23.6, K171.3 |

* (1)(1A)(1B) Denotes RECLAIM emission factor
 (2)(2A)(2B) Denotes RECLAIM emission rate
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 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|--------------|---|---|------------------------------|
| Process 14 : STORAGE TANKS | | | | | P13.1 |
| STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 94-TK-903, WELDED SHELL, 35000 BBL; DIAMETER: 71 FT; HEIGHT: 52 FT WITH A/N: 450534 Permit to Construct Issued: 12/21/05 DOME COVER, GEODESIC FLOATING ROOF, PONTOON PRIMARY SEAL, MECHANICAL SHOE SECONDARY SEAL, RIM MOUNTED, WIPER TYPE GUIDEPOLE, GASKETED COVER, WITH POLE WIPER, POLE SLEEVE, POLE FLOAT, AND POLE FLOAT WIPER, SLOTTED | D278 | | | HAP: (10) [40CFR 63 Subpart CC, #2,5-25-2001] | K67.6, K171.3 |
| STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 82-TK-9, RAFFINATE, ALKYLATE, GASOLINE, MTBE, WELDED SHELL, 100000 BBL; DIAMETER: 130 FT 6 IN; HEIGHT: 48 FT WITH A/N: 450535 Permit to Construct Issued: 12/21/05 DOME COVER, GEODESIC | D448 | | | HAP: (10) [40CFR 63 Subpart CC, #3A,5-25-2001] | C1.29, C1.30, H23.11, K171.3 |

* (1)(1A)(1B) Denotes RECLAIM emission factor (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

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The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|---|--------|--------------|---|---|-------------------------|
| Process 14 : STORAGE TANKS | | | | | P13.1 |
| FLOATING ROOF, DOUBLE DECK PRIMARY SEAL, CATEGORY A, MECHANICAL SHOE SECONDARY SEAL, CATEGORY B OR BETTER, RIM MOUNTED, WIPER TYPE GUIDEPOLE, GASKETED COVER, WITH POLE WIPER, POLE SLEEVE, POLE FLOAT, AND POLE FLOAT WIPER, SLOTTED | | | | | |
| STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 94-TK-9030, NAPHTHA, GAS OIL, GASOLINE, CRUDE, WELDED SHELL, 150000 BBL; DIAMETER: 140 FT; HEIGHT: 56 FT WITH A/N: 450536 Permit to Construct Issued: 12/21/05 DOME COVER, GEODESIC FLOATING ROOF, PONTOON PRIMARY SEAL, MECHANICAL SHOE | D864 | | | HAP: (10) [40CFR 63 Subpart CC, #3A,5-25-2001] | C1.8, H23.11, K171.3 |

* (1)(1A)(1B) Denotes RECLAIM emission factor
 (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|--------------|---|---|----------------------|
| Process 14 : STORAGE TANKS | | | | | P13.1 |
| SECONDARY SEAL, RIM MOUNTED, WIPER TYPE GUIDEPOLE, GASKETED COVER, WITH POLE WIPER, POLE SLEEVE, POLE FLOAT, AND POLE FLOAT WIPER, SLOTTED | | | | | |
| STORAGE TANK, DOMED EXTERNAL FLOATING ROOF, 94-TK-9031, NAPHTHA, GAS OIL, CRUDE, GASOLINE, WELDED SHELL, 150000 BBL; DIAMETER: 140 FT; HEIGHT: 56 FT WITH A/N: 450538 Permit to Construct Issued: 12/21/05 DOME COVER, GEODESIC FLOATING ROOF, PONTOON PRIMARY SEAL, MECHANICAL SHOE SECONDARY SEAL, RIM MOUNTED, WIPER TYPE GUIDEPOLE, GASKETED COVER, WITH POLE WIPER, POLE SLEEVE, POLE FLOAT, AND POLE FLOAT WIPER, SLOTTED | D868 | | | HAP: (10) [40CFR 63 Subpart CC, #3A,5-25-2001] | C1.8, H23.11, K171.3 |

* (1)(1A)(1B) Denotes RECLAIM emission factor (2)(2A)(2B) Denotes RECLAIM emission rate
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 (5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|--------------|---|--|---|
| Process 14 : STORAGE TANKS | | | | | P13.1 |
| System 5 : PRESSURE TANKS, BUTANE STORAGE | | | | | S4.4, S13.4, S15.12, S31.5 |
| STORAGE TANK, PRESSURIZED, 81-V-9, BUTANE, SPHERICAL, 5000 BBL; DIAMETER: 38 FT A/N: 416633 Permit to Construct Issued: 12/16/04 | D1547 | | | | |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 416633 Permit to Construct Issued: 12/16/04 | D1548 | | | | H23.16 |
| Process 15 : STEAM GENERATION | | | | | |
| System 4 : BOILER | | | | | S4.4, S31.5 |
| BOILER, 86-B-9002, REFINERY GAS, RENTECH BOILER SYSTEMS, MODEL BAF-200/250, 245 MMBTU/HR WITH A/N: 416628 Permit to Construct Issued: 12/16/04 | D1550 | C1551 | NOX: MAJOR SOURCE**; SOX: MAJOR SOURCE** | CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; CO: 50 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996;RULE 1303(a)(1)-BACT,12-6-2002] NOX: 9 PPMV (4) [RULE 2005,5-6-2005] ; NOX: 7 PPMV(Monthly) (4) [RULE 2005,5-6-2005] ; NOX: 0.035 LBS/MMBTU REFINERY GAS (1) [RULE 2012,5-6-2005] | A1.2, A99.6, A99.7, A99.8, A195.1, B61.1, B61.2, D29.9, D29.10, D82.5, D90.3, H23.5, H23.28, K67.10 |

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 (5)(5A)(5B) Denotes command and control emission limit
 (7) Denotes NSR applicability limit
 (9) See App B for Emission Limits
 (2)(2A)(2B) Denotes RECLAIM emission rate
 (4) Denotes BACT emission limit
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 ** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|--------------|---|--|------------|
| Process 15 : STEAM GENERATION | | | | | |
| BURNER, REFINERY GAS, COEN, MODEL DAF-42, WITH LOW NOX BURNER, 245 MMBTU/HR | | | | PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; PM: (9) [RULE 404,2-7-1986] ; SOX: 16.9 LBS/MMSCF REFINERY GAS (1) [RULE 2011,5-6-2005] | |
| VESSEL, DEAERATOR, 86-V-1, HEIGHT: 10 FT; DIAMETER: 7 FT A/N: 416628 Permit to Construct Issued: 12/16/04 | D1552 | | | | |
| DRUM, BOILER BLOWDOWN, 86-V-2, LENGTH: 6 FT; DIAMETER: 4 FT A/N: 416628 Permit to Construct Issued: 12/16/04 | D1553 | | | | |
| TANK, OXYGEN SCAVENGER, 86-TK-2, PORTABLE A/N: 416628 Permit to Construct Issued: 12/16/04 | D1554 | | | | |
| TANK, DISPERSENT/POLYMER, 86-TK-3, PORTABLE A/N: 416628 Permit to Construct Issued: 12/16/04 | D1555 | | | | |
| TANK, AMINE, 86-TK-4, PORTABLE A/N: 416628 Permit to Construct Issued: 12/16/04 | D1556 | | | | |

* (1)(1A)(1B) Denotes RECLAIM emission factor
 (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|--|--------|--------------|---|---|----------------------------|
| Process 15 : STEAM GENERATION | | | | | |
| SELECTIVE CATALYTIC REDUCTION, SERVING BOILER 86-B-9002, RENTECH BOILER SYSTEMS, CORMETECH, 225 CU.FT. WITH A/N: 416629 Permit to Construct Issued: 12/16/04 AMMONIA INJECTION | C1551 | D1550 | | NH3: 20 PPMV (4) [RULE 1303(a)(1)-BACT,5-10-1996;RULE 1303(a)(1)-BACT,12-6-2002] | A1.3, D28.4, E73.1, K171.1 |
| Process 17 : AIR POLLUTION CONTROL | | | | | |
| System 1 : VAPOR RECOVERY UNIT | | | | | S4.8, S15.6, S18.2 |
| KNOCK OUT POT, SEPARATOR, 93-V-9004, 1ST STAGE KNOCKOUT, LENGTH: 14 FT; DIAMETER: 6 FT A/N: 421771 Permit to Construct Issued: 12/16/04 | D398 | | | | |
| COMPRESSOR, VAPOR RECOVERY STANDBY, 93-C-400C, 2.366 MMSCFD, 400 HP, 1 STAGE A/N: 421771 Permit to Construct Issued: 12/16/04 | D548 | | | | |
| KNOCK OUT POT, STANDBY COMPRESSOR DISCHARGE, 93-V-9003, LENGTH: 6 FT; DIAMETER: 2 FT A/N: 421771 Permit to Construct Issued: 12/16/04 | C397 | | | | |
| KNOCK OUT POT, SUCTION, 93-V-9005, LENGTH: 12 FT; DIAMETER: 6 FT A/N: 421771 Permit to Construct Issued: 12/16/04 | C394 | | | | |

* (1)(1A)(1B) Denotes RECLAIM emission factor
 (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|---|--------|--------------|---|---------------------------------|-------------------------|
| Process 17 : AIR POLLUTION CONTROL | | | | | |
| KNOCK OUT POT, FIRST STAGE, 93-V-9006, LENGTH: 10 FT; DIAMETER: 4 FT 6 IN A/N: 421771 Permit to Construct Issued: 12/16/04 | C395 | | | | |
| COMPRESSOR, 93-C-9001A/B, VAPOR RECOVERY, 233,000 SCFH, 1250 HP, 2-STAGE A/N: 421771 Permit to Construct Issued: 12/16/04 | D549 | | | | |
| VESSEL, 93-V-9007, COMPRESSOR DISCHARGE KNOCKOUT, LENGTH: 10 FT; DIAMETER: 3 FT 6 IN A/N: 421771 Permit to Construct Issued: 12/16/04 | D396 | | | | |
| EJECTOR, 93-EJ-9001, COMPRESSOR PACKING VENT A/N: 421771 Permit to Construct Issued: 12/16/04 | D1299 | | | | H23.1 |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 421771 Permit to Construct Issued: 12/16/04 | D872 | | | | H23.17 |
| System 46 : AMINE REGENERATION UNIT 46 | | | | | S13.2, S15.4, S15.12 |
| REGENERATOR, 46-V-4008, AMINE, HEIGHT: 9 FT 10 IN; DIAMETER: 2 FT 6 IN A/N: 337582 Permit to Construct Issued: 07/27/99 | D650 | | | | E336.3 |

* (1)(1A)(1B) Denotes RECLAIM emission factor
 (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|---|--------|--------------|---|---|------------|
| Process 17 : AIR POLLUTION CONTROL | | | | | |
| TANK, SURGE, 46-V-4010, AMINE, HEIGHT: 28 FT; DIAMETER: 6 FT A/N: 337582 Permit to Construct Issued: 07/27/99 | D651 | | | | |
| COLUMN, 46-V-4007, AMINE REGENERATOR, HEIGHT: 63 FT; DIAMETER: 4 FT A/N: 337582 Permit to Construct Issued: 07/27/99 | D1255 | | | | |
| VESSEL, 46-V-4011, CONDENSATE POT, LENGTH: 6 FT; DIAMETER: 2 FT A/N: 337582 Permit to Construct Issued: 07/27/99 | D1256 | | | | |
| FUGITIVE EMISSIONS, MISCELLANEOUS A/N: 337582 Permit to Construct Issued: 07/27/99 | D1368 | | | | H23.17 |
| Process 19 : PETROLEUM MISCELLANEOUS | | | | | |
| System 1 : FUEL DISPENSING STATION | | | | | |
| FUEL DISPENSING NOZZLE, BALANCE TYPE PHASE II CONTROL, TWO, GASOLINE A/N: 442441 Permit to Construct Issued: 06/01/05 | D983 | | | ROG: (9) [RULE 461, Balance Conditions, 1-9-2004; RULE 461 _Universal, 6-3-2005] | D330.1 |
| FUEL DISPENSING NOZZLE, NO PHASE II CONTROL, TWO, DIESEL FUEL A/N: 442441 Permit to Construct Issued: 06/01/05 | D984 | | | | |

* (1)(1A)(1B) Denotes RECLAIM emission factor (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|---|--------|--------------|---|---|--------------|
| Process 19 : PETROLEUM MISCELLANEOUS | | | | | |
| STORAGE TANK, METHANOL COMPATIBLE, UNDERGROUND, DUAL COMPARTMENT, DIESEL, 8000 GALS, GASOLINE, WITH PHASE I VAPOR RECOVERY SYSTEM PHIL-TITE (VR-101-D), 12000 GALS A/N: 442441 Permit to Construct Issued: 06/01/05 | D990 | | | ROG: (9) [RULE 461, Phase I EVR Conditions,1-9-2004;RULE 461_Universal,6-3-2005] | C1.36, C1.37 |

* (1)(1A)(1B) Denotes RECLAIM emission factor
 (3) Denotes RECLAIM concentration limit
 (5)(5A)(5B) Denotes command and control emission limit
 (7) Denotes NSR applicability limit
 (9) See App B for Emission Limits
 (2)(2A)(2B) Denotes RECLAIM emission rate
 (4) Denotes BACT emission limit
 (6) Denotes air toxic control rule limit
 (8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)
 (10) See Section J for NESHAP/MACT requirements
 ** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

**FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)**

SECTION H: DEVICE ID INDEX

**The following sub-section provides an index
to the devices that make up the facility
description sorted by device ID.**

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: DEVICE ID INDEX

| Device Index For Section H | | | |
|----------------------------|--------------------|---------|--------|
| Device ID | Section H Page No. | Process | System |
| D35 | 1 | 3 | 1 |
| D36 | 1 | 3 | 1 |
| D37 | 2 | 3 | 1 |
| D43 | 5 | 4 | 1 |
| D44 | 5 | 4 | 1 |
| D45 | 7 | 4 | 1 |
| D46 | 6 | 4 | 1 |
| D47 | 6 | 4 | 1 |
| D49 | 7 | 4 | 1 |
| D50 | 7 | 4 | 1 |
| D51 | 6 | 4 | 1 |
| D61 | 8 | 4 | 7 |
| D62 | 12 | 5 | 1 |
| D65 | 12 | 5 | 1 |
| D66 | 12 | 5 | 1 |
| D68 | 12 | 5 | 1 |
| D69 | 13 | 5 | 1 |
| D70 | 13 | 5 | 1 |
| D71 | 13 | 5 | 1 |
| D72 | 13 | 5 | 1 |
| D74 | 17 | 5 | 2 |
| D77 | 19 | 7 | 1 |
| D78 | 19 | 7 | 1 |
| D79 | 19 | 7 | 1 |
| D81 | 19 | 7 | 1 |
| D82 | 20 | 7 | 1 |
| D84 | 20 | 7 | 1 |
| D85 | 20 | 7 | 1 |
| D87 | 20 | 7 | 1 |
| D88 | 21 | 7 | 1 |
| D89 | 22 | 7 | 1 |
| D90 | 23 | 7 | 1 |
| D101 | 27 | 7 | 3 |
| D102 | 27 | 7 | 3 |
| D104 | 27 | 7 | 3 |
| D105 | 27 | 7 | 3 |

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: DEVICE ID INDEX

| Device Index For Section H | | | |
|----------------------------|--------------------|---------|--------|
| Device ID | Section H Page No. | Process | System |
| D106 | 28 | 7 | 3 |
| D107 | 28 | 7 | 3 |
| D108 | 28 | 7 | 3 |
| D113 | 28 | 7 | 3 |
| D123 | 30 | 8 | 4 |
| D124 | 31 | 8 | 4 |
| D125 | 31 | 8 | 4 |
| D126 | 31 | 8 | 4 |
| D127 | 31 | 8 | 4 |
| D128 | 32 | 8 | 4 |
| D142 | 44 | 11 | 38 |
| D148 | 46 | 11 | 39 |
| D177 | 37 | 11 | 1 |
| D178 | 37 | 11 | 1 |
| D179 | 43 | 11 | 6 |
| D180 | 40 | 11 | 2 |
| D181 | 41 | 11 | 2 |
| D182 | 43 | 11 | 6 |
| D200 | 47 | 12 | 5 |
| D201 | 47 | 13 | 1 |
| D202 | 34 | 10 | 14 |
| D209 | 47 | 13 | 1 |
| D210 | 48 | 13 | 1 |
| D212 | 48 | 13 | 1 |
| D213 | 48 | 13 | 1 |
| D214 | 48 | 13 | 1 |
| D215 | 48 | 13 | 1 |
| D268 | 52 | 14 | 2 |
| D269 | 53 | 14 | 2 |
| D271 | 54 | 14 | 2 |
| D278 | 55 | 14 | 2 |
| C394 | 60 | 17 | 1 |
| C395 | 61 | 17 | 1 |
| D396 | 61 | 17 | 1 |
| C397 | 60 | 17 | 1 |
| D398 | 60 | 17 | 1 |

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: DEVICE ID INDEX

| Device Index For Section H | | | |
|----------------------------|--------------------|---------|--------|
| Device ID | Section H Page No. | Process | System |
| D423 | 8 | 4 | 7 |
| D424 | 9 | 4 | 7 |
| D425 | 9 | 4 | 7 |
| D426 | 9 | 4 | 7 |
| D427 | 9 | 4 | 7 |
| D428 | 9 | 4 | 7 |
| D430 | 11 | 4 | 8 |
| C431 | 12 | 4 | 8 |
| D448 | 55 | 14 | 2 |
| D548 | 60 | 17 | 1 |
| D549 | 61 | 17 | 1 |
| D553 | 5 | 4 | 1 |
| D554 | 13 | 5 | 1 |
| D555 | 13 | 5 | 1 |
| D556 | 13 | 5 | 1 |
| D557 | 28 | 7 | 3 |
| D593 | 9 | 4 | 7 |
| D594 | 10 | 4 | 7 |
| D595 | 10 | 4 | 7 |
| D596 | 10 | 4 | 7 |
| D598 | 10 | 4 | 7 |
| D650 | 61 | 17 | 46 |
| D650 | 45 | 11 | 38 |
| D651 | 62 | 17 | 46 |
| D651 | 45 | 11 | 38 |
| D674 | 44 | 11 | 38 |
| D674 | 46 | 11 | 39 |
| D675 | 44 | 11 | 38 |
| D675 | 46 | 11 | 39 |
| D788 | 29 | 7 | 3 |
| D789 | 29 | 7 | 3 |
| D828 | 30 | 8 | 3 |
| D848 | 43 | 11 | 6 |
| D849 | 43 | 11 | 7 |
| D850 | 43 | 11 | 7 |
| D852 | 37 | 11 | 1 |

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: DEVICE ID INDEX

| Device Index For Section H | | | |
|----------------------------|--------------------|---------|--------|
| Device ID | Section H Page No. | Process | System |
| D853 | 38 | 11 | 1 |
| D854 | 38 | 11 | 1 |
| D858 | 41 | 11 | 2 |
| D859 | 41 | 11 | 2 |
| D860 | 41 | 11 | 2 |
| D864 | 56 | 14 | 2 |
| D868 | 57 | 14 | 2 |
| D872 | 61 | 17 | 1 |
| D881 | 48 | 13 | 1 |
| D882 | 49 | 13 | 1 |
| D918 | 5 | 4 | 1 |
| D919 | 5 | 4 | 1 |
| D920 | 7 | 4 | 1 |
| D921 | 7 | 4 | 1 |
| D925 | 14 | 5 | 1 |
| D926 | 14 | 5 | 1 |
| D927 | 14 | 5 | 1 |
| D930 | 14 | 5 | 1 |
| D931 | 14 | 5 | 1 |
| D932 | 14 | 5 | 1 |
| D933 | 14 | 5 | 1 |
| D934 | 15 | 5 | 1 |
| D935 | 15 | 5 | 1 |
| D936 | 15 | 5 | 1 |
| D937 | 15 | 5 | 1 |
| D938 | 15 | 5 | 1 |
| D939 | 16 | 5 | 1 |
| D940 | 16 | 5 | 1 |
| D941 | 16 | 5 | 1 |
| D942 | 16 | 5 | 1 |
| D943 | 16 | 5 | 1 |
| D944 | 16 | 5 | 1 |
| D945 | 16 | 5 | 1 |
| D946 | 17 | 5 | 1 |
| D947 | 18 | 7 | 1 |
| D948 | 18 | 7 | 1 |

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: DEVICE ID INDEX

| Device Index For Section H | | | |
|----------------------------|--------------------|---------|--------|
| Device ID | Section H Page No. | Process | System |
| D949 | 22 | 7 | 1 |
| D950 | 23 | 7 | 1 |
| D952 | 23 | 7 | 1 |
| D953 | 23 | 7 | 1 |
| D954 | 23 | 7 | 1 |
| D965 | 31 | 8 | 4 |
| D966 | 32 | 8 | 4 |
| D983 | 62 | 19 | 1 |
| D984 | 62 | 19 | 1 |
| D990 | 63 | 19 | 1 |
| D999 | 49 | 13 | 1 |
| D1000 | 49 | 13 | 1 |
| D1001 | 49 | 13 | 1 |
| D1002 | 49 | 13 | 1 |
| D1003 | 50 | 13 | 1 |
| D1006 | 50 | 13 | 1 |
| D1011 | 22 | 7 | 1 |
| D1023 | 2 | 3 | 1 |
| D1024 | 2 | 3 | 1 |
| D1057 | 8 | 4 | 1 |
| D1058 | 8 | 4 | 1 |
| D1129 | 52 | 14 | 1 |
| D1133 | 50 | 13 | 1 |
| D1212 | 17 | 5 | 1 |
| D1213 | 17 | 5 | 1 |
| D1214 | 17 | 5 | 1 |
| D1224 | 50 | 13 | 1 |
| D1225 | 51 | 13 | 1 |
| D1226 | 51 | 13 | 1 |
| D1227 | 51 | 13 | 1 |
| D1234 | 51 | 13 | 1 |
| D1240 | 51 | 13 | 1 |
| D1241 | 52 | 13 | 1 |
| D1247 | 2 | 3 | 1 |
| D1249 | 2 | 3 | 1 |
| D1255 | 62 | 17 | 46 |

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: DEVICE ID INDEX

| Device Index For Section H | | | |
|----------------------------|--------------------|---------|--------|
| Device ID | Section H Page No. | Process | System |
| D1255 | 45 | 11 | 38 |
| D1256 | 62 | 17 | 46 |
| D1256 | 45 | 11 | 38 |
| C1260 | 42 | 11 | 4 |
| D1262 | 43 | 11 | 7 |
| D1263 | 44 | 11 | 7 |
| D1264 | 36 | 11 | 1 |
| D1265 | 36 | 11 | 1 |
| D1266 | 36 | 11 | 1 |
| D1267 | 36 | 11 | 1 |
| D1268 | 37 | 11 | 1 |
| D1272 | 39 | 11 | 2 |
| D1273 | 39 | 11 | 2 |
| D1274 | 39 | 11 | 2 |
| D1275 | 39 | 11 | 2 |
| D1279 | 40 | 11 | 2 |
| D1281 | 45 | 11 | 38 |
| D1288 | 23 | 7 | 1 |
| D1289 | 23 | 7 | 1 |
| D1290 | 29 | 7 | 3 |
| D1299 | 61 | 17 | 1 |
| D1321 | 2 | 3 | 1 |
| D1323 | 8 | 4 | 1 |
| D1328 | 11 | 4 | 7 |
| D1331 | 17 | 5 | 1 |
| D1333 | 26 | 7 | 1 |
| D1334 | 29 | 7 | 3 |
| D1338 | 30 | 8 | 3 |
| D1339 | 32 | 8 | 4 |
| D1348 | 32 | 10 | 8 |
| D1349 | 39 | 11 | 1 |
| D1350 | 42 | 11 | 2 |
| D1351 | 45 | 11 | 38 |
| D1353 | 52 | 13 | 1 |
| D1368 | 62 | 17 | 46 |
| D1381 | 6 | 4 | 1 |

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: DEVICE ID INDEX

| Device Index For Section H | | | |
|----------------------------|--------------------|---------|--------|
| Device ID | Section H Page No. | Process | System |
| D1382 | 5 | 4 | 1 |
| D1383 | 6 | 4 | 1 |
| D1384 | 7 | 4 | 1 |
| D1385 | 6 | 4 | 1 |
| D1402 | 29 | 8 | 3 |
| D1403 | 30 | 8 | 3 |
| D1404 | 30 | 8 | 3 |
| D1405 | 52 | 13 | 1 |
| D1409 | 30 | 8 | 3 |
| D1410 | 38 | 11 | 1 |
| D1411 | 38 | 11 | 1 |
| D1412 | 38 | 11 | 1 |
| D1413 | 38 | 11 | 1 |
| D1414 | 41 | 11 | 2 |
| D1415 | 41 | 11 | 2 |
| D1416 | 41 | 11 | 2 |
| D1417 | 42 | 11 | 2 |
| D1464 | 8 | 4 | 7 |
| D1465 | 10 | 4 | 7 |
| D1466 | 11 | 4 | 7 |
| D1467 | 11 | 4 | 7 |
| D1473 | 46 | 11 | 38 |
| D1481 | 10 | 4 | 7 |
| D1482 | 10 | 4 | 7 |
| D1483 | 18 | 7 | 1 |
| D1484 | 19 | 7 | 1 |
| D1485 | 19 | 7 | 1 |
| D1486 | 20 | 7 | 1 |
| D1487 | 20 | 7 | 1 |
| D1488 | 21 | 7 | 1 |
| D1489 | 21 | 7 | 1 |
| D1490 | 21 | 7 | 1 |
| D1491 | 21 | 7 | 1 |
| D1493 | 22 | 7 | 1 |
| D1494 | 22 | 7 | 1 |
| D1495 | 22 | 7 | 1 |

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: DEVICE ID INDEX

| Device Index For Section H | | | |
|----------------------------|--------------------|---------|--------|
| Device ID | Section H Page No. | Process | System |
| D1496 | 24 | 7 | 1 |
| D1497 | 24 | 7 | 1 |
| D1498 | 24 | 7 | 1 |
| D1499 | 24 | 7 | 1 |
| D1500 | 24 | 7 | 1 |
| D1501 | 24 | 7 | 1 |
| D1502 | 24 | 7 | 1 |
| D1503 | 25 | 7 | 1 |
| D1504 | 25 | 7 | 1 |
| D1505 | 25 | 7 | 1 |
| D1506 | 25 | 7 | 1 |
| D1507 | 25 | 7 | 1 |
| D1508 | 25 | 7 | 1 |
| D1509 | 25 | 7 | 1 |
| D1510 | 26 | 7 | 1 |
| D1511 | 21 | 7 | 1 |
| D1512 | 26 | 7 | 1 |
| D1513 | 26 | 7 | 1 |
| D1514 | 26 | 7 | 1 |
| D1515 | 26 | 7 | 3 |
| D1516 | 27 | 7 | 3 |
| D1517 | 27 | 7 | 3 |
| D1518 | 28 | 7 | 3 |
| D1519 | 28 | 7 | 3 |
| D1524 | 31 | 8 | 4 |
| D1525 | 32 | 10 | 8 |
| D1547 | 58 | 14 | 5 |
| D1548 | 58 | 14 | 5 |
| D1550 | 58 | 15 | 4 |
| C1551 | 60 | 15 | 4 |
| D1552 | 59 | 15 | 4 |
| D1553 | 59 | 15 | 4 |
| D1554 | 59 | 15 | 4 |
| D1555 | 59 | 15 | 4 |
| D1556 | 59 | 15 | 4 |
| D1566 | 3 | 3 | 5 |

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: DEVICE ID INDEX

| Device Index For Section H | | | |
|----------------------------|--------------------|---------|--------|
| Device ID | Section H Page No. | Process | System |
| C1567 | 4 | 3 | 5 |
| D1568 | 4 | 3 | 6 |
| C1569 | 4 | 3 | 6 |
| D1576 | 44 | 11 | 7 |
| D1597 | 33 | 10 | 14 |
| D1598 | 33 | 10 | 14 |
| D1599 | 33 | 10 | 14 |
| D1600 | 33 | 10 | 14 |
| D1601 | 33 | 10 | 14 |
| D1602 | 34 | 10 | 14 |
| D1603 | 34 | 10 | 14 |
| D1604 | 34 | 10 | 14 |
| D1605 | 34 | 10 | 14 |
| D1607 | 35 | 10 | 14 |
| D1608 | 35 | 10 | 14 |
| D1610 | 35 | 10 | 14 |
| D1611 | 35 | 10 | 14 |
| C1615 | 3 | 3 | 3 |
| D1618 | 47 | 13 | 1 |
| D1638 | 32 | 10 | 8 |

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

FACILITY CONDITIONS

- F8.1 The operator shall comply with all applicable mitigation measures stipulated in the "Statement of Findings, Statement of Overriding Considerations, and Mitigation Monitoring Plan" document which is part of the AQMD Certified Subsequent Environmental Impact Report dated 08/30/2002 for this facility.

[CA PRC CEQA, 11-23-1970]

- F9.1 Except for open abrasive blasting operations, the operator shall not discharge into the atmosphere from any single source of emissions whatsoever any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:

(a) As dark or darker in shade as that designated No.1 on the Ringelmann Chart, as published by the United States Bureau of Mines; or

(b) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in subparagraph (a) of this condition.

[**RULE 401, 3-2-1984**; RULE 401, 11-9-2001]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

F10.1 Material(s) that contain the following compound(s) shall not be used in this facility;

Total Reduced Sulfur

H₂S

Hydrogen Fluoride

This condition shall not apply if the operator demonstrate to the satisfaction of the Executive Officer that the facility is in compliance with the operational air quality mitigation measures stipulated in the Reformulated Fuels Project EIR as follows:

- a. Implementation of an inspection and maintenance program for all odor sources.
- b. Installation and inspection of a deluge system in the alkylation unit. The deluge system shall be inspected quarterly and flow tested semi-annually.
- c. Installation and inspection of elevated monitors with water spray system covering all area of the alkylation unit. The system shall be inspected weekly and flow tested monthly.
- d. Conduct safety review for the GOH unit, revision and implementation of the Risk Management and Prevention Plan (RMPP) for hydrogen sulfide.
- e. Conduct safety review for the Sulfur Recovery Unit, revision and implementation for the RMPP for hydrogen sulfide.

[CA PRC CEQA, 11-23-1970]

F14.1 The operator shall not purchase any diesel fuel , for stationary source application as defined in Rule 431.2, containing sulfur compounds in excess of 15 ppm by weight as supplied by the supplier.

This condition shall become effective on or after June 1, 2004.

[RULE 431.2, 5-4-1990; RULE 431.2, 9-15-2000]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

F24.1 Accidental release prevention requirements of Section 112(r)(7):

- a). The operator shall comply with the accidental release prevention requirements pursuant to 40 CFR Part 68 and shall submit to the Executive Officer, as a part of an annual compliance certification, a statement that certifies compliance with all of the requirements of 40 CFR Part 68, including the registration and submission of a risk management plan (RMP).
- b). The operator shall submit any additional relevant information requested by the Executive Officer or designated agency.

[40CFR 68 - Accidental Release Prevention, 5-24-1996]

F25.1 The permit holder of this facility shall not install, alter, or operate a refinery process unit or other non-Rule 219 exempt equipment without a valid RECLAIM/Title V permit issued by the AQMD pursuant to Rule 201 - Permit to Construct, Rule 203 - Permit to Operate, Rule 2004 - Requirements, and Rule 3002 - Requirements, as applicable.

Notwithstanding the above, the provisions of Rules 201, 203, 2004, and 3002 shall not apply to installations or alterations that involve only the equipment listed in Table 1 below, nor shall they apply to the operation of equipment listed in Table 1, when directly associated with permitted process units or other permitted equipment.

Notwithstanding the above, all new equipment listed in Table 1, including associated fugitive components installed with such equipment, shall have Best Available Control Technology installed in conformance with the Best Available Control Technology Guidelines in effect at the time of the installation.

TABLE 1

- (a) Heat Exchanger (including air-cooler, reboiler, cooler, condenser, and shell and tube exchanger)
- (b) In-line Mixer
- (c) Pump
- (d) Knockout Pot - Compressor inlet (immediate inlet) and interstage
- (e) Knockout Pot - Fuel Gas System (downstream of fuel gas mix drums)

This condition applies only to the facility that processes petroleum as defined in the Standard Industrial Classification Manual as Industry No. 2911 - Petroleum Refining, as well as its directly associated sulfur recovery plant which may be located outside of the facility.

[RULE 2004, 5-11-2001; RULE 2004, 4-6-2007]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

F34.2 The operator shall not sell refinery gas containing sulfur compounds in excess of 40 ppmv, calculated as hydrogen sulfide, averaged over 4-hour period.

[RULE 431.1, 6-12-1998]

F52.1 This facility is subject to the applicable requirements of the following rules or regulation(s):

California Code of Regulations, Title 13, Division 3, Chapter 5
 40CFR79
 40CFR80

[40CFR 79, 7-1-1999; 40CFR 80, 7-1-1999; CCR Title 13, 9-24-1999]

F52.2 This facility is subject to the applicable requirements of the following rules or regulation(s):

40CFR63, Subpart GGGGG

[40CFR 63 Subpart GGGGG, 11-29-2006]

F60.1 The emission limits identified in Section D and H of the permit shall be defined as emissions discharged to the atmosphere originated from the equipment.

PROCESS CONDITIONS

P13.1 All devices under this process are subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|-------------|------------------|--------------|
| Benzene | 40CFR61, SUBPART | FF |

[40CFR 61 Subpart FF, 12-4-2003]

[Processes subject to this condition : 1, 2, 3, 4, 5, 7, 8, 9, 10, 11, 12, 14]

SYSTEM CONDITIONS

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

S1.1 The operator shall limit the throughput to no more than 650000 ton(s) in any one year.

The operator shall maintain records in a manner approved by the District to demonstrate compliance with this condition.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 2, System 7]

S2.1 The operator shall limit emissions from this system as follows

| CONTAMINANT | EMISSIONS LIMIT |
|-------------|--|
| ROG | Less than or equal to 37 LBS IN ANY ONE DAY |
| CO | Less than or equal to 53 LBS IN ANY ONE DAY |
| PM | Less than or equal to 113 LBS IN ANY ONE DAY |

For the purposes of this condition, the emission limit(s) are the combined emissions from Heaters 56-H-1 and 56-H-2 measured at the outlet of the common stack when both equipment are in operation.

The operator shall calculate the emission limit(s) using monthly fuel use data, and the following emission factors: ROG: 7.0 lbs/mmscf; CO: 17.5 lbs/mmscf; and PM: 21 lbs/mmscf.

In lieu of using the default emission factors whenever source test are required by this facility permit, the operator shall calculate the emissions using fuel usage during the calendar month as determined by a RECLAIM certified fuel meter and source test emission data. The source test emissions data will be converted to lb/mmscf, multiplied by the actual calendar month fuel usage, and divided by 30 to determine the daily mass emissions.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 4, System 8]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

- S4.1 The following condition(s) shall apply to all affected devices listed under Sections D and H of this system for fugitive emissions of volatile organic compounds (VOC):

All components are subject to District Rule 1173 and 40CFR60, Subpart GGG.

All new components in VOC service as defined in Rule 1173, except valves and flanges shall be inspected quarterly using EPA reference method 21. All new valves and flanges in VOC service except those specifically exempted by Rule 1173 shall be inspected monthly using EPA Method 21.

All new components in VOC service, a leak greater than 500 ppm but less than 1,000 ppm measured as methane above background as measured using EPA Method 21, shall be repaired within 14 days of detection. Components shall be defined as any valve, fitting, pump, compressor, pressure relief device, diaphragm, hatch, sight-glass, and meter, which are not exempted by Rule 1173.

All new valves greater than 2-inch size and major components in VOC service as defined by Rule 1173, except those specifically exempted by Rule 1173 shall be distinctly identified from other components through their tag numbers (e.g. numbers ending in the letter "N"), and shall be noted in the records

All new valves in VOC service except those specifically exempted by Rule 1173, shall be bellow-sealed valves for 2-inch and smaller sizes, except in the following applications: heavy liquid service, control valve, instrument piping/tubing, applications requiring torsional valve stem motion, applications where valve failure could pose safety hazard (e.g. drain valves with valve stems in horizontal position), and retrofits with space limitations.

If 98.0 percent or greater of the new valve and the new flange population inspected is found to leak gaseous or liquid volatile organic compounds at a rate less than 500 ppm for two consecutive months, then the operator shall revert to a quarterly inspection program with the approval of the executive officer.

The operator shall keep records of the monthly inspection (and quarterly where applicable), subsequent repair, and reinspection, in a manner approved by the District.

The operator shall provide to the District, no later than 60 days after initial startup, a plot plan or process instrumentation diagrams with a listing showing by functional grouping, location, type, accessibility, and application of each new valve in VOC service.

[RULE 1173, 5-13-1994; RULE 1173, 6-1-2007; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; 40CFR 60 Subpart GGG, 6-7-1985]

[Systems subject to this condition : Process 10, System 8]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

- S4.2 The following condition(s) shall apply to all affected devices listed under Sections D and H of this system for fugitive emissions of volatile organic compounds (VOC):

All new open-ended valves shall be equipped with cap, blind flange, plug, or a second valve.

All pressure relief valves shall be connected to closed vent system or equipped with rupture disc.

All new process drains shall be equipped with P-trap or seal pot.

All sampling connections shall be closed-purge, closed-loop, or closed-vent system.

All new connections for gas/vapor and light liquid service, including flanges and fittings, shall not emit fugitive VOC in excess of 500 ppmv, measured by USEPA Method 21.

[RULE 1173, 5-13-1994; RULE 1173, 6-1-2007; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Systems subject to this condition : Process 10, System 2 , 8]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

- S4.3 The following condition(s) shall apply to all affected devices listed under Sections D and H of this system for fugitive emissions of volatile organic compounds (VOC):

All components are subject to District Rule 1173.

All new components in VOC service as defined in Rule 1173, except valves and flanges shall be inspected quarterly using EPA reference method 21. All new valves and flanges in VOC service except those specifically exempted by Rule 1173 shall be inspected monthly using EPA Method 21.

All new components in VOC service, a leak greater than 500 ppm but less than 1,000 ppm measured as methane above background as measured using EPA Method 21, shall be repaired within 14 days of detection. Components shall be defined as any valve, fitting, pump, compressor, pressure relief device, diaphragm, hatch, sight-glass, and meter, which are not exempted by Rule 1173.

All new valves greater than 2-inch size and major components in VOC service as defined by Rule 1173, except those specifically exempted by Rule 1173 shall be distinctly identified from other components through their tag numbers (e.g. numbers ending in the letter "N"), and shall be noted in the records

All new valves in VOC service except those specifically exempted by Rule 1173, shall be bellow-sealed valves for 2-inch and smaller sizes, except in the following applications: heavy liquid service, control valve, instrument piping/tubing, applications requiring torsional valve stem motion, applications where valve failure could pose safety hazard (e.g. drain valves with valve stems in horizontal position), and retrofits with space limitations.

If 98.0 percent or greater of the new valve and the new flange population inspected is found to leak gaseous or liquid volatile organic compounds at a rate less than 500 ppm for two consecutive months, then the operator shall revert to a quarterly inspection program with the approval of the executive officer.

The operator shall keep records of the monthly inspection (and quarterly where applicable), subsequent repair, and reinspection, in a manner approved by the District.

The operator shall provide to the District, no later than 60 days after initial startup, a plot plan or process instrumentation diagrams with a listing showing by functional grouping, location, type, accessibility, and application of each new valve in VOC service.

[**RULE 1173, 5-13-1994**; **RULE 1173, 6-1-2007**; **RULE 1303(a)(1)-BACT, 5-10-1996**; **RULE 1303(a)(1)-BACT, 12-6-2002**]

[Systems subject to this condition : Process 8, System 3; Process 10, System 2; Process 13, System 1]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

- S4.4 The following condition(s) shall apply to all affected devices listed under Sections D and H of this system for fugitive emissions of volatile organic compounds (VOC):

All components are subject to the applicable requirements of District Rule 1173, 40CFR60, Subpart GGG, 40CFR60, Subpart QQQ, and to the requirements set forth in system condition S31.5.

The operator shall provide to the District, no later than 90 days after initial startup, a recalculation of the fugitive emissions based on actual components installed and removed from service. The operator shall also submit a process instrumentation diagram(s) with a listing of all non-leakless type valves categorized by tag no., size, type, service, operating conditions (temperature and pressure), body material, application, and reasons why leakless valves were not used.

[RULE 1173, 5-13-1994; RULE 1173, 6-1-2007; 40CFR 60 Subpart GGG, 6-7-1985; 40CFR 60 Subpart QQQ, 5-5-1989]

[Systems subject to this condition : Process 4, System 7; Process 7, System 1 , 3; Process 8, System 4; Process 14, System 5; Process 15, System 4]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

- S4.5 The following condition(s) shall apply to all affected devices listed under Sections D and H of this system for fugitive emissions of volatile organic compounds (VOC):

All components are subject to District Rule 1173 and 40CFR60, Subpart GGG.

All new components in VOC service as defined in Rule 1173, except valves and flanges shall be inspected quarterly using EPA reference method 21. All new valves and flanges in VOC service except those specifically exempted by Rule 1173 shall be inspected monthly using EPA Method 21.

All new components in VOC service, a leak greater than 500 ppm but less than 1,000 ppm measured as methane above background as measured using EPA Method 21, shall be repaired within 14 days of detection. Components shall be defined as any valve, fitting, pump, compressor, pressure relief device, diaphragm, hatch, sight-glass, and meter, which are not exempted by Rule 1173.

All new valves in VOC service except those specifically exempted by Rule 1173, shall be of leakless type except as approved by the District in the following applications: heavy liquid service, control valve, instrument piping/tubing, applications requiring torsional valve stem motion, applications where valve failure could pose safety hazard (e.g. drain valves with valve stems in horizontal position), and retrofits with space limitations, and valves not commercially available.

If 98.0 percent or greater of the new valve and the new flange population inspected is found to leak gaseous or liquid volatile organic compounds at a rate less than 500 ppm for two consecutive months, then the operator shall revert to a quarterly inspection program with the approval of the executive officer.

The operator shall keep records of the monthly inspection (and quarterly where applicable), subsequent repair, and reinspection, in a manner approved by the District.

The operator shall provide to the District, no later than 60 days after initial startup, a recalculation of the fugitive emissions based on actual components installed and removed from service. The operator shall also submit a process instrumentation diagram(s) with a listing of all non-leakless type valves categorized by tag no., size, type, service, operating conditions (temperature and pressure), body material, application, and reasons why leakless valves were not used.

[RULE 1173, 5-13-1994; RULE 1173, 6-1-2007; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; 40CFR 60 Subpart GGG, 6-7-1985]

[Systems subject to this condition : Process 11, System 38]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

- S4.6 The following condition(s) shall apply to all affected devices listed under Sections D and H of this system for fugitive emissions of volatile organic compounds (VOC):

All components are subject to District Rule 1173 and 40CFR60, Subpart GGG.

All new components in VOC service as defined in Rule 1173, except valves and flanges shall be inspected quarterly using EPA reference method 21. All new valves and flanges in VOC service except those specifically exempted by Rule 1173 shall be inspected monthly using EPA Method 21.

All new components in VOC service, a leak greater than 500 ppm but less than 1,000 ppm measured as methane above background as measured using EPA Method 21, shall be repaired within 14 days of detection. Components shall be defined as any valve, fitting, pump, compressor, pressure relief device, diaphragm, hatch, sight-glass, and meter, which are not exempted by Rule 1173.

All new valves greater than 2-inch size and major components in VOC service as defined by Rule 1173, except those specifically exempted by Rule 1173 shall be distinctly identified from other components through their tag numbers (e.g. numbers ending in the letter "N"), and shall be noted in the records

All new valves in VOC service except those specifically exempted by Rule 1173, shall be bellow-sealed valves for 2-inch and smaller size, except in the following applications: heavy liquid service, control valve, instrument piping/tubing, applications requiring torsional valve stem motion, applications where valve failure could pose safety hazard (e.g. drain valves with valve stems in horizontal position), and retrofits with space limitation.

If 98.0 percent or greater of the new valve and the new flange population inspected is found to leak gaseous or liquid volatile organic compounds at a rate less than 500 ppm for two consecutive months, then the operator shall revert to a quarterly inspection program with the approval of the executive officer.

The operator shall keep records of the monthly inspection (and quarterly where applicable), subsequent repair, and reinspection, in a manner approved by the District.

[RULE 1173, 5-13-1994; RULE 1173, 6-1-2007; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; 40CFR 60 Subpart GGG, 6-7-1985]

[Systems subject to this condition : Process 4, System 5; Process 10, System 1 , 10 , 11]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

- S4.7 The following condition(s) shall apply to all affected devices listed under Sections D and H of this system for fugitive emissions of volatile organic compounds (VOC):

All components are subject to District Rule 1173.

All new components in VOC service as defined in Rule 1173, except valves and flanges shall be inspected quarterly using EPA reference method 21. All new valves and flanges in VOC service except those specifically exempted by Rule 1173 shall be inspected monthly using EPA Method 21.

All new components in VOC service, a leak greater than 500 ppm but less than 1,000 ppm measured as methane above background as measured using EPA Method 21, shall be repaired within 14 days of detection. Components shall be defined as any valve, fitting, pump, compressor, pressure relief device, diaphragm, hatch, sight-glass, and meter, which are not exempted by Rule 1173.

All new valves greater than 2-inch size and major components in VOC service as defined by Rule 1173, except those specifically exempted by Rule 1173 shall be distinctly identified from other components through their tag numbers (e.g. numbers ending in the letter "N"), and shall be noted in the records

All new valves in VOC service except those specifically exempted by Rule 1173, shall be bellow-sealed valves for 2-inch and smaller sizes, except in the following applications: heavy liquid service, control valve, instrument piping/tubing, applications requiring torsional valve stem motion, applications where valve failure could pose safety hazard (e.g. drain valves with valve stems in horizontal position), and retrofits with space limitations.

If 98.0 percent or greater of the new valve and the new flange population inspected is found to leak gaseous or liquid volatile organic compounds at a rate less than 500 ppm for two consecutive months, then the operator shall revert to a quarterly inspection program with the approval of the executive officer.

The operator shall keep records of the monthly inspection (and quarterly where applicable), subsequent repair, and reinspection, in a manner approved by the District.

[RULE 1173, 5-13-1994; RULE 1173, 6-1-2007; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; 40CFR 60 Subpart GGG, 6-7-1985]

[Systems subject to this condition : Process 8, System 1 , 2]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

- S4.8 The following condition(s) shall apply to all affected devices listed under Sections D and H of this system for fugitive emissions of volatile organic compounds (VOC):

All components are subject to District Rule 1173.

All new components in VOC service as defined in Rule 1173, except valves and flanges shall be inspected quarterly using EPA reference Method 21. All new valves and flanges in VOC service except those specifically exempted by Rule 1173 shall be inspected monthly using EPA Method 21.

All new components in VOC service, a leak greater than 500 ppm but less than 1,000 ppm measured as methane above background as measured using EPA Method 21, shall be repaired within 14 days of detection. Components shall be defined as any valve, fitting, pump, compressor, pressure relief device, diaphragm, hatch, sight-glass, and meter, which are not exempted by Rule 1173.

All new valves in VOC service except those specifically exempted by Rule 1173, shall be of leakless type except as approved by the District in the following applications: heavy liquid service, control valve, instrument piping/tubing, applications requiring torsional valve stem motion, applications where valve failure could pose safety hazard (e.g. drain valves with valve stems in horizontal position), and retrofits with space limitations, and valves not commercially available.

If 98.0 percent or greater of the new valve and the new flange population inspected is found to leak gaseous or liquid volatile organic compounds at a rate less than 500 ppm for two consecutive months, then the operator shall revert to a quarterly inspection program with the approval of the executive officer.

The operator shall keep records of the monthly inspection (and quarterly where applicable), subsequent repair, and reinspection, in a manner approved by the District.

The operator shall provide to the District, no later than 60 days after initial startup, a recalculation of the fugitive emissions based on actual components installed and removed from service. The operator shall also submit a process instrumentation diagram(s) with a listing of all non-leakless type valves categorized by tag no., size, type, service, operating conditions (temperature and pressure), body material, application, and reasons why leakless valves were not used.

[**RULE 1173, 5-13-1994**; **RULE 1173, 6-1-2007**; **RULE 1303(a)(1)-BACT, 5-10-1996**; **RULE 1303(a)(1)-BACT, 12-6-2002**]

[Systems subject to this condition : Process 17, System 1]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

- S4.9 The following condition(s) shall apply to all affected devices listed under Section H of this system for fugitive emissions of volatile organic compounds (VOC):

All components are subject to District Rule 1173.

All new components in VOC service as defined in Rule 1173, except valves and flanges shall be inspected quarterly using EPA reference Method 21. All new valves and flanges in VOC service except those specifically exempted by Rule 1173 shall be inspected monthly using EPA Method 21.

All new components in VOC service, a leak greater than 500 ppm but less than 1,000 ppm measured as methane above background as measured using EPA Method 21, shall be repaired within 7 days of detection. Components shall be defined as any valve, fitting, pump, compressor, pressure relief device, diaphragm, hatch, sight-glass, and meter, which are not exempted by Rule 1173.

All new valves in VOC service except those specifically exempted by Rule 1173, shall be of leakless type except as approved by the District in the following applications: heavy liquid service, control valve, instrument piping/tubing, applications requiring torsional valve stem motion, applications where valve failure could pose safety hazard (e.g. drain valves with valve stems in horizontal position), retrofits with space limitations, and valves not commercially available.

If 98.0 percent or greater of the new valve and the new flange population inspected is found to leak gaseous or liquid volatile organic compounds at a rate less than 500 ppm for two consecutive months, then the operator shall revert to a quarterly inspection program with the approval of the executive officer.

The operator shall keep records of the monthly inspection (and quarterly where applicable), subsequent repair, and reinspection, in a manner approved by the District.

[RULE 1173, 5-13-1994; RULE 1173, 6-1-2007; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Systems subject to this condition : Process 4, System 1]

- S7.1 The following conditions shall apply to all refinery operation and related devices from this system:

All effluent wastewater and sour water from this unit shall be routed to a wastewater treatment system and a sour water treating system, respectively, each of these units and their associated control equipment shall be in full operation whenever this system is in operation.

[RULE 1176, 9-13-1996]

[Systems subject to this condition : Process 2, System 1 , 3]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

S13.1 All devices under this system are subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|-------------|---------------|--------------|
| PM | District Rule | 1158 |

[RULE 1158, 6-11-1999]

[Systems subject to this condition : Process 2, System 6 , 7]

S13.2 All devices under this system are subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|-------------|---------------|--------------|
| VOC | District Rule | 1123 |

[RULE 1123, 12-7-1990]

[Systems subject to this condition : Process 1, System 1 , 3 , 5; Process 2, System 1 , 3 , 5; Process 3, System 1; Process 4, System 1 , 3 , 5 , 7; Process 5, System 1; Process 7, System 1 , 3; Process 8, System 1 , 2 , 3 , 4 , 5; Process 9, System 1; Process 10, System 1 , 2 , 3 , 4 , 5 , 6 , 7 , 8 , 10 , 11 , 12; Process 11, System 1 , 2; Process 17, System 46 , 50 , 97]

S13.4 All devices under this system are subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|-------------|---------------|--------------|
| VOC | District Rule | 1149 |
| VOC | District Rule | 463 |

[RULE 104, 1-9-1976; RULE 1149, 7-14-1995; RULE 463, 5-6-2005]

[Systems subject to this condition : Process 14, System 5]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

S13.5 All devices under this system are subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|-------------|---------------|--------------|
| VOC | District Rule | 463 |
| VOC | District Rule | 1149 |
| VOC | District Rule | 1178 |

[RULE 1149, 7-14-1995; RULE 1178, 4-7-2006; RULE 463, 5-6-2005]

[Systems subject to this condition : Process 14, System 1 , 2 , 7]

S13.7 All devices under this system are subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|-------------|------------------|--------------|
| VOC | District Rule | 1176 |
| VOC | 40CFR60, SUBPART | QQQ |
| Benzene | 40CFR61, SUBPART | FF |

[RULE 1176, 9-13-1996; 40CFR 60 Subpart QQQ, 5-5-1989; 40CFR 61 Subpart FF, 12-4-2003]

[Systems subject to this condition : Process 13, System 1]

S13.8 All devices under this system are subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|-------------|------------------|--------------|
| SOX | 40CFR60, SUBPART | J |

[40CFR 60 Subpart J, 10-4-1991]

[Systems subject to this condition : Process 11, System 38 , 39]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

S13.9 All devices under this system are subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|----------------------|------------------|--------------|
| Total Reduced Sulfur | 40CFR60, SUBPART | J |
| H2S | 40CFR60, SUBPART | J |

Pursuant to 40CFR60.8(c), emissions in excess of the level of the applicable emission limit (40CFR60.104(a)(2)) during periods of startup, shutdown and malfunction shall not be considered a violation of the applicable emission limit (40CFR60.104(a)(2)) unless otherwise specified in the applicable standard.

The operator shall keep records to demonstrate compliance or exemption from this condition.

[40CFR 60 Subpart J, 10-4-1991]

[Systems subject to this condition : Process 11, System 1 , 2]

S13.10 All devices under this system are subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|----------------------|------------------|--------------|
| Total Reduced Sulfur | 40CFR63, SUBPART | UUU |

Pursuant to 40CFR63.7(e), emissions in excess the level of the relevant standard during periods of startup, shutdown, and malfunction shall not be considered a violation of the relevant standard unless otherwise specified in the relevant standard or a determination of noncompliance is made under Section 63.6(e).

The operator shall keep records to demonstrate compliance or exemption from this condition.

[40CFR 63 Subpart UUU, 4-20-2006]

[Systems subject to this condition : Process 11, System 1 , 2]

**FACILITY PERMIT TO OPERATE
 ULTRAMAR INC (NSR USE ONLY)**

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

S13.11 All devices under this system are subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|-------------|------------------|--------------|
| SOX | 40CFR60, SUBPART | J |

Pursuant to 40CFR60.8(c), emissions in excess of the level of the applicable emission limit (40CFR60.104(a)(1) and 40CFR60.104(a)(2)) during periods of startup, shutdown and malfunction shall not be considered a violation of the applicable emission limit (40CFR60.104(a)(1) and 40CFR60.104(a)(2)) unless otherwise specified in the applicable standard.

When this equipment is subject to both standards, 40CFR60.104(a)(1) and 40CFR60.104(a)(2), this equipment shall comply with 40CFR60.104(a)(1), the more stringent of the two limits, unless compliance can be determined independently for each requirement.

The operator shall keep records to demonstrate compliance or exemption from this condition.

[40CFR 60 Subpart J, 10-4-1991]

[Systems subject to this condition : Process 11, System 4]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

S13.12 All devices under this system are subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|-------------|---------------|--------------|
| VOC | District Rule | 463 |
| VOC | District Rule | 1149 |
| VOC | District Rule | 1178 |

For Rule 463 applicability, only subdivision (d) in the March 11, 1994 amendment, or equivalent requirements in the future amendments, shall apply to domed external floating roof tanks. This does not preclude any requirements specified in Rule 1178.

[RULE 1149, 7-14-1995; RULE 1178, 4-7-2006; RULE 463, 5-6-2005]

[Systems subject to this condition : Process 14, System 9]

S13.13 All devices under this system are subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|------------------------|------------------|--------------|
| VOC | 40CFR63, SUBPART | UUU |
| HCl 34.64 < <NH3 3,709 | 40CFR63, SUBPART | UUU |

Pursuant to 40 CFR63.7(e), emissions in excess level of the relevant standard during periods of startup, shutdown, and malfunction shall not be considered a violation of the relevant standard unless otherwise specified in the relevant standard or a determination of noncompliance is made under Section 63.6(e).

The operator shall keep records to demonstrate compliance or exemption from this condition.

[40CFR 63 Subpart UUU, 4-20-2006]

[Systems subject to this condition : Process 5, System 1]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

S15.2 The vent gases from all affected devices of this process/system shall be vented as follows:

All coker blowdown gases under normal operating conditions shall be directed to a vapor recovery system.

This process/system shall not be operated unless the vapor recovery system is in full use and has a valid permit to receive vent gases from this system.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 2, System 1]

S15.3 The vent gases from all affected devices of this process/system shall be vented as follows:

All sour gases under normal operating conditions shall be directed to the sour gas treating unit(s).

This process/system shall not be operated unless the sour gas treating unit(s) is in full use and has a valid permit to receive vent gases from this system.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 2, System 3 , 5; Process 4, System 1 , 3 , 5; Process 8, System 5]

S15.4 The vent gases from all affected devices of this process/system shall be vented as follows:

All acid gases under normal operating conditions shall be directed to the sulfur recovery unit(s).

This process/system shall not be operated unless the sulfur recovery unit(s) is in full use and has a valid permit to receive vent gases from this system.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 10, System 1 , 5 , 6 , 11 , 12; Process 17, System 46]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

S15.5 The vent gases from all affected devices of this process/system shall be vented as follows:

All vent gases under normal operating conditions shall be directed to the vapor recovery system(s).

This process/system shall not be operated unless the vapor recovery system(s) is in full use and has a valid permit to receive vent gases from this system.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 1, System 5; Process 2, System 1 , 3 , 5; Process 3, System 1; Process 4, System 1 , 3 , 5 , 7; Process 5, System 1; Process 7, System 1 , 3; Process 8, System 1 , 2 , 3 , 4 , 5; Process 9, System 1; Process 10, System 1 , 2 , 3 , 4 , 5 , 6 , 7 , 8 , 11 , 12; Process 13, System 1; Process 17, System 50 , 97]

S15.6 The vent gases from all affected devices of this process/system shall be vented as follows:

All emergency vent gases shall be directed to a blowdown flare system.

This process/system shall not be operated unless the blowdown flare system is in full use and has a valid permit to receive vent gases from this system.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 11, System 38 , 39; Process 17, System 1]

S15.8 The vent gases from all affected devices of this process/system shall be vented as follows:

All emergency vent gases shall be directed to a thermal oxidizer.

This process/system shall not be operated unless the thermal oxidizer is in full use and has a valid permit to receive vent gases from this system.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 11, System 6 , 7 , 38 , 39]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

S15.11 The vent gases from all affected devices of this process/system shall be vented as follows:

All vent gases under normal operating conditions shall be directed to the tail gas treating unit(s).

This process/system shall not be operated unless the tail gas treating unit(s) is in full use and has a valid permit to receive vent gases from this system.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 11, System 1 , 2]

S15.12 The vent gases from all affected devices of this process/system shall be vented as follows:

All emergency vent gases shall be directed to a blowdown vapor recovery system and/or blowdown flare system.

When the emergency vent gases are being directed to the blowdown vapor recovery system, this process/system shall not be operated unless the blowdown vapor recovery system is in full use and has a valid permit to receive vent gases from this system.

When the emergency vent gases are being directed to the blowdown flare system, this process/system shall not be operated unless the blowdown flare system is in full use and has a valid permit to receive vent gases from this system.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 1, System 1 , 3 , 5; Process 2, System 1 , 3 , 5; Process 3, System 1; Process 4, System 1 , 3 , 5 , 7; Process 5, System 1; Process 7, System 1 , 3; Process 8, System 1 , 2 , 3 , 4; Process 9, System 1; Process 10, System 1 , 2 , 3 , 4 , 5 , 6 , 7 , 8 , 10 , 11 , 12; Process 13, System 1; Process 14, System 5 , 6; Process 17, System 46 , 50 , 88 , 97]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

S15.13 The vent gases from all affected devices of this process/system shall be vented as follows:

All vent gases under normal operating conditions shall be directed to the front end of the sulfur recovery unit (SRU), Train 1 reaction furnace or Train 2 reaction furnace.

This process/system shall not be operated unless SRU Trains 1 or 2 are in full use and have a valid permit to receive vent gases from this system.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 11, System 6 , 7]

S18.1 All affected devices listed under this process/system shall be used only to receive, recover and/or dispose of vent gases routed from the system(s) or process(es) listed below, in addition to specific devices identified in the "connected to" column:

Wastewater Treatment System (Process: 13, System: 1)

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 17, System 11]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

- S18.2 All affected devices listed under this process/system shall be used only to receive, recover and/or dispose of vent gases routed from the system(s) or process(es) listed below, in addition to specific devices identified in the "connected to" column:

Blending Unit (Process: 9, System: 1)

Hydrotreating Units (Process: 4, System: 1, 3, 5 & 7)

Storage Tanks (Process: 14, System: 5 and 6)

Gas Production Units (Process: 8, System: 1, 2 & 3)

FCC Unit (Process: 3, System: 1)

Treating/Stripping Units (Process: 10, System: 1, 2, 3, 4, 5, 6, 7, and 8)

Delayed Coking Blowdown Unit (Process: 2, System: 5)

Oil/Water Separation Unit (Process: 13, System: 1)

Catalytic Reforming Unit (Process: 5, System: 1)

Air Pollution Control (Process: 17, System: 46, 50, 88, and 97)

Crude Distillation Units (Process: 1, System: 1, 3, and 5)

Delayed Coking Units (Process: 2, System: 1 and 3)

Alkylation and Isomerization Units (Process: 7, System: 1 and 3)

Fuel Gas Treating Unit (Process: 10, System: 13)

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 17, System 1]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

- S18.3 All affected devices listed under this process/system shall be used only to receive, recover and/or dispose of vent gases routed from the system(s) or process(es) listed below, in addition to specific devices identified in the "connected to" column:

Delayed Coking Units (Process: 2, System: 1 and 3)

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 8, System 5]

- S18.4 All affected devices listed under this process/system shall be used only to receive, recover and/or dispose of vent gases routed from the system(s) or process(es) listed below, in addition to specific devices identified in the "connected to" column:

Delayed Coking Units (Process: 2, System: 1 and 3)

Delayed Coking Blowdown Unit (Process: 2, System: 5)

Light Ends Vapor Recovery Units (Process: 8, System: 4 and 5)

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 10, System 12; Process 17, System 97]

- S18.5 All affected devices listed under this process/system shall be used only to receive, recover and/or dispose of vent gases routed from the system(s) or process(es) listed below, in addition to specific devices identified in the "connected to" column:

Hydrotreating Units (Process: 4, System: 1, 3, 5, and 7)

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 10, System 10]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

- S18.6 All affected devices listed under this process/system shall be used only to receive, recover and/or dispose of vent gases routed from the system(s) or process(es) listed below, in addition to specific devices identified in the "connected to" column:

Sour Water Stripping Units (Process: 10, System: 1, 5, and 6)

Amine Regeneration Unit (Process: 17, System: 46)

Amine Treating Units (Process: 10, System: 11 and 12)

Tail Gas Units (Process: 11, System: 38 and 39)

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 11, System 1 , 2]

- S18.7 All affected devices listed under this process/system shall be used only to receive, recover and/or dispose of vent gases routed from the system(s) or process(es) listed below, in addition to specific devices identified in the "connected to" column:

Tail Gas Units (Process: 11, System: 38 and 39)

Sulfur Vapor Collection System Serving Storage Tank, Pits and Loading Rack (Process: 11, System: 7)

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 11, System 4]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

S18.8 All affected devices listed under this process/system shall be used only to receive, recover and/or dispose of vent gases routed from the system(s) or process(es) listed below, in addition to specific devices identified in the "connected to" column:

Sulfur Recovery Units (Process: 11, System: 1, 2, 6, 38, and 39)

Blending Unit (Process: 9, System: 1)

Hydrotreating Units (Process: 4, System: 3, 5 & 7)

Storage Tanks (Process: 14, System: 1, 5, and 6)

Gas Production Units (Process: 8, System: 1, 2 & 3)

FCC Unit (Process: 3, System: 1)

Treating/Stripping Units (Process: 10, System: 1, 2, 3, 4, 5, 6, 7, and 8)

Delayed Coking Blowdown Unit (Process: 2, System: 5)

Oil/Water Separation Unit (Process: 13, System: 1)

Catalytic Reforming Unit (Process: 5, System: 1)

Air Pollution Control (Process: 17, System: 1, 46, 50, 88, and 97)

Crude Distillation Units (Process: 1, System: 1, 3, and 5)

Delayed Coking Units (Process: 2, System: 1 and 3)

Alkylation and Isomerization Units (Process: 7, System: 1 and 3)

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 17, System 3 , 13 , 14]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

- S18.9 All affected devices listed under this process/system shall be used only to receive, recover and/or dispose of vent gases routed from the system(s) or process(es) listed below, in addition to specific devices identified in the "connected to" column:

Pressurized Tanks, LPG (Process: 14, System: 3)

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 17, System 2]

- S18.10 All affected devices listed under this process/system shall be used only to receive, recover and/or dispose of vent gases routed from the system(s) or process(es) listed below, in addition to specific devices identified in the "connected to" column:

Sulfur Recovery Unit, Trains 1 & 2 (Process: 11, System: 1 and 2)

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 11, System 38 , 39]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

- S31.1 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 344827 and 452241:

All valves shall be leakless valves except in the following applications: valves in heavy liquid service, control valves, instrument piping/tubing valves, valves requiring torsional stem motion, situations where valve failure could pose safety hazard (e.g., drain valves with stems in horizontal position), retrofit/special application valves with space limitation, and valves not commercially available at the time of Permit to Construct issuance. The District shall approve all exceptions to this requirement.

All valves and new major components shall be physically identified in the field with special marking that distinguish the components from non-BACT components. Additionally, all new components shall be identified as BACT components in the records.

The leak rate from non leakless valves and other non-valve fugitive components shall not exceed 500 ppmv. A leak rate greater than 500 ppmv, but less than or equal to 1,000 ppmv, shall be repaired within 7 calendar days after detection of the leak.

All non leakless valves, except those specifically exempted by Rule 1173, shall be inspected monthly using EPA Method 21. The operator may begin quarterly inspections, upon District approval, after two consecutive monthly inspections in which only two percent or less of non-bellows seal valves are found to be leaking above 500 ppmv.

For the purpose of this condition, leakless valve shall be defined as any valve equipped with sealed bellow or equivalent as approved in writing by the District prior to installation.

For application number 452241, the operator shall provide the following information to the District no later than 60 days after initial startup:

(a) Process and instrumentation diagrams (or some other equivalent District-approved diagrams) that identify all valves. Along with the diagrams, the operator shall provide a listing of all valves categorized by location, type, size, accessibility and service; and

(b) A recalculation of fugitive emissions based on actual fugitive components installed and removed from service. All valves shall be categorized by size and service. The operator shall submit a listing of all non-bellows seal valves categorized by tag number, type, size, body material, service, operating temperature, operating pressure and reason(s) why bellows seal valves were not used.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 4, System 1]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

- S31.2 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 370041:

All valves shall be bellows sealed valves except in the following applications: valves in heavy liquid service, control valves, instrument piping/tubing valves, valves requiring torsional stem motion, situations where valve failure could pose safety hazard (e.g., drain valves with stems in horizontal position), retrofit/special application valves with space limitation, and valves not commercially available (e.g. valves larger than 8", valves larger than 2" that require special alloys or connectors, etc.). The District shall approve all exceptions to this requirement.

All valves and new major components shall be physically identified in the field with special marking that distinguish the components from non-BACT components. Additionally, all new components shall be identified as BACT components in the records.

The operator shall provide the following information to the District no later than 60 days after initial startup:

- (a) Process and instrumentation diagrams (or some other equivalent District-approved diagrams) that identify all valves. Along with the diagrams, the operator shall provide a listing of all valves categorized by location, type, size, accessibility and service; and,
- (b) A recalculation of fugitive emissions based on actual fugitive components installed and removed from service. All valves shall be categorized by size and service. The operator shall submit a listing of all non-bellows seal valves categorized by tag number, type, size, body material, service, operating temperature, operating pressure and reason(s) why bellows seal valves were not used.

All non-bellows seal valves, except those specifically exempted by Rule 1173, shall be inspected monthly using EPA Method 21. The operator may begin quarterly inspections, upon District approval, after two consecutive monthly inspections in which only two percent or less of non-bellows seal valves are found to be leaking above 500 ppmv.

The leak rate from non-bellows seal valves and other non-valve fugitive components shall not exceed 500 ppmv. A leak rate greater than 500 ppmv, but less than or equal to 1,000 ppmv, shall be repaired within 14 calendar days after detection of the leak.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 8, System 3]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

- S31.5 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 416627 (Unit 43), 416624 (Unit 56), 416622 (Unit 68), 416626 (Unit 69), 416633 (Unit 81-V-9) and 416628 (Unit 86-B-9003):

All open-ended valves shall be equipped with cap, blind flange, plug, or a second valve.

All pressure relief valves shall be connected to closed vent system or equipped with rupture disc.

All process drain shall be equipped with water seal, or a closed-vent system and control device complying with the requirements of 40CFR60 Subpart QQQ section 60.692-5.

All sampling connections shall be closed-purge, closed-loop, or closed-vent system.

All valves in VOC service shall be of leakless type, except those specifically exempted by Rule 1173 or approved by the District in the following applications: heavy liquid service, control valves, instrument piping/tubing, applications requiring torsional valve stem motion, applications where failures could pose safety hazards (e.g. drain valves with valve stems in horizontal position), retrofits with space limitations, and valves not commercially available at the time of Permit to Construct issuance.

For the purpose of this condition, leakless valve shall be defined as any valve equipped with sealed bellow or equivalent as approved in writing by the District prior to installation. Components shall be defined as any valve, flange, fitting, pump, compressor, pressure relief device, diaphragm, hatch, sight-glass, meter, and any instrumentation which are not exempted by Rule 1173.

All components in VOC service, except those specifically exempted by Rule 1173 and valves and flanges, shall be inspected quarterly using EPA reference method 21. All valves and flanges in VOC service except those specifically exempted by Rule 1173 shall be inspected monthly using EPA method 21.

All components in VOC service, a leak greater than 500 ppm but less than 1,000 ppm measured as methane above background using EPA Method 21, shall be repaired within 14 days of detection. A leak greater than 1,000 ppm shall be repaired according to Rule 1173.

If 98.0 percent or greater of the new valve and flange population inspected is found to leak gaseous or liquid VOC at a rate less than 500 ppm for two consecutive months, then the operator may revert to a quarterly inspection program with the approval of the Executive Officer.

The operator shall keep records of the monthly inspection (and quarterly where applicable), subsequent repair, and reinspection, in a manner approved by the District.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 4, System 7; Process 7, System 1 , 3; Process 8, System 4; Process 14, System 5; Process 15, System 4]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

- S31.6 The following BACT requirements shall apply to VOC service fugitive components associated with the devices that are covered by application number(s) 411695, 396054:

All valves in VOC service, except those specifically exempted by Rule 1173, shall be bellows seal valves, except as approved by the District, in the following applications: heavy liquid service, control valve, instrument piping/tubing, applications requiring torsional valve stem motion, applications where valve failure could pose safety hazard (e.g., drain valves with valve stems in horizontal position), retrofits/special applications with space limitations, and valves not commercially available.

The operator shall provide to the District, no later than 60 days after initial startup, a recalculation of the fugitive emissions based on actual components installed and removed from service. The new valves and new flanges shall be categorized by tag no., size, type, operating temperature, body material, application, and reasons why bellows seal valves were not used.

All new valves and major components in VOC service as defined by rule 1173, except those specifically exempted by Rule 1173 shall be distinctly identified from other components through their tag numbers (e.g., numbers ending in the letter "N"), and shall be noted in the records.

All new components in VOC service as defined in Rule 1173, except those specifically exempted by Rule 1173 and valves and flanges, shall be inspected quarterly using EPA reference Method 21. All new valves and flanges in VOC service, except those specifically exempted by Rule 1173, shall be inspected monthly using EPA Method 21.

If 98.0 percent or greater of the new (non-bellows seal) valves and the new flange population inspected is found to leak gaseous or liquid volatile organic compounds at a rate less than 500 ppmv for two consecutive months, then the operator may change to a quarterly inspection program with the approval of the District.

The operator shall revert from quarterly to monthly inspection program if less than 98.0 percent of the new (non-bellows seal) valves and the new flange population inspected is found to leak gaseous or liquid volatile organic compounds at a rate less than 500 ppmv.

All new components in VOC service with a leak greater than 500 ppmv but less than 1,000 ppmv, as methane, measured above background using EPA Method 21 shall be repaired within 14 days of detection. Components shall be defined as any valve, fitting, pump, compressor, pressure relief valve device, diaphragm, hatch, sight-glass, and meter, which are not exempted by Rule 1173.

The operator shall keep records of the monthly inspection (quarterly where applicable), subsequent repair, and reinspection, in a manner approved by the District. Records shall be kept and maintained for at least two years, and shall be made available to the Executive Officer or his authorized representative upon request.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 14, System 7]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

S42.1 The operator shall not operate the FCCU unless the operator complies with the requirements of the following rule by December 31, 2008:

| Contaminant | Rule | Rule Number/Subpart |
|---------------|---------------|---------------------|
| PM10 | District Rule | 1105.1 |
| Ammonia (NH3) | District Rule | 1105.1 |

If the operator fails to comply with any of the terms and conditions listed below, the operator shall be subject to the compliance deadlines as specified in Rule 1105.1(d)(1).

- a. Award all contracts to design the control technology selected for compliance with Rule 1105.1(d)(1) by September 15, 2006. Award all contracts to construct and install the control technology by July 1, 2007.
- b. Submit information necessary for the preparation of the California Environmental Quality Act (CEQA) documents for equipment installation and modification for Rule 1105.1(d)(1) compliance, by August 15, 2006.
- c. Submit complete applications for permits to construct the control technology selected for compliance with emission limits specified in Rule 1105.1(d)(1) by October 1, 2006. Upon receiving a letter from the AQMD deeming the applications completed by October 1, 2006, Ultramar will be considered in compliance with this requirement.
- d. Begin construction of the control technology permitted by AQMD for compliance with Rule 1105.1(d)(1) by October 1, 2007, or within 30 days of receiving all necessary permits, whichever is later.
- e. Complete demolition, site preparation and excavation no later than November 2, 2007.
- f. Have available on-site, all components needed for the complete assembly of the technology selected, which is electrostatic precipitation, by June 1, 2008.
- g. Start operation of the control equipment permitted to ensure compliance with Rule 1105.1(d)(1) by December 1, 2008.
- h. Comply with Rule 1105.1(d)(1) no later than December 31, 2008.

[RULE 1105.1, 11-7-2003]

[Systems subject to this condition : Process 3, System 1]

DEVICE CONDITIONS

**FACILITY PERMIT TO OPERATE
 ULTRAMAR INC (NSR USE ONLY)**

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

A. Emission Limits

A1.1 Compliance with the Emission limit(s) specified in the Emissions and Requirements column for this device shall be determined as follows:

| Emittant | Emission Limit Type | Averaging time (O2 Content) | Compliance Verification Method |
|----------|---------------------------|------------------------------|--------------------------------|
| CO | (5) - Command and Control | 15 minute (3 percent oxygen) | Source Test |
| CO | (4)- BACT | 1 hour (3 percent oxygen) | Source Test |
| NOx | (4)- BACT | 1 hour (3 percent oxygen) | Source Test, Certified CEMS |
| PM | (5) - Command and Control | 1 hour (3 percent oxygen) | Source Test |

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 2005, 5-6-2005; RULE 404, 2-7-1986; RULE 407, 4-2-1982; RULE 409, 8-7-1981]

[Devices subject to this condition : D430]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

A1.2 Compliance with the Emission limit(s) specified in the Emissions and Requirements column for this device shall be determined as follows:

| Emittant | Emission Limit Type | Averaging time (O2 Content) | Compliance Verification Method |
|----------|---------------------------|------------------------------|--------------------------------|
| CO | (5) - Command and Control | 15 minute (3 percent oxygen) | Source Test |
| CO | (4)- BACT | 1 hour (3 percent oxygen) | Certified CEMS |
| NOx | (4)- BACT | 1 hour (3 percent oxygen) | Source Test, Certified CEMS |
| PM | (5) - Command and Control | 1 hour (3 percent oxygen) | Source Test |

The NOx BACT identified above applies only to the 9 PPM limit.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 2005, 5-6-2005; RULE 404, 2-7-1986; RULE 407, 4-2-1982; RULE 409, 8-7-1981]

[Devices subject to this condition : D1550]

A1.3 Compliance with the Emission limit(s) specified in the Emissions and Requirements column for this device shall be determined as follows:

| Emittant | Emission Limit Type | Averaging time (O2 Content) | Compliance Verification Method |
|----------|---------------------|-----------------------------|--------------------------------|
| NH3 | (4)- BACT | 1 hour (3 percent oxygen) | Source Test |

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : C431, C1551]

**FACILITY PERMIT TO OPERATE
 ULTRAMAR INC (NSR USE ONLY)**

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

A63.3 The operator shall limit emissions from this equipment as follows:

| CONTAMINANT | EMISSIONS LIMIT |
|-------------|-------------------------------------|
| PM | Less than or equal to 2 LBS PER DAY |
| CO | Less than or equal to 1 LBS PER DAY |

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D932]

A63.4 The operator shall limit emissions from this equipment as follows:

| CONTAMINANT | EMISSIONS LIMIT |
|-------------|---------------------------------------|
| CO | Less than or equal to 955 LBS PER DAY |
| PM | Less than or equal to 562 LBS PER DAY |

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D36]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

A63.5 The operator shall limit emissions from this equipment as follows:

| CONTAMINANT | EMISSIONS LIMIT |
|-------------|--|
| CO | Less than or equal to 180 LBS IN ANY ONE DAY |
| PM10 | Less than or equal to 86 LBS IN ANY ONE DAY |
| ROG | Less than or equal to 15 LBS IN ANY ONE DAY |

For the purposes of this condition, the limit(s) shall be based on the total combined emissions from equipment device ID Nos. D74, D68, D69, D71, D934, D940, D941, D942, and D943.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D74]

A63.8 The operator shall limit emissions from this equipment as follows:

| CONTAMINANT | EMISSIONS LIMIT |
|-------------------|--|
| Visible emissions | Less than or equal to 30 Percent opacity |

[40CFR 60 Subpart J, 10-4-1991]

[Devices subject to this condition : D36]

A99.1 The 125 Lbs/hr NOX emission limit(s) shall only apply when the regenerator is using the oxygen injection system. This condition ensures that no increase in emissions occurs and that BACT is not triggered. Readings from the CEMS shall be used to demonstrate compliance.

[RULE 2005, 5-6-2005]

[Devices subject to this condition : D36]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

- A99.2 The 94.38 Lbs/hr SOX emission limit(s) shall only apply when the regenerator is using the oxygen injection system. This condition ensures that no increase in emissions occurs and that BACT is not triggered. Readings from the CEMS shall be used to demonstrate compliance.

[RULE 2005, 5-6-2005]

[Devices subject to this condition : D36]

- A99.3 The 25 PPM CO emission limit(s) shall not apply when the bridgewall temperature is below 1350 degrees F. The brigewall temperature is the flue gas temperature at the point between the radiant and convection heat transfer sections in the heater.

To comply with this condition, the operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature between the radiant and convective heat transfer sections in the process heater.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D430]

- A99.4 The 7 PPM NOX emission limit(s) shall not apply during any startup or during the commissioning period. The commissioning period shall not exceed 30 operating days from the date of initial startup. The operator shall provide the AQMD with written notification of initial startup.

For the purposes of this condition, startup shall be defined as the period when the exhaust temperature of this equipment is below 475 degrees F, which is the minimum ammonia injection temperature.

[RULE 2005, 5-6-2005]

[Devices subject to this condition : D430]

- A99.6 The 9 PPM NOX emission limit(s) shall not apply during any startup.

For the purposes of this condition, startup shall be defined as the period when the exhaust temperature of this equipment is below 475 degrees F, which is the minimum ammonia injection temperature.

[RULE 2005, 5-6-2005]

[Devices subject to this condition : D1550]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

- A99.7 The 0.035 lbs/MM Btu NOX emission limit(s) shall only apply during the interim reporting period to report RECLAIM emissions. The interim reporting period, which is defined as the period between the initial startup of the major NOx source and the provisional approval of the CEMS, shall not exceed 12 months from the initial startup date. The operator shall provide the AQMD with written notification of the initial startup date.

To comply with this condition, the operator shall install and maintain a(n) non-resettable totalizing fuel meter to accurately indicate the fuel usage of the combustion device.

The operator shall also install and maintain a device to continuously record the parameter being measured.

[RULE 2012, 5-6-2005]

[Devices subject to this condition : D1550]

- A99.8 The 16.9 LBS/MMSCF SOX emission limit(s) shall only apply during the interim reporting period to report RECLAIM emissions. The interim reporting period, which is defined as the period between the initial startup of the major SOx source and the provisional approval of the CEMS, shall not exceed 12 months from the initial startup date. The operator shall provide the AQMD with written notification of the initial startup date.

To comply with this condition, the operator shall install and maintain a(n) non-resettable totalizing fuel meter to accurately indicate the fuel usage of the combustion device.

The operator shall also install and maintain a device to continuously record the parameter being measured.

[RULE 2011, 5-6-2005]

[Devices subject to this condition : D1550]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

A195.1 The 7 PPMV (Monthly) NO_x emission limit(s) is averaged over a calendar month and is at dry condition, corrected to 3 percent oxygen.

This NO_x calendar monthly emission limit shall be calculated based on the measured NO_x emissions using a certified RECLAIM CEMS and the heat input during all boiler operating hours for the calendar month except during:

Any District required source test performed without ammonia;

Periods of the exhaust temperature entering the SCR catalyst is less than 475 degrees F, which is the minimum ammonia injection temperature);

RATA testing;

RECLAIM Missing Data period;

Calibration and maintenance periods;

Equipment breakdown periods as defined in Rule 2004; and

Periods of zero fuel flow.

The heat input weighted average NO_x concentration shall be calculated using this equation, or other equivalent equation: PPMV at 3 percent oxygen = (Et/Qt) x K, where:

PPMV at 3 percent oxygen = Concentration of NO_x in PPMV at 3 percent oxygen

Et = Total measured NO_x emissions during the averaging period (excluding exempt periods as noted above)

Qt = Total heat input during the averaging period (excluding exempt periods as noted above)

K = A conversion factor from lbs/MMBtu to PPM, which can be determined using EPA 40 CFR60 Method 19

A data acquisition system (DAS) shall be installed and maintained to record the parameters necessary to determine the calendar monthly NO_x concentration. In addition, the DAS shall calculate and display on demand the average monthly NO_x PPM.

Any corrections to the DAS data and calculation shall be completed within 72 hours after the end of the calendar month. The recorded parameters and the calculated average monthly NO_x PPM shall be kept for a period as stated in the Section E of this facility permit and shall be readily available to the District personnel upon request.

A violation of the 7 PPM NO_x limit shall be a violation of the emission limit for the entire averaging period.

[RULE 2005, 5-6-2005]

[Devices subject to this condition : D1550]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

A195.2 The 500 PPMV CO emission limit(s) is averaged over over a one-hour block and at 0% oxygen on a dry basis.

[CONSENT DECREE VALERO, 6-16-2005]

[Devices subject to this condition : D36]

A195.3 The 10 PPMV NH3 emission limit(s) is averaged over 60 consecutive minutes at 3 percent O2 dry.

[RULE 1105.1, 11-7-2003]

[Devices subject to this condition : C1615]

A229.2 The 10.5LBS/HR emission limit is calculated by the parameters measured and recorded in accordance with Rule 2012. The mass emission limit is solely for the purpose of ensuring that there is no net increase in emission of NOX that will trigger BACT requirement pursuant to Rule 2005(c)(1)(A).

[RULE 2005, 5-6-2005]

[Devices subject to this condition : D74]

A419.1 To ensure compliance with Rule 2005 (New Source Review), the combined total emissions from devices D429 (Naphtha Hydrotreater Charge Heater, 56-H-1) and D430 (Hot Oil Heater, 56-H-2) at the inlet of the SCR (C431) shall not exceed the following:

| Pollutant | Emission Limit |
|-----------|------------------|
| NOX | 6.9 LBS PER HOUR |

[RULE 2005, 5-6-2005]

[Devices subject to this condition : D430]

B. Material/Fuel Type Limits

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

B22.7 The operator shall not use this equipment with materials having a(n) true vapor pressure of 11 psia or greater under actual operating conditions.

[**RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D271]

B27.1 The operator shall not use in this equipment any materials containing any toxic air contaminants (TACs) identified in the SCAQMD Rule 1401, as amended 05/02/2003.

[RULE 1401, 3-4-2005]

[Devices subject to this condition : D1566, D1568]

B61.1 The operator shall only use fuel gas containing the following specified compounds:

| Compound | ppm by volume |
|------------------|---------------|
| Sulfur less than | 100 |

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D74, D430, D1550]

B61.2 The operator shall not use fuel gas containing the following specified compounds:

| Compound | ppm by volume |
|------------------|---------------|
| H2S greater than | 160 |

[**40CFR 60 Subpart J, 10-4-1991**]

[Devices subject to this condition : D74, D430, D1550]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

B61.4 The operator shall not use fresh feed containing the following specified compounds:

| Compound | Weight Percent |
|--------------|------------------|
| Total Sulfur | greater than 0.3 |

[40CFR 60 Subpart J, 10-4-1991]

[Devices subject to this condition : D36]

C. Throughput or Operating Parameter Limits

C1.8 The operator shall limit the throughput to no more than 15 MM barrels in any one calendar year.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D864, D868]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

C1.12 The operator shall limit the throughput to no more than 20.26 MM barrels in any one calendar year.

This limit shall be based on the total combined limit for equipment D268 (82-TK-1), D269 (82-TK-2), and D270 (82-TK-3).

The gasoline blending products stored in equipment D269 (82-TK-2) and D270 (82-TK-3) shall only consist of the following: isooctane, isooctene, FCC gasoline, alkylate, light straight run (LSR) naphtha, heavy cat naphtha, light cat naphtha, or raffinate.

The operator shall comply with the following throughput measurement practices.

The operator shall calculate the throughput, in barrels, by the following equation: $0.14 \times D \times D \times L$, where D is the diameter of the tank in feet based on the tank strapping chart and L is the total vertical one-way roof travel in feet per month.

The operator shall install and maintain an automatic tank level gauge (ATLG) and recorder to continuously record the vertical movement of the roof. For the purpose of this condition, continuous recording is defined as once per hour.

The operator shall calculate the total one-way roof movement, in feet, on a daily and monthly basis.

The ATLG installed shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than 1.0 inch or 0.8%, whichever is greater, the ATLG shall be repaired and put back into service within 10 days. While the ATLG is being repaired, the throughput shall be determined by the hourly tank level data averaged from the previous 30 days prior to the discovery of the discrepancy.

In the event of a failure or routine maintenance of the ATLG, the ATLG shall be repaired (if necessary) and put back into service within 10 days of the time that the ATLG failed or was removed from service for maintenance. While the ATLG is being repaired or maintained, the throughput shall be determined by the hourly tank level data averaged from the previous 30 days prior to time that the ATLG went out of service.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D268, D269]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

C1.16 The operator shall limit the fuel usage to no more than 214000 cubic feet per hour.

To comply with this condition, the operator shall install and maintain a(n) flow meter to accurately indicate the fuel usage being supplied to the heater in accordance with Rule 2012.

The operator shall also maintain a device to continuously record the parameters being measured and the fuel gas usage in an hourly basis.

The purpose(s) of this condition is to ensure that the maximum increase in emissions will not exceed the emission offset provided for this heater for CO, PM10, and ROG pursuant to Rule 1303(b)(3).

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D74]

C1.18 The operator shall limit the number of turnovers to no more than 73 in any one year.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D271]

C1.25 The operator shall limit the number of turnovers to no more than 126 in any one year.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D1129]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

C1.29 The operator shall limit the throughput to no more than 1.86 MM barrels in any one calendar year.

For the purpose of this condition, throughput shall be defined as throughput of MTBE.

The operator shall comply with the following throughput measurement practices.

The operator shall calculate the throughput, in barrels, by the following equation: $0.14 \times D \times D \times L$, where D is the diameter of the tank in feet based on the tank strapping chart and L is the total vertical one-way roof travel in feet per month.

The operator shall install and maintain an automatic tank level gauge (ATLG) and recorder to continuously record the vertical movement of the roof. For the purpose of this condition, continuous recording is defined as once per hour.

The operator shall calculate the total one-way roof movement, in feet, on a daily and monthly basis.

The ATLG installed shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than 1.0 inch or 0.8%, whichever is greater, the ATLG shall be repaired and put back into service within 10 days. While the ATLG is being repaired, the throughput shall be determined by the hourly tank level data averaged from the previous 30 days prior to the discovery of the discrepancy.

In the event of a failure or routine maintenance of the ATLG, the ATLG shall be repaired (if necessary) and put back into service within 10 days of the time that the ATLG failed or was removed from service for maintenance. While the ATLG is being repaired or maintained, the throughput shall be determined by the hourly tank level data averaged from the previous 30 days prior to time that the ATLG went out of service.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D448]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

C1.30 The operator shall limit the throughput to no more than 9.855 MM barrels in any one calendar year.

For the purpose of this condition, throughput shall be defined as the combined throughput of gasoline, alkylate and raffinate.

The operator shall comply with the following throughput measurement practices.

The operator shall calculate the throughput, in barrels, by the following equation: $0.14 \times D \times D \times L$, where D is the diameter of the tank in feet based on the tank strapping chart and L is the total vertical one-way roof travel in feet per month.

The operator shall install and maintain an automatic tank level gauge (ATLG) and recorder to continuously record the vertical movement of the roof. For the purpose of this condition, continuous recording is defined as once per hour.

The operator shall calculate the total one-way roof movement, in feet, on a daily and monthly basis.

The ATLG installed shall be verified once per quarter by comparing against a manual tank level measurement. If the ATLG differs from the manual tank level measurement by more than 1.0 inch or 0.8%, whichever is greater, the ATLG shall be repaired and put back into service within 10 days. While the ATLG is being repaired, the throughput shall be determined by the hourly tank level data averaged from the previous 30 days prior to the discovery of the discrepancy.

In the event of a failure or routine maintenance of the ATLG, the ATLG shall be repaired (if necessary) and put back into service within 10 days of the time that the ATLG failed or was removed from service for maintenance. While the ATLG is being repaired or maintained, the throughput shall be determined by the hourly tank level data averaged from the previous 30 days prior to time that the ATLG went out of service.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D448]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

C1.35 The operator shall limit the throughput to no more than 10000 barrel(s) in any one day.

For the purpose of this condition, throughput shall be defined as amount of field butane processed in this equipment.

To comply with this condition, the operator shall install and maintain a(n) flow meter to accurately indicate the flow rate of the field butane processed in this equipment.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D1525]

C1.36 The operator shall limit the gasoline dispensed to no more than 40000 gallon(s) in any one calendar month.

This limit applies to all gasoline dispensing storage tanks at this facility.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D990]

C1.37 The operator shall limit the gasoline dispensed to no more than 480000 gallon(s) per year.

This limit applies to all gasoline dispensing storage tanks at this facility.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D990]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

- C8.1 The operator shall use this equipment in such a manner that the percent excess air being monitored, as indicated below, is not less than 3 percent.

The operator shall use the RECLAIM NO_x CEMS to verify the percent oxygen content limit of this condition.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : C1260]

- C8.2 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, is not less than 1200 Deg F.

The operator shall also install and maintain a device to continuously record the parameter being measured.

To comply with this condition, the operator shall install and maintain a(n) temperature reading device to accurately indicate the temperature in the firebox or in the ductwork immediately downstream from the firebox.

The measuring device or gauge shall be accurate to within plus or minus 50 degrees F. It shall be calibrated once every 12 months.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 407, 4-2-1982; RULE 468, 10-8-1976]

[Devices subject to this condition : C1260]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

- C12.1 The operator shall use this equipment in such a manner that the ESP daily average voltage and secondary current (or total power input) being monitored as indicated below are greater than or equal to the average value in the most recent source test which demonstrated compliance with the emission limits.

The operator shall install and maintain a continuous monitoring and recording system to accurately measure and record the:

1. current
2. voltage

at each ESP field. In addition, the operator shall keep records, in a manner approved by the District, for each of these parameters.

If the daily average ESP total power input falls below the level measured in the most recent source test which demonstrated compliance with the emission limit, a source test shall be performed within 90 days at the new minimum daily average ESP total power level. The source test shall be performed according to the requirements specified in Permit Condition D29.12.

This condition shall become effective when the initial Title V permit is issued to the facility.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984; RULE 404, 2-7-1986; RULE 405, 2-7-1986; 40CFR 60 Subpart J, 10-4-1991]

[Devices subject to this condition : C1615]

D. Monitoring/Testing Requirements

- D12.4 The operator shall install and maintain a(n) continuous monitoring system to accurately indicate the hydrogen concentration in the tail gas discharged from the hydrogenation reactors.

The operator shall also install and maintain a device to continuously record the parameter being measured.

The continuous monitoring system shall include visual and audio alarms.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D674, D675]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

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The operator shall comply with the terms and conditions set forth below:

- D12.7 The operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature at the inlet of the SCR bed.

The operator shall also install and maintain a device to continuously record the parameter being measured.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : C431]

- D12.10 The operator shall install and maintain a(n) differential pressure gauge to accurately indicate the differential pressure across the filter.

The operator shall record and keep records of the differential pressure readings during loading.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984; RULE 401, 11-9-2001; RULE 404, 2-7-1986; RULE 405, 2-7-1986]

[Devices subject to this condition : C1567, C1569]

- D28.4 The operator shall conduct source test(s) in accordance with the following specifications:

The test shall be conducted to determine the NH₃ emissions at the outlet.

The test shall be conducted at least annually.

The test shall be conducted when the combustion equipment vented to the SCR is operating at 80 percent or greater of its maximum design heat rating, or within a capacity approved by the District, with ammonia injection.

The District shall be notified of the date and time of the test at least 10 days prior to the test.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : C431, C1551]

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 ULTRAMAR INC (NSR USE ONLY)**

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The operator shall comply with the terms and conditions set forth below:

D29.2 The operator shall conduct source test(s) for the pollutant(s) identified below.

| Pollutant(s) to be tested | Required Test Method(s) | Averaging Time | Test Location |
|---------------------------|--------------------------|----------------------------------|---------------|
| PM emissions | Approved District method | District-approved averaging time | Outlet |

The test(s) shall be conducted at least annually.

The test shall be conducted when the equipment is operating under normal conditions.

Source test results shall be submitted to the District no later than 60 days after the source test was conducted

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D36]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

D29.7 The operator shall conduct source test(s) for the pollutant(s) identified below.

| Pollutant(s) to be tested | Required Test Method(s) | Averaging Time | Test Location |
|---------------------------|--------------------------|----------------------------------|---------------|
| VOC | Approved District method | District-approved averaging time | Stack |
| PM emissions | Approved District method | District-approved averaging time | Stack |

The test(s) shall be conducted only when FCCU feed rate is at least 80% of maximum during normal operation and actual FCCU feed rate during oxygen injection.

The three total tests shall occur as follows.

- a) One test shall occur during normal operation before oxygen injection is used. This test shall occur no later than 180 days after installation of the oxygen injection system, and
- b) One test shall occur during oxygen injection, and
- c) One test shall occur during normal operation after the oxygen injection system event has occurred. This test shall occur no later than 60 days after returning the regenerator to normal operations.

The test shall also be conducted to determine oxygen levels in the exhaust. During the test, the operator shall measure and record FCCU feed rate, catalyst recirculation rate, coke burn-off rate, flue gas flow rate, flue gas moisture content, the flue gas temperature at the outlet of the ESP, regenerator combustion temperature, FCCU feed pre-heat temperature, opacity readings from the opacity meter, blower airflow rate and the average current, voltage, and spark rate at each ESP fields.

The operator shall monitor and record NO_x, SO_x and CO emission taken from CEMS. Also, the operator shall monitor and record the oxygen injection rate during oxygen injection.

The test shall be conducted in accordance with a District approved source test protocol. The protocol shall be submitted to the District engineer no later than 45 days before the proposed test date and shall be approved by the District before the test commences. The test protocol shall included the proposed operating conditions, the identity of the testing lab, a statement from the testing lab certifying that it meets the criteria of Rule 304 and a description of all sampling and analytical procedures.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 2005, 5-6-2005; RULE 401, 3-2-1984; RULE 401, 11-9-2001; RULE 404, 2-7-1986; RULE 405, 2-7-1986]

[Devices subject to this condition : D36]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

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The operator shall comply with the terms and conditions set forth below:

D29.8 The operator shall conduct source test(s) for the pollutant(s) identified below.

| Pollutant(s) to be tested | Required Test Method(s) | Averaging Time | Test Location |
|---------------------------|--|----------------------------------|-------------------------|
| CO emissions | District method 100.1 | 1 hour | Outlet of the SCR |
| NOX emissions | Approved District method | 1 hour | Inlet and outlet of SCR |
| PM emissions | Approved District method | District-approved averaging time | Outlet of the SCR |
| NH3 emissions | District method 207.1 and 5.3 or EPA method 17 | 1 hour | Outlet of the SCR |

The test shall be conducted within 60 days after achieving maximum production rate, but no later than 180 days after the construction/modification is completed.

The test shall be conducted when this equipment is operating at 80 percent or greater of its maximum design heat rating, or within a capacity approved by the District, with ammonia injection.

During the source test(s), the facility permit holder shall also measure the oxygen levels in the exhaust, flue flow rate (CFH), the flue gas rate, and flue gas temperature.

The NOx tests will be conducted with both Heaters 56-H-1 and 56-H-2 operating simultaneously.

In addition to the source test requirements of Section E of this facility permit, the facility permit holder shall submit the protocol to the AQMD engineer no later than 45 days prior to the proposed test date, and notify the District of the date and time of the test at least 10 days prior to the test.

The operator shall also provide to the District a source test report containing, at a minimum, the following information:

| Required Data | Reported As |
|------------------------|---|
| Emissions data | Concentration (ppmv) corrected to 3 percent oxygen (dry basis), mass rate (lbs/hr), and lbs/MM Cubic Feet |
| Moisture concentration | Grains per DSCF |
| Exhaust flow rate | Dry standard cubic feet per minute (DSCFM) and dry actual cubic feet per minute (DACFM) |
| Flue gas temperature | |

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The operator shall comply with the terms and conditions set forth below:

Moisture concentration
Fuel flow rate (CFH)

Degrees F
Percent oxygen
cubic feet per hour (cfh)

Notwithstanding the requirements of Section E conditions, the source test results shall be submitted to the District no later than 60 days after the source test was conducted.

The test shall be conducted to demonstrate compliance with Rules 1303(a)(1)-BACT, 2005, 404, 407, and 409.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 2005, 5-6-2005; RULE 404, 2-7-1986; RULE 407, 4-2-1982; RULE 409, 8-7-1981]

[Devices subject to this condition : D430]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

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The operator shall comply with the terms and conditions set forth below:

D29.9 The operator shall conduct source test(s) for the pollutant(s) identified below.

| Pollutant(s) to be tested | Required Test Method(s) | Averaging Time | Test Location |
|---------------------------|--|----------------------------------|-------------------|
| CO emissions | District method 100.1 | 1 hour | Outlet of the SCR |
| PM emissions | Approved District method | District-approved averaging time | Outlet of the SCR |
| NOX emissions | Approved District method | 1 hour | Outlet of the SCR |
| NH3 emissions | District method 207.1 and 5.3 or EPA method 17 | 1 hour | Outlet of the SCR |

The test shall be conducted within 60 days after achieving maximum production rate, but no later than 180 days after the construction/modification is completed.

The test shall be conducted when this equipment is operating at 80 percent or greater of its maximum design heat rating, or within a capacity approved by the District, with ammonia injection.

During the source test(s), the facility permit holder shall also measure the oxygen levels in the exhaust, flue flow rate (CFH), the flue gas rate, and flue gas temperature.

In addition to the source test requirements of Section E of this facility permit, the facility permit holder shall submit the protocol to the AQMD engineer no later than 45 days prior to the proposed test date, and notify the District of the date and time of the test at least 10 days prior to the test.

The operator shall also provide to the District a source test report containing, at a minimum, the following information:

| Required Data | Reported As |
|------------------------|---|
| Emissions data | Concentration (ppmv) corrected to 3 percent oxygen (dry basis), mass rate (lbs/hr), and lbs/MM Cubic Feet |
| Moisture concentration | Grains per DSCF |
| Exhaust flow rate | Dry standard cubic feet per minute (DSCFM) and dry actual cubic feet per minute (DACFM) |
| Flue gas temperature | Degrees F |
| Moisture concentration | Percent oxygen |
| Fuel flow rate (CFH) | |

**FACILITY PERMIT TO OPERATE
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The operator shall comply with the terms and conditions set forth below:

cubic feet per hour (cfh)

Notwithstanding the requirements of Section E conditions, the source test results shall be submitted to the District no later than 60 days after the source test was conducted.

The test shall be conducted to demonstrate compliance with Rules 1303(a)(1)-BACT, 2005, 404, 407, and 409.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 2005, 5-6-2005; RULE 404, 2-7-1986; RULE 407, 4-2-1982; RULE 409, 8-7-1981]

[Devices subject to this condition : D1550]

D29.10 The operator shall conduct source test(s) for the pollutant(s) identified below.

| Pollutant(s) to be tested | Required Test Method(s) | Averaging Time | Test Location |
|---------------------------|--------------------------|----------------------------------|-------------------|
| PM emissions | Approved District method | District-approved averaging time | Outlet of the SCR |
| CO emissions | Approved District method | District-approved averaging time | Outlet of the SCR |

The test(s) shall be conducted at least once every three years.

The test shall be conducted when the combustion devices being vented to the SCR are operating under normal operating conditions.

The test shall be conducted to demonstrate compliance with Rules 404, 407 and 409.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 404, 2-7-1986; RULE 407, 4-2-1982; RULE 409, 8-7-1981]

[Devices subject to this condition : D1550]

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The operator shall comply with the terms and conditions set forth below:

D29.11 The operator shall conduct source test(s) for the pollutant(s) identified below.

| Pollutant(s) to be tested | Required Test Method(s) | Averaging Time | Test Location |
|---------------------------|--------------------------|----------------------------------|---------------|
| PM emissions | Approved District method | District-approved averaging time | Outlet |

The test(s) shall be conducted at least once every three years.

[RULE 404, 2-7-1986]

[Devices subject to this condition : C1260]

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The operator shall comply with the terms and conditions set forth below:

D29.12 The operator shall conduct source test(s) for the pollutant(s) identified below.

| Pollutant(s) to be tested | Required Test Method(s) | Averaging Time | Test Location |
|---------------------------|--------------------------|----------------------------------|---------------|
| PM emissions | Approved District method | District-approved averaging time | Outlet |

The test(s) shall be conducted at least annually.

The test shall be conducted when the equipment is operating under normal conditions.

Source test results shall be submitted to the District no later than 60 days after the source test was conducted.

Source test results shall include the following parameters: FCCU feed rate; catalyst recirculation rate; coke burn rate; oxygen content of exhaust gases; exhaust flow rate; exhaust gas moisture content; the flue gas temperature at the outlet of the ESP; and the average current, voltage, and spark rate at each ESP fields.

This condition shall become effective when the initial Title V permit is issued to the facility.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984; RULE 404, 2-7-1986; RULE 405, 2-7-1986; 40CFR 60 Subpart J, 10-4-1991]

[Devices subject to this condition : D36]

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The operator shall comply with the terms and conditions set forth below:

D29.13 The operator shall conduct source test(s) for the pollutant(s) identified below.

| Pollutant(s) to be tested | Required Test Method(s) | Averaging Time | Test Location |
|---------------------------|--|----------------------------------|---------------|
| PM10 emissions | District Method 5.2 Modified with EPA Method 201A Cyclone (filterables compliance, condensables information) | District-approved averaging time | Outlet |
| PM10 emissions | District Method 5.2 (filterables compliance, condensables information) | District-approved averaging time | Outlet |
| PM10 emissions | District Method 5.2 with Previously Determined PM10 to PM Ratio Applied (filterables compliance, condensables information) | District-approved averaging time | Outlet |
| PM10 emissions | EPA Method 5 (filterables compliance) and EPA Method 202 (condensables information) | District-approved averaging time | Outlet |
| NH3 emissions | District method 207.1 | 1 hour | Outlet |
| CO emissions | District Method 100.1 or 10.1 | 1 hour | Outlet |

The operator shall choose any of the PM10 test methods as indicated above to comply with Rule 1105.1 requirements.

For the purposes of this condition, filterable PM10 is PM10 collected on the cyclone exit, probe, and filter(s) of the applicable test methods referenced above. Condensable PM10 is the PM10 collected in the impingers of the applicable test methods referenced above.

The test shall be conducted after the AQMD approval of the source test protocol, but no later than 180 days after initial startup of the new ESP. The AQMD engineer shall be notified in writing of the date and time of the test at least 10 days prior to the test.

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

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The operator shall comply with the terms and conditions set forth below:

The test shall be conducted at a minimum with the following modes of operation:

1. ESPs 61-PR-1A and 61-PR-1B in full operation with 4 T/Rs operating and ESP 61-PR-2 with 2 T/Rs operating.
2. ESP 61-PR-2 with 6 T/Rs operating and ESPs 61-PR-1A and 61-PR-1B in idle mode.
3. ESPs 61-PR-1A and 61-PR-1B in operation with 2 T/Rs operating [i.e. one T/R each] and ESP 61-PR-2 with 4 T/Rs operating.

Ultramar may propose additional modes of ESP operation to be tested in the test protocol.

The test shall be conducted when the FCCU is operating with at least 80 percent of the total feed rate.

The test shall be conducted at least every year with the above three operating modes after the initial source test.

Source test results shall include the following: FCCU feed rate in barrels per day (BPD); catalyst recirculation rate in tons per minute; catalyst make-up rate in tons per day; catalyst inventory in the equipment; fresh catalyst feed; sulfur content (%) in the feed; coke burn-off rate; O₂ content of exhaust gases; exhaust flow rate; exhaust gas moisture content; the flue gas temperature at the outlet of the ESP; and the average current in amps, voltage in volts, and spark rate of each ESP in use.

In addition, the source test results shall include the ammonia injection rate prior to the ESP (if applicable).

[RULE 1105.1, 11-7-2003; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 404, 2-7-1986; RULE 405, 2-7-1986; RULE 407, 4-2-1982]

[Devices subject to this condition : D36]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

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The operator shall comply with the terms and conditions set forth below:

D82.2 The operator shall install and maintain a CEMS to measure the following parameters:

Concentrations shall be corrected to zero percent excess air on a dry basis.

Hydrogen Sulfide concentration in ppmv

Reduced Sulfur Compounds (as SO₂) concentration in ppmv

The CEMS shall be installed to measure and record continuously the concentrations at the outlet of the tail gas scrubber to show compliance with the requirements of BACT, AQMD Rule 468(b), and 40CFR60 Subpart J. The CEMS shall be approved, operated and maintained in accordance with the requirements of Rule 218 and 40CFR60 Subpart J as appropriate.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 468, 10-8-1976; 40CFR 60 Subpart J, 10-4-1991]

[Devices subject to this condition : D142, D148]

D82.3 The operator shall install and maintain a CEMS to measure the following parameters:

CO concentration in ppmv

Oxygen concentration in percent volume

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D36]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

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The operator shall comply with the terms and conditions set forth below:

D82.5 The operator shall install and maintain a CEMS to measure the following parameters:

CO concentration in ppmv

Concentrations shall be corrected to 3 percent oxygen on a dry basis.

The CEMS shall be installed and operated in accordance with an approved AQMD Rule 218 CEMS plan application.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D1550]

D90.3 The operator shall continuously monitor the H2S concentration in the fuel gas before being burned in this device according to the following specifications:

The operator shall use an NSPS Subpart J approved instrument meeting the requirements of 40CFR60 Subpart J to monitor the parameter.

The operator shall also install and maintain a device to continuously record the parameter being monitored.

The operator may monitor the H2S concentration at a single location for fuel combustion devices, if monitoring at this location accurately represents the concentration of H2S in the fuel gas being burned in this device.

[40CFR 60 Subpart J, 10-4-1991]

[Devices subject to this condition : D74, D430, D1550]

D90.4 The operator shall monitor the opacity at the stack according to the following specifications:

The operator shall maintain and operate the opacity meter and record the readings as required pursuant to 40CFR60, Subpart J at all times except during periods of required maintenance and malfunction of the opacity meter.

[40CFR 60 Subpart J, 10-4-1991]

[Devices subject to this condition : D36]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

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The operator shall comply with the terms and conditions set forth below:

- D90.6 The operator shall continuously monitor the flow rate in dscfm of the flue gas at the outlet of the ESP according to the following specifications:

The operator shall monitor once every 15 minutes.

The operator shall automatically record electronically the above parameters at least one measurement every hour. These records shall be maintained for at least five years and made available to AQMD personnel upon request.

The continuous monitor shall be operated whenever the ESP is operating.

Monitoring and recording of this parameter shall be not required during periods of routine maintenance or malfunction of the monitoring and recording devices.

The flow rate monitor shall have a minimum range of 65,000 to 110,000 dscfm and be accurate to within plus or minus 5 percent and shall be calibrated at least once every 12 months during the RECLAIM RATAs.

[RULE 1105.1, 11-7-2003]

[Devices subject to this condition : C1615]

- D90.7 The operator shall continuously monitor the voltage in volts across the ESP transformer/rectifier (T/R) sets according to the following specifications:

The operator shall monitor once every 15 minutes.

The operator shall automatically record electronically the above parameters at least one measurement every hour. These records shall be maintained for at least five years and made available to AQMD personnel upon request.

The continuous monitor shall be operated whenever the ESP is operating.

Monitoring and recording of this parameter shall be not required during periods of routine maintenance or malfunction of the monitoring and recording devices.

The voltage monitor shall have a minimum range of 400 to 480 Volts and be accurate to within plus or minus 5 percent and shall be calibrated at every FCCU turnaround or when the unit is shutdown.

[RULE 1105.1, 11-7-2003]

[Devices subject to this condition : C1615]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

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The operator shall comply with the terms and conditions set forth below:

- D90.8 The operator shall continuously monitor the current in amperes across the ESP transformer/rectifier (T/R) sets according to the following specifications:

The operator shall monitor once every 15 minutes.

The operator shall automatically record electronically the above parameters at least one measurement every hour. These records shall be maintained for at least five years and made available to AQMD personnel upon request.

The continuous monitor shall be operated whenever the ESP is operating.

Monitoring and recording of this parameter shall be not required during periods of routine maintenance or malfunction of the monitoring and recording devices.

The current monitor shall have a minimum range of 360 to 1100 amps and be accurate to within plus or minus 5 percent and shall be calibrated at every FCCU turnaround or when the unit is shutdown.

[RULE 1105.1, 11-7-2003]

[Devices subject to this condition : C1615]

- D90.9 The operator shall continuously monitor the NH₃ injection rate in gallons per hour (gph) at the ESP inlet according to the following specifications:

The operator shall monitor once every 15 minutes.

The operator shall automatically record electronically the above parameters at least one measurement every hour. These records shall be maintained for at least five years and made available to AQMD personnel upon request.

The continuous monitor shall be operated whenever the ESP is operating.

Monitoring and recording of this parameter shall be not required during periods of routine maintenance or malfunction of the monitoring and recording devices.

The ammonia injection monitor shall have a minimum range of 0 to 10 gallons per hour and be accurate to within plus or minus 5 percent and shall be calibrated at least once every 12 months.

[RULE 1105.1, 11-7-2003]

[Devices subject to this condition : C1615]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

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The operator shall comply with the terms and conditions set forth below:

D182.2 The operator shall test this equipment in accordance with the following specifications:

The test shall be conducted to determine the emissions of CO, VOC, PM, PM10, and H2S at the outlet, using methods approved by the District.

The test shall be conducted no later than 180 days after startup.

The District shall be notified of the date and time of the test at least 10 days prior to the test.

The test result shall be submitted to the District no later than 60 days after the test.

The operator shall submit a test protocol to the District at least 90 days prior to the testing.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : C1260]

D182.3 The operator shall test this equipment in accordance with the following specifications:

The test shall determine and report the mass emission rates (lb/hr) for chlorine and chlorinated compounds listed in District Rule 1401 Table 1. The test shall also report the operation conditions of the Platformer Unit during the test in terms of fuel gas flow rate, gross heating value, catalyst regeneration rate, chlorination gas flow rate, catalyst recirculation rate and trichloroethane injection rate.

During the test, the equipment (D74, D68, D69, D71, D932, D934, D935, D940, D941, D942, and D943) shall be in full operation or operated within a capacity range approved by the District.

A source test protocol shall be submitted to the District no later than 60 days before the proposed test date. The District shall be notified of the date and time of the test at least 15 days prior to the test. A report shall be submitted to the District no later than 90 days after conducting the test.

The test shall be conducted within 180 days from the start-up of this equipment.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D74]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

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The operator shall comply with the terms and conditions set forth below:

D182.5 The operator shall test this equipment in accordance with the following specifications:

A source test protocol shall be submitted to the District no later than 60 days before the proposed test date. The test may commence without prior approval from the District if it is conducted according to a source test protocol previously approved by the District for this equipment. The District shall be notified of the date and time of the test at least 15 days prior to the test. A report shall be submitted to the District no later than 90 days after conducting the test.

The test shall determine and report the concentrations (ppmv at 3 percent oxygen) and mass emission rates (lb/hr) for CO, PM10, and ROG.

The test shall also include catalyst recirculation rate.

The test shall be conducted at least once every three years after conducting the initial performance test

During the test, the equipment shall be operated at least 80 percent of the permitted maximum rated capacity or within a capacity range approved by the District.

Testing and sampling facilities shall be provided and maintained in accordance with District source test method 1.1 or 1.2 and District guidelines for construction of sampling and testing facilities.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 407, 4-2-1982]

[Devices subject to this condition : D74]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

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The operator shall comply with the terms and conditions set forth below:

D182.6 The operator shall test this equipment in accordance with the following specifications:

The test shall be conducted to determine the sulfur conversion efficiency of this equipment to demonstrate compliance with the BACT requirements of 95 percent conversion efficiency.

The test shall be conducted at least annually.

The operator shall submit a detail description of the test methods/procedures to the District at least 90 days prior to the initial testing. The initial and annual tests shall be conducted according to the approved test plan or any subsequently approved revisions. The District shall be notified of the date and time of the test at least 15 days prior to the test. Report of the test and operating conditions of the SRU recorded during the test shall be made available to the District upon request

During the test, the equipment shall be operated at least 80 percent of the permitted maximum capacity or within a capacity range approved by the District.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D1267, D1275]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

D238.1 All hydrofluoric acid sensors shall be electronically linked to the District's hydrofluoric acid emergency monitoring Central Station via a Remote Terminal Unit (RTU) which has been approved by the Executive Officer.

The RTU shall be operated such that an alarm message shall be transmitted to the District's Central Station via the RTU when any hydrofluoric acid sensor detects a concentration of 6 ppm or more of hydrofluoric acid.

All hydrofluoric acid sensors shall be calibrated monthly. Calibration reports shall be generated and electronically sent to the District's Central Station via the RTU in real time.

This condition shall not apply during the hydrofluoric acid sensor or RTU breakdown if all of the following requirement(s) are met:

1. The breakdown did not result from operator error, neglect, improper operation or poor maintenance.
2. Steps are immediately taken to repair or rectify the condition causing the breakdown.
3. The District Central Station or the Executive Officer is notified of the breakdown within 8 hours of its occurrence.

This condition shall not apply also during:

1. Routine quarterly maintenance of the affected equipment, with the prior approval of the Executive Officer.

[RULE 1401, 3-4-2005]

[Devices subject to this condition : D1011, D1494, D1495]

D322.1 The operator shall perform annual inspection of the equipment and filter media for leaks, broken or torn filter media, and improperly installed filter media.

This condition shall become effective when the initial Title V permit is issued to the facility.

[RULE 1140, 2-1-1980; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984; RULE 404, 2-7-1986; RULE 405, 2-7-1986]

[Devices subject to this condition : D946]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

D322.2 The operator shall perform annual inspection of the equipment and filter media for leaks, broken or torn filter media, and improperly installed filter media.

To comply with this condition, the operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

This condition shall become effective when the initial Title V permit is issued to the facility.

[RULE 1140, 2-1-1980; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984; RULE 404, 2-7-1986; RULE 405, 2-7-1986]

[Devices subject to this condition : C1567, C1569]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

D323.1 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever there is a public complaint of visible emissions, whenever visible emissions are observed, and on an annual basis, at least, unless the equipment did not operate during the entire annual period. The routine annual inspection shall be conducted while the equipment is in operation and during daylight hours.

If any visible emissions (not including condensed water vapor) are detected that last more than three minutes in any one hour, the operator shall verify and certify within 24 hours that the equipment causing the emission and any associated air pollution control equipment are operating normally according to their design and standard procedures and under the same conditions under which compliance was achieved in the past, and either:

- 1). Take corrective action(s) that eliminates the visible emissions within 24 hours and report the visible emissions as a potential deviation in accordance with the reporting requirements in Section K of this permit; or
- 2). Have a CARB-certified smoke reader determine compliance with the opacity standard, using EPA Method 9 or the procedures in the CARB manual "Visible Emission Evaluation", within three business days and report any deviations to AQMD.

The operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

- 1). Stack or emission point identification;
- 2). Description of any corrective actions taken to abate visible emissions;
- 3). Date and time visible emission was abated; and
- 4). All visible emission observation records by operator or a certified smoke reader.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984]

[Devices subject to this condition : D36, D68, D69, D933, D934, D935, D936, D937, D938, D939]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

- D328.1 The operator shall determine compliance with the CO emission limit(s) either: (a) conducting a source test at least once every five years using AQMD Method 100.1 or 10.1; or (b) conducting a test at least annually using a portable analyzer and AQMD-approved test method. The test shall be conducted when the equipment is operating under normal conditions to demonstrate compliance with the CO emission limit(s). The operator shall comply with all general testing, reporting, and recordkeeping requirements in Sections E and K of this permit.

This condition shall become effective when the initial Title V permit is issued to the facility.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 407, 4-2-1982]

[Devices subject to this condition : C1260]

- D330.1 The operator shall have a person that has been trained in accordance with Rule 461(d)(5) conduct a semi-annual inspection of the gasoline transfer and dispensing equipment. The first inspection shall be in accordance with Rule 461, Attachment B, the second inspection shall be in accordance with Rule 461, Attachment C, and the subsequent inspections shall alternate protocols. The operator shall keep records of the inspection and the repairs in accordance to Rule 461 and Section K of this Permit.

This condition shall become effective when the initial Title V permit is issued to the facility.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 461, 6-3-2005]

[Devices subject to this condition : D983]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

D381.1 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever there is a public complaint of visible emissions, whenever visible emissions are observed, and on an annual basis, at least, unless the equipment did not operate during the entire annual period. The routine annual inspection shall be conducted while the equipment is in operation and during daylight hours. If any visible emissions (not including condensed water vapor) are detected, the operator shall take corrective action(s) that eliminates the visible emissions within 24 hours and report the visible emissions as a potential deviation in accordance with the reporting requirements in Section K of this permit.

The operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

- 1). Stack or emission point identification;
- 2). Description of any corrective actions taken to abate visible emissions; and
- 3). Date and time visible emission was abated.

This condition shall become effective when the initial Title V permit is issued to the facility.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984]

[Devices subject to this condition : D946, D1566, D1568]

D425.1 The operator shall have the existing NO_x CEMS monitoring this device recertified within 90 days of the start-up of the modification of this device. If the CEMS is not recertified within 90 days of start-up of this device, the facility permit holder shall calculate and report NO_x emissions in accordance with Rule 2012, Appendix A, Chapter 2, Paragraph (B)(16) - Recertification Requirements.

[RULE 2012, 5-6-2005]

[Devices subject to this condition : D36]

D425.2 The operator shall have the existing SO_x CEMS monitoring this device recertified within 90 days of the start-up of the modification of this device. If the CEMS is not recertified within 90 days of start-up of this device, the facility permit holder shall calculate and report SO_x emissions in accordance with Rule 2011, Appendix A, Chapter 2, Paragraph (B)(17) - Recertification Requirements.

[RULE 2011, 5-6-2005]

[Devices subject to this condition : D36]

E. Equipment Operation/Construction Requirements

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

- E57.1 The operator shall vent this equipment to a vapor recovery system which is in full operation and has been issued a permit to operate by the district whenever this equipment is in operation.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D1224, D1225, D1226, D1227]

- E71.3 The operator shall not operate this equipment if any SRU/TGU tail gases are routed to this equipment for combustion such that the concentration of SOX discharged from this equipment exceeds 250 ppmv (dry basis) at zero percent excess air, except during startup, shutdown, or malfunction of the tail gas units as required by 40CFR60 Subpart J.

[40CFR 60 Subpart J, 10-4-1991]

[Devices subject to this condition : C1260]

- E71.4 The operator shall not operate this equipment for incineration of amine acid gases and ammonia acid gases to the Sulfur Recovery Unit.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : C1260]

- E73.1 Notwithstanding the requirements of Section E conditions, the operator may, at his discretion, choose not to use ammonia injection if:

The inlet temperature of the SCR reactor is below 475 Deg F.

The operator shall install and maintain a temperature gauge to accurately indicate the temperature at the inlet of the SCR bed. The operator shall also install and maintain a device to continuously record the temperature being measured.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : C431, C1551]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

- E73.2 Notwithstanding the requirements of Section E conditions, the operator shall not use thermal oxidizer C1260 to vent this equipment unless:

Both SRU Train Nos. 1 and 2 are in a process upset as defined in NSPS Subpart J

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D179, D182, D200, D848]

- E73.3 Notwithstanding the requirements of Section E conditions, the operator shall not use thermal oxidizer C1260 to vent this equipment unless:

Both Tail Gas Treating Units (TGTU) Nos. 38 and 39 are in a process upset as defined in NSPS Subpart J

And/Or

Both SRU Train Nos. 1 and 2 are in a process upset as defined in NSPS Subpart J

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D142, D148, D1267, D1275]

- E73.4 Notwithstanding the requirements of Section E conditions, the operator is not required to use Train No. 1 Reaction Furnance (D1267) and Train No. 2 Reaction Furnace (D1275) to vent this equipment if:

Both SRU Train Nos. 1 and 2 are in a process upset as defined in NSPS Subpart J

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D179, D182, D200, D848]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

- E73.5 Notwithstanding the requirements of Section E conditions, the operator may, at his discretion, choose not to use ammonia injection if:

The FCCU meets the Rule 1105.1 filterable PM10 emission limit of 2.8 pounds per thousand barrels of fresh feed.

[RULE 1105.1, 11-7-2003]

[Devices subject to this condition : D36]

- E166.1 The operator shall keep all openings from this equipment closed when in use except during absorbent change out. No detectable VOC emissions shall be released to the atmosphere from any opening or spent absorbent from this equipment as indicated by an instrument reading of less than 500 ppm measured in accordance with EPA reference method 21.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D1212, D1213, D1214]

- E193.3 The operator shall operate and maintain this equipment according to the following requirements:

The operator shall only use the oxygen injection system when the Power recovery turbine (D1249) is down due to a Rule 430 breakdown.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D36]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

E193.4 The operator shall operate and maintain this equipment as follows:

The operator shall not operate any mode specified in Condition D29.13 if the source test results show that operating mode exceeds the PM10 (2.8 lbs per 1,000 bbl fresh feed) or NH3 (10 ppmv) limits specified in Rule 1105.1.

Notwithstanding the requirements of Section E conditions, the operator is not required to operate all three ESPs (61-PR-1A, 61-PR-1B, 61-PR-2) in full operation when venting the FCCU Regenerator catalyst fine exhaust if the operator maintains a minimum of 6 of 12 transformer/rectifier sets in operation.

[RULE 1105.1, 11-7-2003]

[Devices subject to this condition : D36]

E193.5 The operator shall construct, operate, and maintain this equipment according to the following specifications:

The operator shall comply with all measures stipulated by the AQMD Certified Negative Declaration dated June 21, 2007.

[CA PRC CEQA, 11-23-1970]

[Devices subject to this condition : C1615]

E193.6 The operator shall operate and maintain this equipment according to the following requirements:

The operator shall discharge dust collected in the ESPs only into leak-free hoppers or closed container bins.

[RULE 1105.1, 11-7-2003]

[Devices subject to this condition : C1615]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

E336.3 The operator shall vent the vent gases from this equipment as follows:

All acid gases under normal operating conditions shall be directed to the sulfur recovery unit(s) which is in full use and has- a valid permit to receive vent gases from this equipment.

All emergency vent gases shall be directed to a blowdown flare system which is in full use and has- a valid permit to receive vent gases from this equipment.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D650]

H. Applicable Rules

H23.1 This equipment is subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|-------------|---------------|--------------|
| H2S | District Rule | 465 |
| VOC | District Rule | 465 |

[RULE 465, 8-13-1999]

[Devices subject to this condition : D849, D850, D1262, D1263, D1290, D1299, D1576]

**FACILITY PERMIT TO OPERATE
 ULTRAMAR INC (NSR USE ONLY)**

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

H23.4 This equipment is subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|-------------|------------------|--------------|
| VOC | District Rule | 1176 |
| VOC | 40CFR60, SUBPART | QQQ |

[RULE 1176, 9-13-1996; 40CFR 60 Subpart QQQ, 5-5-1989]

[Devices subject to this condition : D1409, D1611, D1638]

H23.5 This equipment is subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|-------------|------------------|--------------|
| H2S | 40CFR60, SUBPART | J |

[40CFR 60 Subpart J, 10-4-1991]

[Devices subject to this condition : D74, D430, D1550]

H23.6 This equipment is subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|-------------|------------------|--------------|
| VOC | 40CFR60, SUBPART | Ka |

[40CFR 60 Subpart Ka, 5-5-1989]

[Devices subject to this condition : D268, D269, D271]

**FACILITY PERMIT TO OPERATE
 ULTRAMAR INC (NSR USE ONLY)**

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

H23.11 This equipment is subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|-------------|------------------|--------------|
| VOC | 40CFR60, SUBPART | Kb |

[40CFR 60 Subpart Kb, 10-15-2003]

[Devices subject to this condition : D448, D864, D868]

H23.16 This equipment is subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|-------------|------------------|--------------|
| VOC | District Rule | 1173 |
| VOC | 40CFR60, SUBPART | GGG |

[RULE 1173, 5-13-1994; RULE 1173, 6-1-2007; 40CFR 60 Subpart GGG, 6-7-1985]

[Devices subject to this condition : D1328, D1333, D1334, D1339, D1348, D1548]

H23.17 This equipment is subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|-------------|---------------|--------------|
| VOC | District Rule | 1173 |

[RULE 1173, 5-13-1994; RULE 1173, 6-1-2007]

[Devices subject to this condition : D872, D1321, D1323, D1331, D1349, D1350, D1353, D1368]

**FACILITY PERMIT TO OPERATE
 ULTRAMAR INC (NSR USE ONLY)**

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

H23.18 This equipment is subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|-------------|---------------|--------------|
| VOC | District Rule | 1149 |

[RULE 1149, 7-14-1995]

[Devices subject to this condition : D1129]

H23.27 This equipment is subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|-------------|------------------|--------------|
| PM10 | District Rule | 1105.1 |
| HAPs | 40CFR63, SUBPART | UUU |
| CO | 40CFR60, SUBPART | J |
| PM | 40CFR60, SUBPART | J |
| Opacity | 40CFR60, SUBPART | J |
| SOX | 40CFR60, SUBPART | J |

[RULE 1105.1, 11-7-2003; 40CFR 60 Subpart J, 10-4-1991; 40CFR 63 Subpart UUU, 4-20-2006]

[Devices subject to this condition : D36]

**FACILITY PERMIT TO OPERATE
 ULTRAMAR INC (NSR USE ONLY)**

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

H23.28 This equipment is subject to the applicable requirements of the following rules or regulations:

| Rule | Rule/Subpart | |
|------|------------------|----|
| | 40CFR60, SUBPART | Db |

[40CFR 60 Subpart Db, 2-27-2006]

[Devices subject to this condition : D1550]

H116.1 The operator shall install and maintain a flow indicator at the vent stream to the vapor recovery system in order to comply with 40CFR60 Subpart QQQ Section 60.692-5 whenever this equipment is in operation.

[40CFR 60 Subpart QQQ, 5-5-1989]

[Devices subject to this condition : D1224]

I. Administrative

I331.1 The conditions and requirements for this device in Section H shall take effect, and shall supersede those in Section D, when the modifications authorized in Section H are completed. The operator shall notify the AQMD when the modifications are completed.

[RULE 202, 5-7-1976]

[Devices subject to this condition : D142, D148, D674, D675, D1267, D1275]

K. Record Keeping/Reporting

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

K40.2 The operator shall provide to the District a source test report in accordance with the following specifications:

Source test results shall be submitted to the District no later than 60 days after the source test was conducted.

All exhaust flow rate shall be expressed in terms of dry standard cubic feet per minute (DSCFM) and dry actual cubic feet per minute (DACFM).

Emission data shall be expressed in terms of mass rate (lbs/hr). In addition, solid PM emissions, if required to be tested, shall also be reported in terms of grains per DSCF.

Emission data shall also be expressed in terms of concentration (ppmv).

All moisture concentration shall be expressed in terms of percent.

Source test results shall also include oxygen levels in the flue gas, FCCU feed rate, catalyst recirculation rate, coke burn-off rate, flue gas flow rate, flue gas moisture content, the flue gas temperature at the outlet of the ESP, opacity readings from the opacity meter, regenerator combustion temperature, FCCU feed pre-heat temperature, blower airflow rate and the average current, voltage, and spark rate at each ESP fields. Also, the report shall include oxygen injection rate, when tested.

This condition shall only apply to source test condition D29.7, source testing performed to demonstrate compliance of the oxygen injection system

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 2005, 5-6-2005; RULE 401, 3-2-1984; RULE 401, 11-9-2001; RULE 404, 2-7-1986; RULE 405, 2-7-1986]

[Devices subject to this condition : D36]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

K40.3 The operator shall provide to the District a source test report in accordance with the following specifications:

Source test results shall be submitted to the District no later than 60 days after the source test was conducted.

PM10 emission data from testing performed per condition D29.13 shall be reported in terms of mass rate (lbs/hr) and in terms of grains /DSCF.

CO emission data shall be reported in terms of mass rate (lbs/hr) and in terms of concentration (ppmv), corrected to 3 percent oxygen, dry basis.

Ammonia emission data shall be expressed in terms of concentration (ppmv), corrected to 3 percent oxygen, dry basis.

All exhaust flow rate shall be expressed in terms of dry standard cubic feet per minute (DSCFM) and dry actual cubic feet per minute (DACFM).

Source test results shall also include the following operating parameters under which the test was conducted:

Source test results shall include the following: FCCU feed rate in BPD; catalyst recirculation rate in tons per minute; catalyst make-up rate in tons per day; catalyst inventory in the equipment; fresh catalyst feed; sulfur content (%) in the feed; coke burn-off rate; O2 content of exhaust gases; exhaust flow rate; exhaust gas moisture content; the flue gas temperature at the outlet of the ESP; and the average current in amps, voltage in volts, and spark rate at each ESP in use.

In addition, the source test results shall include the ammonia injection rate prior to the ESP (if applicable).

This condition shall only apply to source test condition D29.13.

[RULE 1105.1, 11-7-2003; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 404, 2-7-1986; RULE 405, 2-7-1986; RULE 407, 4-2-1982]

[Devices subject to this condition : D36]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

K67.6 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Throughput and vapor pressure of stored liquid.

This condition shall become effective when the initial Title V permit is issued to the facility.

[RULE 1178, 4-7-2006; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 463, 5-6-2005]

[Devices subject to this condition : D278]

K67.8 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

The name of the person performing the inspection and/or maintenance of the filter media

The date, time, and results of the inspection

The date, time, and description of any maintenance or repairs resulting from the inspection

This condition shall become effective when the initial Title V permit is issued to the facility.

[RULE 1140, 2-1-1980; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984; RULE 404, 2-7-1986; RULE 405, 2-7-1986]

[Devices subject to this condition : D946, C1567, C1569]

K67.10 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

fuel gas usage

fuel gas heating value

[RULE 2011, 5-6-2005; RULE 2012, 5-6-2005]

[Devices subject to this condition : D1550]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

K171.1 The operator shall provide to the District the following items:

The required annual test may commence without prior approval from the District, if it is conducted according to a source test protocol previously approved by the District for this equipment. A copy of the approval letter shall be submitted to the District at least 30 days prior to the test.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 2011, 5-6-2005; RULE 2012, 5-6-2005]

[Devices subject to this condition : C431, C1551]

K171.3 The operator shall provide to the District the following items:

Final drawings and/or specifications of the geodesic dome cover, slotted guidepole and wiper and other tank appurtenances upgrades to be installed/constructed shall be submitted to the district within 60 days after construction

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D268, D269, D271, D278, D448, D864, D868]

K171.4 The operator shall provide to the District the following items:

Any changes to the wastewater system or any other components required to be identified by Rule 1176(d)(2).

This information shall be submitted to the District within 60 calendar days after construction is completed.

[RULE 1176, 9-13-1996]

[Devices subject to this condition : D1611]

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION I: PLANS AND SCHEDULES

This section lists all plans approved by AQMD for the purposes of meeting the requirements of applicable AQMD rules specified below. The operator shall comply with all conditions specified in the approval of these plans, with the following exceptions:

- a. The operator does not have to comply with NO_x or SO_x emission limits from rules identified in Table 1 or Table 2 of Rule 2001(j) which become effective after December 31, 1993.
- b. The operator does not have to comply with NO_x or SO_x emission limits from rules identified in Table 1 or Table 2 of Rule 2001(j) after the facility has received final certification of all monitoring and reporting requirements specified in Section F and Section G.

Documents pertaining to the plan applications listed below are available for public review at AQMD Headquarters. Any changes to plan applications will require permit modification in accordance with Title V permit revision procedures.

List of approved plans:

| Application | Rule |
|-------------|------|
| 299235 | 463 |
| 334141 | 2002 |
| 410212 | 1178 |
| 423346 | 1173 |
| 474699 | 1166 |

NOTE: This section does not list compliance schedules pursuant to the requirements of Regulation XXX - Title V Permits; Rule 3004(a)(10)(C). For equipment subject to a variance, order for abatement, or alternative operating condition granted pursuant to Rule 518.2, equipment specific conditions are added to the equipment in Section D or H of the permit.

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION J: AIR TOXICS [40CFR 61 Subpart FF_01 12-4-2003]

BENZENE WASTE OPERATIONS FROM PETROLEUM REFINERIES – “6BQ” COMPLIANCE OPTION

1. The operator shall comply with all applicable requirements of 40CFR61 Subpart FF including those requirements of 40CFR61 Subpart A.
2. The operator shall comply with treatment standards specified in §61.342(e) of 40CFR61 Subpart FF for 6 Mg/yr (6.6 tons/yr) benzene quantity (6 BQ) limit as follows:
 - a. §61.342(e)(1): The operator shall manage and treat all waste streams, with a flow-weighted annual average water content of less than 10 percent, in accordance with the requirements specified in §61.342(c)(1).
 - b. §61.342(e)(2): The operator shall manage and treat all waste streams (including remediation and process turnaround waste), with a flow-weighted annual average water content of 10 percent or greater, in such a manner that the total quantity of benzene in the treated and untreated aqueous waste streams is less than 6.0 Mg/yr. The benzene in each waste stream shall be quantified in accordance with §61.355(k)(6).
3. For each stream that is treated to comply with §61.342(e)(1) or §61.342(e)(2), the operator shall comply with the treatment process standard specified in Section 61.348.
4. For waste management units, which are used to handle or treat waste streams that are treated as specified in §61.348 and/or recycled to a process, the operator shall comply with the following standards:
 - a. Tanks standards. *{61.343}*
 - b. Surface impoundments standards. *{61.344}*
 - c. Containers standards. *{61.345}*
 - d. Individual drain system standards. *{61.346}*
 - e. Oil-water separator standards. *{61.347}*
5. For each closed vent system and control device used to comply with standards in accordance with §61.343 through §61.348, the operator shall comply with the requirements of §61.349.
6. The operator shall comply with monitoring and associated recording requirements in §61.354.
7. The operator shall comply with applicable test methods and procedures in §61.355 for determining the total annual benzene quantity from facility waste.

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**SECTION J: AIR TOXICS
[40CFR 61 Subpart FF_01 12-4-2003]**

8. The operator shall comply with reporting requirements in §61.357 and recordkeeping requirements in §61.356.
9. The operator shall comply with 40CFR63 Subpart CC requirements, which references to 40CFR61 Subpart FF for equipment subject to 40CFR60 Subpart QQQ or 40CFR63 Subpart CC. *{40CFR63 Subpart CC, Section 63.640(o)(1)}*

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**SECTION J: AIR TOXICS
[40CFR 63 Subpart CC, #2 5-25-2001]**

HAZARDOUS AIR POLLUTANTS FROM PETROLEUM REFINERIES - GROUP 2
EMISSION POINTS (MISCELLANEOUS PROCESS VENT, STORAGE VESSEL, AND
WASTEWATER STREAM)

1. The operator shall make the determination for Group 2 emission point in accordance with the following regulations:

| Emissions Point | Section | Group 2 Determination Criteria |
|----------------------------|------------------------|---------------------------------------|
| Miscellaneous process vent | 63.645(h) | Total organic compounds emission rate |
| Storage tank | 63.654(i)(1)(iv) | Weight percent of total organic HAP |
| Wastewater stream | 61.342(c)(2) or (c)(3) | Total annual benzene quantity |

Record of any data, assumptions, and procedures used to make this determination shall be retained for five years.

2. The operator shall not reclassify a Group 2 emission point to a Group 1 emission point without first obtaining a valid permit from the AQMD.

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 [40CFR 63 Subpart CC, #3A 5-25-2001]**

HAZARDOUS AIR POLLUTANTS FROM PETROLEUM REFINERIES - GROUP 1
 EMISSION POINT (GROUP 1 STORAGE TANK - EXISTING SOURCE)

1. The operator shall comply with all applicable requirements of 40CFR63 Subparts CC including those requirements of 40CFR63 Subpart A specified in Table 6 of 40CFR63 Subpart CC.
2. The operator shall comply with applicable requirements of 40CFR63 Subpart CC by the following applicable compliance date:
 - August 18, 1998, for fixed roof storage tank. {63.640(h)}
 - August 18, 2005, or at the first degassing and cleaning activity after 8/18/1998, whichever is first, for floating roof storage tank. {63.640(h)(4)}
3. The operator shall comply with applicable control, monitoring, inspection, and recordkeeping requirements of 40CFR63 Subpart CC, which references to 40CFR63 Subpart G as follows:

| 40CFR63 Subpart CC | 40CFR63 Subpart G |
|-------------------------------|---|
| 63.646(a) | <u>Control requirements:</u> <ol style="list-style-type: none"> a. Internal Floating Roof storage tanks shall be equipped with proper seals. {63.119(b)(1) to (b)(4)} b. External Floating Roof storage tank shall be equipped with proper seals. {63.119(c)(1), (c)(3) & (c)(4)} c. External Floating Roof converted to an Internal Floating Roof shall be equipped with proper seals. {63.119(d)(1)} d. Fixed roof storage tank shall be vented to a control system to reduce organic hazardous air pollutants emissions by 95%. {63.119(e)(1) to (e)(5)} |

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 [40CFR 63 Subpart CC, #3A 5-25-2001]**

| | |
|-----------------|---|
| 63.646(e) | <p><u>Testing and inspection requirements:</u></p> <p>a. Internal Floating Roof storage tank, single seal: Roof & seal shall be visually inspected yearly through manholes & roof hatches and Roof & seal shall be visually inspected when emptying/degassing the tank and at least every 10 years. {63.120(a)(2)(i) & (ii)}</p> <p>b. Internal Floating Roof storage tank, double seals:</p> <ul style="list-style-type: none"> • Roof & both seals shall be visually inspected when emptying/degassing and at least every 5 years {63.120(a)(3)(i)}, or • Roof & secondary seal shall be visually inspected yearly through manholes and roof hatches and <p>Roof & both seals shall be visually inspected when emptying/degassing and at least every 10 years. {63.120(a)(3)(ii) & (iii)}</p> <p>c. External Floating Roof storage tank, single seal: Gaps between vessel wall and primary seal shall be measured until the secondary seal is installed. {63.120(b)(1)(ii)}</p> <p>d. External Floating Roof, double seals:</p> <ul style="list-style-type: none"> • Gaps between vessel wall and primary seal shall be measured every 5 years during hydrostatic testing, {63.120(b)(1)(i)} • Gap between wall and secondary seal shall be measured yearly {63.120(b)(1)(iii)}, and <p>Roof, both seals & fittings shall be visually inspected when emptying/degassing (non specified frequency). {63.120(b)(10)}</p> <p>e. Fixed Roof Vent to Control System: Control system shall be tested one time for control efficiency demonstration and closed vent system shall be inspected annually. {63.120(d)(1) & (6)}</p> |
| 63.654(i)(1)(i) | <p>The operator shall comply with recordkeeping requirements in Section 63.123.</p> |

4. The operator shall comply with the reporting requirements specified in 40CFR63 Subpart CC, Section 63.654(e), (f) & (g).
5. The operator shall comply with other requirements specified in 40CFR63 Subpart CC, Section 63.646(f) as follows:
 - e. Cover or lid on an opening on a floating roof,

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[40CFR 63 Subpart CC, #3A 5-25-2001]

- f. Rim space vents to be set when the roof is not floating or the pressure beneath the rim seal exceeds the manufacturer's recommended setting, and
 - g. Close automatic bleeder vents except when the roof is being floated off or is being landed on the roof leg supports.
6. The operator is exempt from deck fitting requirements; inspection; and recordkeeping requirements for gaskets, slotted membranes, and sleeve seals for existing floating roof storage tank as specified in 40CFR63 Subpart CC, Sections 63.646(c), 63.646(e), and 63.654(i)(1)(i), respectively.
7. The operator shall comply with 40CFR63 Subpart CC requirements for existing equipment that is subject to 40CFR60 Subpart K or Ka and 40CFR63 Subpart CC. *{40CFR63 Subpart CC, Section 63.640(n)}*
8. The operator shall comply with 40CFR60 Subpart Kb requirements for existing equipment that is subject to 40CFR60 Subpart Kb and 40CFR63 Subpart CC. *{40CFR63 Subpart CC, Section 63.640(n)}*

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[40CFR 63 Subpart CC, #5A 5-25-2001]

HAZARDOUS AIR POLLUTANTS FROM PETROLEUM REFINERIES - EQUIPMENT
 LEAK IN ORGANIC HAP SERVICE - EXISTING SOURCE

1. The operator shall comply with all applicable requirements of 40CFR63 Subpart CC including those requirements of 40CFR63 Subpart A specified in Table 6 of 40CFR63 Subpart CC.
2. The operator shall comply with applicable control, monitoring, inspection, and repair requirements of 40CFR63 Subpart CC, which references to 40CFR60 Subpart VV as follows:

| 40CFR63 Subpart CC | 40CFR60 Subpart VV |
|-------------------------------|---|
| 63.648(a) | <ol style="list-style-type: none"> 1. <u>Control, Monitoring, Inspection, and Repair Requirements:</u> The operator shall comply with the following standards set forth for equipment used in volatile organic compounds service: <ol style="list-style-type: none"> a. Pumps in light liquid service. {60.482-2} b. Compressors. {60.482-3} c. Pressure relief devices in gas/vapor service. {60.482-4} d. Sampling connection systems. {60.482-5} e. Open-ended valves or lines. {60.482-6} f. Valves in gas/vapor and light liquid service. {60.482-7} g. Pumps and valves in heavy liquid service, pressure relief devices in light or heavy liquid service, and flanges and other connectors. {60.482-8} h. Allowance for delay of repair of equipment. {60.482-9} i. Closed vent systems and control devices. {60.482-10} 2. <u>Test Methods and Procedures:</u> The operator shall comply with applicable test methods and procedures in Section 60.485 in conducting performance tests and determining the presence of leaking sources. |
| 63.648(b) | <ol style="list-style-type: none"> 3. <u>Allowance for Less Frequent Monitoring:</u> The operator shall comply with applicable requirements in Section 60.483-2 when electing to skip leak detection periods for valves. |

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[40CFR 63 Subpart CC, #5A 5-25-2001]

| | |
|-------------------------------|--|
| 40CFR63 Subpart CC | 40CFR60 Subpart VV |
| 63.654(d)(1) | 4. <u>Recordkeeping and Reporting Requirements</u> : The operator shall comply with recordkeeping and semiannual reporting requirements in Sections 60.486 and 60.487, respectively. |

3. The operator shall comply with 40CFR63 Subpart CC requirements for existing equipment that is subject to 40CFR60 or 40CFR61 as well as 40CFR63 Subpart CC. *{40CFR63 Subpart CC, Section 63.640(p)}*

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SECTION J: AIR TOXICS
[40CFR 63 Subpart CC, #6 5-25-2001]

HAZARDOUS AIR POLLUTANTS FROM PETROLEUM REFINERIES - GROUP 1
 EMISSION POINT (GROUP 1 GASOLINE LOADING RACK - EXISTING/NEW
 SOURCE)

1. The operator shall comply with all applicable requirements of 40CFR63 Subparts CC including those requirements of 40CFR63 Subpart A specified in Table 6 of 40CFR63 Subpart CC.
2. The operator shall comply with applicable control and monitoring requirements of 40CFR63 Subpart CC, which references to 40CFR63 Subpart R as follows:

| 40CFR63 Subpart CC | 40CFR63 Subpart R |
|-------------------------------|--|
| 63.650(a) | <ol style="list-style-type: none"> 1. <u>Control Requirements</u>: The operator shall comply with the following control requirements specified in Section 63.422(a) through (c): <ol style="list-style-type: none"> a. Emission shall not exceed 10 milligrams of total organic compounds per liter of gasoline loaded. b. Loading of liquid product into gasoline tank trucks shall be limited to vapor-tight gasoline trucks using the procedures referenced in 60.502. 2. <u>Test Methods and Procedures</u>: The operator shall comply with applicable test methods and procedures for the following tests: <ol style="list-style-type: none"> a. Performance tests. {63.425(a)-(c)} b. Annual certification test. {63.425(e)} c. Leak detection test. {63.425(f)} d. Nitrogen pressure decay test. {63.425(g)} e. Continuous performance pressure decay test. {63.425(h)} 3. <u>Monitoring Requirements</u>: The operator shall comply with applicable continuous monitoring requirements for vapor control system in Sections 63.427(a)-(b). 4. <u>Recordkeeping and Reporting Requirements</u>: The operator shall comply with the following requirements: <ol style="list-style-type: none"> a. Recordkeeping. {63.428(b)&(c)} b. Semiannual reporting. {63.428(g)(1)} c. Excess emissions reporting {63.428(h)(1)-(3)} |

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SECTION J: AIR TOXICS [40CFR 63 Subpart UUU, #1 2-9-2005]

HAZARDOUS AIR POLLUTANTS FROM PETROLEUM REFINERIES: CATALYTIC REFORMING UNITS

1. The operator shall comply with the applicable general requirements of Sections 63.1 through 63.15 of Subpart A and Section 63.1570 of Subpart UUU.
2. The operator shall comply with the applicable notification, reporting, and recordkeeping requirement of Sections 63.1574, 63.1575, and 63.1576, respectively.
3. The operator shall prepare an operation, maintenance, and monitoring plan for each affected source as specified in Section 63.1574(f).
4. The operator shall submit all required reports, notifications, plans, submittals and other communications required by 40CFR63 Subpart A or Subpart UUU to the AQMD and, unless notified to the contrary by AQMD or US EPA, to US EPA Region IX, where applicable (see addresses in Sections E and K of this permit).
5. The operator shall submit to AQMD all plan applications (i.e. operation, maintenance, and monitoring plans) and applications for permits to construct and operate new equipment or equipment modifications, which are required by 40CFR63 Subpart A or Subpart UUU, as a Title V permit revision for the approval by the Executive Officer.
6. According to § 63.1562(e)(5), this CRU is not subject to the organic HAP standards of this subpart since the vent stream is routed to a fuel gas system.
7. The operator shall comply with the following standard(s) for CRU Process Vents:

Emission and Operating Limits for CRU Process Vents (§ 63.1567)*

| HAP Type | Emission Limitation | Operating Limit |
|--------------------------|--|---|
| Inorganic HAP (§63.1567) | Reduce HCl by 97% by weight or to 10 ppmvd using a control device. | <u>Internal scrubbing system</u> (i.e., no add-on control device): Establish in the Performance Test: <i>HCl concentration in the catalyst regenerator exhaust gas.</i> |

**Exempt for depressuring and purging operation with reactor vent pressure ≤ 5 psig per § 63.1566(a)(4)*

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SECTION J: AIR TOXICS [40CFR 63 Subpart UUU, #1 2-9-2005]

8. The operator shall comply with the following standard(s) for Bypass Lines:

Work Practice Standards for Bypass Lines (§ 63.1569)*

| Work Practice Standard |
|---|
| Install a car-seal or lock- and-key device placed on the mechanism by which the bypass device flow position is controlled (e.g., valve handle, damper level) when the bypass device is in the closed position such that the bypass line valve cannot be opened without breaking the seal or removing the device |

**Each bypass line that could vent an affected vent stream away from a control device used to comply with the requirements of this subpart.*

9. The operator shall comply with the following applicable initial and continuous compliance demonstration requirements.

| Source Type | HAP Type | Initial Compliance | Continuous Compliance |
|--------------|---------------|--|---|
| CRU | Inorganic HAP | Compliance with all applicable requirements of § 63.1567(b) including installation of a continuous monitoring system, completion of a performance test, and establishment of a site-specific operating limit. | Compliance with all applicable requirements of § 63.1567(c) including demonstration of compliance with operating limit established in the performance test. |
| Bypass Lines | HAP | Compliance with all applicable requirements of § 63.1569(b) including demonstration of initial compliance with the applicable work practice standard and submission of an operation, maintenance, and monitoring plan. | Compliance with all applicable requirements of § 63.1569(c) including demonstration of continuous compliance with the applicable work practice standard and with the procedures in the operation, maintenance, and monitoring plan. |

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SECTION J: AIR TOXICS [40CFR 63 Subpart UUU, #2 2-9-2005]

HAZARDOUS AIR POLLUTANTS FROM PETROLEUM REFINERIES: CATALYTIC CRACKING UNITS

1. The operator shall comply with the applicable general requirements of Sections 63.1 through 63.15 of Subpart A and Section 63.1570 of Subpart UUU.
2. The operator shall comply with the applicable notification, reporting, and recordkeeping requirements of Sections 63.1574, 63.1575, and 63.1576, respectively.
3. The operator shall prepare an operation, maintenance, and monitoring plan for each affected source as specified in Section 63.1574(f).
4. The operator shall submit all required reports, notifications, plans, submittals and other communications required by 40CFR63 Subpart A or Subpart UUU to the AQMD and, unless notified to the contrary by AQMD or US EPA, to US EPA Region IX, where applicable (see addresses in Sections E and K of this permit).
5. The operator shall submit to AQMD all plan applications (i.e. operation, maintenance, and monitoring plans) and applications for permits to construct and operate new equipment or equipment modifications, which are required by 40CFR63 Subpart A or Subpart UUU, as a Title V permit revision for the approval by the Executive Officer.
6. The operator shall comply with the following standard(s) for FCCUs:

Emission and Operating Limits for Existing FCCUs (§63.1564 & §63.1565)

| HAP Type | Emission Limitation * | Operating Limit * |
|----------|--|-------------------|
| Metal | 1. PM = 1.0 kg per 1,000 kg (1.0 lb/1,000 lb) of coke burn-off; 2. Opacity = 30%, except for one 6-minute average opacity reading in any 1-hour period. | na. |
| Organic | CO = 500 ppmvd | na. |

**Exempt for maintenance period per §63.1575(j)*

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SECTION J: AIR TOXICS [40CFR 63 Subpart UUU, #2 2-9-2005]

7. The operator shall comply with the following standard(s) for Bypass Lines:

Work Practice Standards for Bypass Lines (§ 63.1569)*

| Work Practice Standard |
|--|
| Install a car-seal or lock- and-key device placed on the mechanism by which the bypass device flow position is controlled (e.g., valve handle, damper level) when the bypass device is in the closed position such that the bypass line valve cannot be opened without breaking the seal or removing the device. |

**Each bypass line that could vent an affected vent stream away from a control device used to comply with the requirements of this subpart.*

8. The operator shall comply with the following applicable initial and continuous compliance demonstration requirements:

| Source Type | HAP Type | Initial Compliance | Continuous Compliance |
|--------------|-------------|--|---|
| FCCU | Metal HAP | Compliance with all applicable requirements of § 63.1564(b) including installation of a continuous opacity monitoring system and certification of compliance with the emission limits. | Compliance with all applicable requirements of § 63.1564(c) including demonstration of continuous compliance with the applicable Opacity and PM emission limits. |
| | Organic HAP | Compliance with all applicable requirements of § 63.1565(b) including installation of a continuous CO monitoring system and certification of compliance with the emission limit. | Compliance with all applicable requirements of § 63.1565(c) including demonstration of continuous compliance with the applicable CO emission limit. |
| Bypass Lines | HAP | Compliance with all applicable requirements of § 63.1569(b) including demonstration of initial compliance with the applicable work practice standard and submission of an operation, maintenance, and monitoring plan. | Compliance with all applicable requirements of § 63.1569(c) including demonstration of continuous compliance with the applicable work practice standard and with the procedures in the operation, maintenance, and monitoring plan. |

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SECTION J: AIR TOXICS [40CFR 63 Subpart UUU, #4 2-9-2005]

HAZARDOUS AIR POLLUTANTS FROM PETROLEUM REFINERIES: SULFUR RECOVERY UNITS

1. The operator shall comply with the applicable general requirements of Sections 63.1 through 63.15 of Subpart A and Section 63.1570 of Subpart UUU.
2. The operator shall comply with the applicable notification, reporting, and recordkeeping requirements of Sections 63.1574, 63.1575, and 63.1576, respectively.
3. The operator shall prepare an operation, maintenance, and monitoring plan for each affected source as specified in Section 63.1574(f).
4. The operator shall submit all required reports, notifications, plans, submittals and other communications required by 40CFR63 Subpart A or Subpart UUU to the AQMD and, unless notified to the contrary by AQMD or US EPA, to US EPA Region IX, where applicable (see addresses in Sections E and K of this permit).
5. The operator shall submit to AQMD all plan applications (i.e. operation, maintenance, and monitoring plans) and applications for permits to construct and operate new equipment or equipment modifications, which are required by 40CFR63 Subpart A or Subpart UUU, as a Title V permit revision for the approval by the Executive Officer.
6. The operator shall comply with the following standard(s) for SRUs:

Emission and Operating Limits for SRUs (§ 63.1568)*

| Control Type | Emission Limitation (0% excess air) | Operating Limit |
|--|--|-----------------|
| Oxidation or reduction control system followed by incineration | SO ₂ = 250 ppmvd | na. |

**Applicable to all existing Claus SRUs that are part of a SRP of 20 long tons/day or more and are subject to the NSPS for sulfur oxides in 40 CFR 60.104(a)(2).*

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SECTION J: AIR TOXICS [40CFR 63 Subpart UUU, #4 2-9-2005]

7. The operator shall comply with the following standard(s) for Bypass Lines:

Work Practice Standards for Bypass Lines (§ 63.1569)*

| Work Practice Standard |
|--|
| Install a car-seal or lock- and-key device placed on the mechanism by which the bypass device flow position is controlled (e.g., valve handle, damper level) when the bypass device is in the closed position such that the bypass line valve cannot be opened without breaking the seal or removing the device. |
| Seal the bypass line by installing a solid blind between piping flanges. |

**Each bypass line that could vent an affected vent stream away from a control device used to comply with the requirements of this subpart.*

8. The operator shall comply with the following applicable initial and continuous compliance demonstration requirements:

| Source Type | HAP Type | Initial Compliance | Continuous Compliance |
|--------------|----------|--|---|
| SRU | HAP | Compliance with all applicable requirements of § 63.1568(b) including installation of a continuous SO ₂ monitoring system and completion of a performance test. | Compliance with all applicable requirements of § 63.1568(c) including demonstration of compliance with the SO ₂ emission limit. |
| Bypass Lines | HAP | Compliance with all applicable requirements of § 63.1569(b) including demonstration of initial compliance with the applicable work practice standard and submission of an operation, maintenance, and monitoring plan. | Compliance with all applicable requirements of § 63.1569(c) including demonstration of continuous compliance with the applicable work practice standard and with the procedures in the operation, maintenance, and monitoring plan. |

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION K: TITLE V Administration

GENERAL PROVISIONS

1. This permit may be revised, revoked, reopened and reissued, or terminated for cause, or for failure to comply with regulatory requirements, permit terms, or conditions. [3004(a)(7)(C)]
2. This permit does not convey any property rights of any sort or any exclusive privilege. [3004(a)(7)(E)]

Permit Renewal and Expiration

3. (A) Except for solid waste incineration facilities subject to standards under Section 129(e) of the Clean Air Act, this permit shall expire five years from the date that this Title V permit is issued. The operator's right to operate under this permit terminates at midnight on this date, unless the facility is protected by an application shield in accordance with Rule 3002(b), due to the filing of a timely and complete application for a Title V permit renewal, consistent with Rule 3003. [3004(a)(2), 3004(f)]

(B) A Title V permit for a solid waste incineration facility combusting municipal waste subject to standards under Section 129(e) of the Clean Air Act shall expire 12 years from the date of issuance unless such permit has been renewed pursuant to this regulation. These permits shall be reviewed by the Executive Officer at least every five years from the date of issuance. [3004(f)(2)]
4. To renew this permit, the operator shall submit to the Executive Officer an application for renewal at least 180 days, but not more than 545 days, prior to the expiration date of this permit. [3003(a)(6)]

Duty to Provide Information

5. The applicant for, or holder of, a Title V permit shall furnish, pursuant to Rule 3002(d) and (e), timely information and records to the Executive Officer or designee within a reasonable time as specified in writing by the Executive Officer or designee. [3004(a)(7)(F)]

Payment of Fees

6. The operator shall pay all required fees specified in Regulation III - Fees. [3004(a)(7)(G)]

Reopening for Cause

7. The Executive Officer will reopen and revise this permit if any of the following circumstances occur:

(A) Additional regulatory requirements become applicable with a remaining permit term of three or more years. Reopening is not required if the effective date of the requirement is later than the expiration date of this permit, unless the permit or any of its terms and conditions has been extended pursuant to paragraph (f)(4) of Rule 3004.

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

SECTION K: TITLE V Administration

- (B) The Executive Officer or EPA Administrator determines that this permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of this permit.
- (C) The Executive Officer or EPA Administrator determines that the permit must be revised or revoked to assure compliance with the applicable requirements. [3005(g)(1)]

COMPLIANCE PROVISIONS

- 8. The operator shall comply with all regulatory requirements, and all permit terms and conditions, except:
 - (A) As provided for by the emergency provisions of condition no. 17 or condition no. 18, or
 - (B) As provided by an alternative operating condition granted pursuant to a federally approved (SIP-approved) Rule 518.2.

Any non-compliance with any federally enforceable permit condition constitutes a violation of the Federal Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or revision; or denial of a permit renewal application. Non-compliance may also be grounds for civil or criminal penalties under the California State Health and Safety Code. [3004(a)(7)(A)]

- 9. The operator shall allow the Executive Officer or authorized representative, upon presentation of appropriate credentials to:
 - (A) Enter the operator's premises where emission-related activities are conducted, or records are kept under the conditions of this permit;
 - (B) Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;
 - (C) Inspect at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and
 - (D) Sample or monitor at reasonable times, substances or parameters for the purpose of assuring compliance with the facility permit or regulatory requirements. [3004(a)(10)(B)]
- 10. All terms and conditions in this permit, including any provisions designed to limit a facility's potential to emit, are enforceable by the EPA Administrator and citizens under the federal Clean Air Act, unless the term or condition is designated as not federally enforceable. Each day during any portion of which a violation occurs is a separate offense. [3004(g)]

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SECTION K: TITLE V Administration

11. A challenge to any permit condition or requirement raised by EPA, the operator, or any other person, shall not invalidate or otherwise affect the remaining portions of this permit. [3007(b)]
12. The filing of any application for a permit revision, revocation, or termination, or a notification of planned changes or anticipated non-compliance does not stay any permit condition. [3004(a)(7)(D)]
13. It shall not be a defense for a person in an enforcement action, including those listed in Rule 3002(c)(2), that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit, except as provided for in "Emergency Provisions" of this section. [3004(a)(7)(H)]
14. The operator shall not build, erect, install, or use any equipment, the use of which, without resulting in a reduction in the total release of air contaminants to atmosphere, reduces or conceals an emission which would otherwise constitute a violation of Chapter 3 (commencing with Section 41700) of Part 4, of Division 26 of the California Health and Safety Code or of AQMD rules. This rule shall not apply to cases in which the only violation involved is of Section 41700 of the California Health and Safety Code, or Rule 402 of AQMD Rules. [408]
15. Nothing in this permit or in any permit shield can alter or affect:
 - (A) Under Section 303 of the federal Clean Air Act, the provisions for emergency orders;
 - (B) The liability of the operator for any violation of applicable requirements prior to or at the time of permit issuance;
 - (C) The applicable requirements of the Acid Rain Program, Regulation XXXI;
 - (D) The ability of EPA to obtain information from the operator pursuant to Section 114 of the federal Clean Air Act;
 - (E) The applicability of state or local requirements that are not "applicable requirements", as defined in Rule 3000, at the time of permit issuance but which do apply to the facility, such as toxics requirements unique to the State; and
 - (F) The applicability of regulatory requirements with compliance dates after the permit issuance date. [3004(c)(3)]
16. For any portable equipment that requires an AQMD or state permit or registration, excluding a) portable engines, b) military tactical support equipment and c) AQMD-permitted portable equipment that are not a major source, are not located at the facility for more than 12 consecutive months after

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commencing operation, and whose operation does not conflict with the terms or conditions of this Title V permit: 1) the facility operator shall keep a copy of the AQMD or state permit or registration; 2) the equipment operator shall comply with the conditions on the permit or registration and all other regulatory requirements; and 3) the facility operator shall treat the permit or registration as a part of its Title V permit, subject to recordkeeping, reporting and certification requirements. [3004(a)(1)]

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EMERGENCY PROVISIONS

17. An emergency¹ constitutes an affirmative defense to an action brought for non-compliance with a technology-based emission limit only if:
- (A) Properly signed, contemporaneous operating records or other credible evidence demonstrate that:
 - (1) An emergency occurred and the operator can identify the cause(s) of the emergency;
 - (2) The facility was operated properly (i.e. operated and maintained in accordance with the manufacturer's specifications, and in compliance with all regulatory requirements or a compliance plan), before the emergency occurred;
 - (3) The operator took all reasonable steps to minimize levels of emissions that exceeded emissions standard, or other requirements in the permit; and,
 - (4) The operator submitted a written notice of the emergency to the AQMD within two working days of the time when the emissions limitations were exceeded due to the emergency. The notice shall contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken; and
 - (B) The operator complies with the breakdown provisions of Rule 430 - Breakdown Provisions, or subdivision (i) of Rule 2004 - Requirements, whichever is applicable. [3002(g), 430, 2004(i)]
18. The operator is excused from complying with any regulatory requirement that is suspended by the Executive Officer during a state of emergency or state of war emergency, in accordance with Rule 118 - Emergencies. [118]

¹ "Emergency" means any situation arising from sudden and reasonably unforeseeable events beyond the control of the operator, including acts of God, which: (A) requires immediate corrective action to restore normal operation; and (B) causes the facility to exceed a technology-based emission limitation under the permit, due to unavoidable increases in emissions attributable to the emergency; and (C) is not caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.

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RECORDKEEPING PROVISIONS

19. In addition to any other recordkeeping requirements specified elsewhere in this permit, the operator shall keep records of required monitoring information, where applicable, that include:
 - (A) The date, place as defined in the Title V permit, and time of sampling or measurements;
 - (B) The date(s) analyses were performed;
 - (C) The company or entity that performed the analyses;
 - (D) The analytical techniques or methods used;
 - (E) The results of such analyses; and
 - (F) The operating conditions as existing at the time of sampling or measurement. [3004(a)(4)(B)]
20. The operator shall maintain records pursuant to Rule 109 and any applicable material safety data sheet (MSDS) for any equipment claimed to be exempt from a written permit by Rule 219 based on the information in those records. [219(t)]
21. The operator shall keep all records of monitoring data required by this permit or by regulatory requirements for a period of at least five years from the date of the monitoring sample, measurement, report, or application. [3004(a)(4)(E)]

REPORTING PROVISIONS

22. The operator shall comply with the following requirements for prompt reporting of deviations:
 - (A) Breakdowns shall be reported as required by Rule 430 - Breakdown Provisions or subdivision (i) of Rule 2004 - Requirements, whichever is applicable.
 - (B) Other deviations from permit or applicable rule emission limitations, equipment operating conditions, or work practice standards, determined by observation or by any monitoring or testing required by the permit or applicable rules that result in emissions greater than those allowed by the permit or applicable rules shall be reported within 72 hours (unless a shorter reporting period is specified in an applicable State or Federal Regulation) of discovery of the deviation by contacting AQMD enforcement personnel assigned to this facility or otherwise calling (800) CUT-SMOG.

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- (C) A written report of such deviations reported pursuant to (B), and any corrective actions or preventative measures taken, shall be submitted to AQMD, in an AQMD approved format, within 14 days of discovery of the deviation.
 - (D) All other deviations shall be reported with the monitoring report required by condition no. 23. [3004(a)(5)]
23. Unless more frequent reporting of monitoring results are specified in other permit conditions or in regulatory requirements, the operator shall submit reports of any required monitoring to the AQMD at least twice per year. The report shall include a) a statement whether all monitoring required by the permit was conducted; and b) identification of all instances of deviations from permit or regulatory requirements. A report for the first six calendar months of the year is due by August 31 and a report for the last six calendar months of the year is due by February 28. [3004(a)(4)(F)]
24. The operator shall submit to the Executive Officer and to the Environmental Protection Agency (EPA), an annual compliance certification. For RECLAIM facilities, the certification is due when the Annual Permit Emissions Program (APEP) report is due and shall cover the same reporting period. For other facilities, the certification is due on March 1 for the previous calendar year. The certification need not include the period preceding the date the initial Title V permit was issued. Each compliance certification shall include:
- (A) Identification of each permit term or condition that is the basis of the certification;
 - (B) The compliance status during the reporting period;
 - (C) Whether compliance was continuous or intermittent;
 - (D) The method(s) used to determine compliance over the reporting period and currently, and
 - (E) Any other facts specifically required by the Executive Officer to determine compliance.
- The EPA copy of the certification shall be sent to: Director of the Air Division Attn: Air-3 USEPA, Region IX 75 Hawthorne St. San Francisco, CA 94105 [3004(a)(10)(E)]
25. All records, reports, and documents required to be submitted by a Title V operator to AQMD or EPA shall contain a certification of accuracy consistent with Rule 3003(c)(7) by a responsible official (as defined in Rule 3000). [3004(a)(12)]

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PERIODIC MONITORING

26. All periodic monitoring required by this permit pursuant to Rule 3004(a)(4)(c) is based on the requirements and justifications in the AQMD document "Periodic Monitoring Guidelines for Title V Facilities" or in case-by-case determinations documented in the Title V application file. [3004(a)(4)]

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FACILITY RULES

This facility is subject to the following rules and regulations:

With the exception of Rule 402, 473, 477, 1118 and Rules 1401 through 1420, the following rules that are designated as non-federally enforceable are pending EPA approval as part of the state implementation plan. Upon the effective date of that approval, the approved rule(s) will become federally enforceable, and any earlier versions of those rules will no longer be federally enforceable.

| RULE SOURCE | Adopted/Amended Date | FEDERAL Enforceability |
|--|----------------------|---------------------------|
| RULE 104 | 1-9-1976 | Federally enforceable |
| RULE 1105.1 | 11-7-2003 | Federally enforceable |
| RULE 1113 | 11-8-1996 | Federally enforceable |
| RULE 1113 | 6-9-2006 | Non federally enforceable |
| RULE 1118 | 11-4-2005 | Federally enforceable |
| RULE 1122 | 10-1-2004 | Federally enforceable |
| RULE 1123 | 12-7-1990 | Federally enforceable |
| RULE 1140 | 2-1-1980 | Federally enforceable |
| RULE 1140 | 8-2-1985 | Non federally enforceable |
| RULE 1146 | 11-17-2000 | Federally enforceable |
| RULE 1149 | 7-14-1995 | Federally enforceable |
| RULE 1158 | 6-11-1999 | Federally enforceable |
| RULE 1171 | 11-7-2003 | Federally enforceable |
| RULE 1171 | 7-14-2006 | Non federally enforceable |
| RULE 1173 | 5-13-1994 | Federally enforceable |
| RULE 1173 | 6-1-2007 | Non federally enforceable |
| RULE 1176 | 9-13-1996 | Federally enforceable |
| RULE 1178 | 4-7-2006 | Federally enforceable |
| RULE 118 | 12-7-1995 | Non federally enforceable |
| RULE 1301 | 12-7-1995 | Federally enforceable |
| RULE 1303(a)(1)-BACT | 12-6-2002 | Non federally enforceable |
| RULE 1303(a)(1)-BACT | 5-10-1996 | Federally enforceable |
| RULE 1303(b)(2)-Offset | 12-6-2002 | Non federally enforceable |
| RULE 1303(b)(2)-Offset | 5-10-1996 | Federally enforceable |
| RULE 1304(a)-Modeling and Offset Exemption | 6-14-1996 | Federally enforceable |
| RULE 1401 | 3-4-2005 | Non federally enforceable |
| RULE 1404 | 4-6-1990 | Non federally enforceable |
| RULE 1411 | 3-1-1991 | Non federally enforceable |
| RULE 1415 | 10-14-1994 | Non federally enforceable |

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| RULE SOURCE | Adopted/Amended Date | FEDERAL Enforceability |
|-------------------------------------|-----------------------------|-------------------------------|
| RULE 1418 | 9-10-1999 | Non federally enforceable |
| RULE 1470 | 11-3-2005 | Non federally enforceable |
| RULE 2001 | 1-7-2005 | Non federally enforceable |
| RULE 2001 | 5-11-2001 | Federally enforceable |
| RULE 2004 | 4-6-2007 | Non federally enforceable |
| RULE 2004 | 5-11-2001 | Federally enforceable |
| RULE 2005 | 5-6-2005 | Federally enforceable |
| RULE 2011 | 5-6-2005 | Federally enforceable |
| RULE 2012 | 5-6-2005 | Federally enforceable |
| RULE 202 | 5-7-1976 | Federally enforceable |
| RULE 204 | 10-8-1993 | Federally enforceable |
| RULE 217 | 1-5-1990 | Federally enforceable |
| RULE 219 | 7-11-2003 | Non federally enforceable |
| RULE 219 | 9-4-1981 | Federally enforceable |
| RULE 2202 | 2-6-2004 | Non federally enforceable |
| RULE 3002 | 11-14-1997 | Federally enforceable |
| RULE 3003 | 11-14-1997 | Federally enforceable |
| RULE 3003 | 3-16-2001 | Non federally enforceable |
| RULE 3004 | 12-12-1997 | Federally enforceable |
| RULE 3004(a)(10)(C) | 12-12-1997 | Federally enforceable |
| RULE 3004(a)(4)-Periodic Monitoring | 12-12-1997 | Federally enforceable |
| RULE 3005 | 11-14-1997 | Federally enforceable |
| RULE 3005 | 3-16-2001 | Non federally enforceable |
| RULE 3007 | 10-8-1993 | Federally enforceable |
| RULE 304 | 7-9-2004 | Non federally enforceable |
| RULE 401 | 11-9-2001 | Non federally enforceable |
| RULE 401 | 3-2-1984 | Federally enforceable |
| RULE 402 | 5-7-1976 | Non federally enforceable |
| RULE 404 | 2-7-1986 | Federally enforceable |
| RULE 405 | 2-7-1986 | Federally enforceable |
| RULE 407 | 4-2-1982 | Federally enforceable |
| RULE 408 | 5-7-1976 | Federally enforceable |
| RULE 409 | 8-7-1981 | Federally enforceable |
| RULE 430 | 7-12-1996 | Non federally enforceable |
| RULE 431.1 | 6-12-1998 | Federally enforceable |
| RULE 431.2 | 5-4-1990 | Federally enforceable |
| RULE 431.2 | 9-15-2000 | Non federally enforceable |

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| RULE SOURCE | Adopted/Amended Date | FEDERAL Enforceability |
|--|-----------------------------|-------------------------------|
| RULE 461 | 6-3-2005 | Federally enforceable |
| RULE 461, Balance Conditions | 1-9-2004 | Non federally enforceable |
| RULE 461, Phase I EVR Conditions | 1-9-2004 | Non federally enforceable |
| RULE 461_ Universal | 6-3-2005 | Non federally enforceable |
| RULE 462 | 5-14-1999 | Federally enforceable |
| RULE 463 | 5-6-2005 | Federally enforceable |
| RULE 465 | 8-13-1999 | Federally enforceable |
| RULE 468 | 10-8-1976 | Federally enforceable |
| RULE 476 | 10-8-1976 | Federally enforceable |
| 40CFR 60 Subpart A | 4-9-1993 | Federally enforceable |
| 40CFR 60 Subpart Db | 2-27-2006 | Federally enforceable |
| 40CFR 60 Subpart GGG | 6-7-1985 | Federally enforceable |
| 40CFR 60 Subpart J | 10-4-1991 | Federally enforceable |
| 40CFR 60 Subpart K | 5-5-1989 | Federally enforceable |
| 40CFR 60 Subpart Ka | 5-5-1989 | Federally enforceable |
| 40CFR 60 Subpart Kb | 10-15-2003 | Federally enforceable |
| 40CFR 60 Subpart QQQ | 5-5-1989 | Federally enforceable |
| 40CFR 61 Subpart FF | 12-4-2003 | Federally enforceable |
| 40CFR 61 Subpart FF_01 | 12-4-2003 | Federally enforceable |
| 40CFR 63 Subpart CC, #2 | 5-25-2001 | Federally enforceable |
| 40CFR 63 Subpart CC, #3A | 5-25-2001 | Federally enforceable |
| 40CFR 63 Subpart CC, #5A | 5-25-2001 | Federally enforceable |
| 40CFR 63 Subpart CC, #6 | 5-25-2001 | Federally enforceable |
| 40CFR 63 Subpart EEEE | 7-28-2006 | Federally enforceable |
| 40CFR 63 Subpart GGGGG | 11-29-2006 | Federally enforceable |
| 40CFR 63 Subpart UUU | 4-20-2006 | Federally enforceable |
| 40CFR 63 Subpart UUU, #1 | 2-9-2005 | Federally enforceable |
| 40CFR 63 Subpart UUU, #2 | 2-9-2005 | Federally enforceable |
| 40CFR 63 Subpart UUU, #4 | 2-9-2005 | Federally enforceable |
| 40CFR 68 - Accidental Release Prevention | 5-24-1996 | Federally enforceable |
| RULE 701 | 6-13-1997 | Federally enforceable |
| 40CFR 79 | 7-1-1999 | Federally enforceable |
| 40CFR 80 | 7-1-1999 | Federally enforceable |
| 40CFR 82 Subpart B | 7-14-1992 | Federally enforceable |
| 40CFR 82 Subpart F | 5-14-1993 | Federally enforceable |
| CA PRC CEQA | 11-23-1970 | Non federally enforceable |
| CONSENT DECREE VALERO | 6-16-2005 | Federally enforceable |

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| RULE SOURCE | Adopted/Amended Date | FEDERAL Enforceability |
|--------------------|-----------------------------|-------------------------------|
| CCR Title 13 | 9-24-1999 | Non federally enforceable |

**FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)**

**APPENDIX A: NOX AND SOX EMITTING EQUIPMENT EXEMPT FROM WRITTEN
PERMIT PURSUANT TO RULE 219**

1. INTERNAL COMBUSTION ENGINES, DIESEL
2. INTERNAL COMBUSTION ENGINES, EMERGENCY PUMPS, DIESEL

**FACILITY PERMIT TO OPERATE
 ULTRAMAR INC (NSR USE ONLY)**

**APPENDIX B: RULE EMISSION LIMITS
 [RULE 1113 11-8-1996]**

- (1) Except as provided in paragraphs (c)(2), (c)(3), and (c)(4) of Rule 1113, the operator shall not supply, sell, offer for sale, apply, or solicit the application of, any architectural coating which, at the time of sale or manufacture, contains more than 250 grams of VOC per liter of coating (2.08 pounds per gallon), less water, less exempt compounds, and less any colorant added to tint bases, or manufacture, blend, or repackage such a coating for use within the District.
- (2) Except as provided in paragraphs (c)(3) and (c)(4) of Rule 1113, the operator shall not supply, sell, offer for sale, apply, solicit the application of, manufacture, blend, or repackage, for use within the District, any architectural coating listed in the Table of Standards which contains VOC (excluding any colorant added to tint bases) in excess of the corresponding VOC limit specified in the table, after the effective date specified.

TABLE OF STANDARDS

VOC LIMITS

**Grams of VOC Per Liter of Coating,
 Less Water And Less Exempt Compounds**

| COATING | Limit* | Effective Date of Adoption | Effective 1/1/1998 | Effective 1/1/1999 | Effective 7/1/2001 | Effective 1/1/2005 | Effective 7/1/2008 |
|---------------------------------|---------------|-----------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| Bond Breakers | 350 | | | | | | |
| Clear Wood Finishes | | | | | | | |
| Varnish | 350 | | | | | | |
| Sanding Sealers | 350 | | | | | | |
| Lacquer | 680 | | 550 | | | 275 | |
| Concrete-Curing Compounds | 350 | | | | | | |
| Dry-Fog Coatings | 400 | | | | | | |
| Fire-proofing Exterior Coatings | 350 | 450 | | 350 | | | |
| Fire-Retardant Coatings | | | | | | | |
| Clear | 650 | | | | | | |
| Pigmented | 350 | | | | | | |
| Flats | 250 | | | | | | |
| Graphic Arts (Sign) Coatings | 500 | | | | 100 | | 50 |
| Industrial Maintenance | | | | | | | |

**FACILITY PERMIT TO OPERATE
 ULTRAMAR INC (NSR USE ONLY)**

**APPENDIX B: RULE EMISSION LIMITS
 [RULE 1113 11-8-1996]**

| | | | | | | | |
|-----------------------------|-----|-----|--|-----|-----|-----|--|
| Primers and Topcoats | | | | | | | |
| Alkyds | 420 | | | | | | |
| Catalyzed Epoxy | 420 | | | | | | |
| Bituminous Coatings | 420 | | | | | | |
| Materials | | | | | | | |
| Inorganic Polymers | 420 | | | | | | |
| Vinyl Chloride Polymers | 420 | | | | | | |
| Chlorinated Rubber | 420 | | | | | | |
| Acrylic Polymers | 420 | | | | | | |
| Urethane Polymers | 420 | | | | | | |
| Silicones | 420 | | | | | | |
| Unique Vehicles | 420 | | | | | | |
| Japans/Faux Finishing | 350 | 700 | | | 350 | | |
| Coatings | | | | | | | |
| Magnesite Cement Coatings | 600 | | | | 450 | | |
| Mastic Coatings | 300 | | | | | | |
| Metallic Pigmented Coatings | 500 | | | | | | |
| Multi-Color Coatings | 420 | | | 250 | | | |
| Pigmented Lacquer | 680 | | | 550 | | 275 | |
| Pre-Treatment Wash Primers | 780 | | | | | | |
| Primers, Sealers, and | 350 | | | | | | |
| Undercoaters | | | | | | | |
| Quick-Dry Enamels | 400 | | | | | | |
| Roof Coatings | 300 | | | | | | |
| Shellac | | | | | | | |
| Clear | 730 | | | | | | |
| Pigmented | 550 | | | | | | |
| Stains | 350 | | | | | | |
| Swimming Pool Coatings | | | | | | | |
| Repair | 650 | | | | | | |
| Other | 340 | | | | | | |
| Traffic Coatings | 250 | | | 150 | | | |
| Waterproofing Sealers | 400 | | | | | | |
| Wood Preservatives | | | | | | | |
| Below-Ground | 350 | | | | | | |
| Other | 350 | | | | | | |

* The specified limits remain in effect unless revised limits are listed in subsequent columns in the Table of Standards

**FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)**

**APPENDIX B: RULE EMISSION LIMITS
[RULE 1113 11-8-1996]**

TABLE OF STANDARDS (cont.)

VOC LIMITS

Grams of VOC Per Liter of Material

| COATING | Limit |
|--------------------|-------|
| Low-Solids Coating | 120 |

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 6-9-2006]

- (1) Except as provided in paragraphs (c)(2), (c)(3), (c)(4), and specified coatings averaged under (c)(6), no person shall supply, sell, offer for sale, manufacture, blend, or repackage any architectural coating for use in the District which, at the time of sale or manufacture, contains more than 250 grams of VOC per liter of coating (2.08 pounds per gallon), less water, less exempt compounds, and less any colorant added to tint bases, and no person shall apply or solicit the application of any architectural coating within the District that exceeds 250 grams of VOC per liter of coating as calculated in this paragraph.
- (2) Except as provided in paragraphs (c)(3), (c)(4), and designated coatings averaged under (c)(6), no person shall supply, sell, offer for sale, manufacture, blend, or repackage, for use within the District, any architectural coating listed in the Table of Standards which contains VOC (excluding any colorant added to tint bases) in excess of the corresponding VOC limit specified in the table, after the effective date specified, and no person shall apply or solicit the application of any architectural coating within the District that exceeds the VOC limit as specified in this paragraph. No person shall apply or solicit the application within the District of any industrial maintenance coatings for residential use or for use in areas such as office space and meeting rooms of industrial, commercial or institutional facilities not exposed to such extreme environmental conditions described in the definition of industrial maintenance coatings; or of any rust-preventative coating for industrial use, unless such a rust preventative coating complies with the Industrial Maintenance Coating VOC limit specified in the Table of Standards.

**FACILITY PERMIT TO OPERATE
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**APPENDIX B: RULE EMISSION LIMITS
 [RULE 1113 6-9-2006]**

**TABLE OF STANDARDS
 VOC LIMITS**

**Grams of VOC Per Liter of Coating,
 Less Water and Less Exempt Compounds**

| COATING CATEGORY | Ceiling Limit* | Current Limit | Effective Date | | | | | |
|---|----------------|---------------|----------------|--------|--------|--------|--------|--------|
| | | | 1/1/03 | 1/1/04 | 1/1/05 | 7/1/06 | 7/1/07 | 7/1/08 |
| Bond Breakers | 350 | | | | | | | |
| Clear Wood Finishes | 350 | | | | | 275 | | |
| Varnish | 350 | | | | | 275 | | |
| Sanding Sealers | 350 | | | | | 275 | | |
| Lacquer | 680 | 550 | | | 275 | | | |
| Clear Brushing Lacquer | 680 | | | | 275 | | | |
| Concrete-Curing Compounds | 350 | | | | | | 100 | |
| Concrete-Curing Compounds For Roadways and Bridges** | 350 | | | | | | | |
| Dry-Fog Coatings | 400 | | | | | | 150 | |
| Fire-Proofing Exterior Coatings | 450 | 350 | | | | | | |
| Fire-Retardant Coatings*** | | | | | | | | |
| Clear | 650 | | | | | | | |
| Pigmented | 350 | | | | | | | |
| Flats | 250 | 100 | | | | | | 50 |
| Floor Coatings | 420 | | 100 | | | 50 | | |
| Graphic Arts (Sign) Coatings | 500 | | | | | | | |
| Industrial Maintenance (IM) Coatings | 420 | | | 250 | | 100 | | |
| High Temperature IM Coatings | | | 420 | | | | | |
| Zinc-Rich IM Primers | 420 | | 340 | | | 100 | | |
| Japans/Faux Finishing Coatings | 700 | 350 | | | | | | |
| Magnesite Cement Coatings | 600 | 450 | | | | | | |
| Mastic Coatings | 300 | | | | | | | |
| Metallic Pigmented Coatings | 500 | | | | | | | |
| Multi-Color Coatings | 420 | 250 | | | | | | |
| Nonflat Coatings | 250 | | 150 | | | 50 | | |
| Nonflat High Gloss | 250 | | 150 | | | | 50 | |
| Pigmented Lacquer | 680 | 550 | | | 275 | | | |

**FACILITY PERMIT TO OPERATE
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**APPENDIX B: RULE EMISSION LIMITS
 [RULE 1113 6-9-2006]**

| COATING CATEGORY | Ceiling Limit* | Current Limit | Effective Date | | | | | |
|--|----------------|---------------|----------------|--------|--------|--------|--------|--------|
| | | | 1/1/03 | 1/1/04 | 1/1/05 | 7/1/06 | 7/1/07 | 7/1/08 |
| Pre-Treatment Wash Primers | 780 | | 420 | | | | | |
| Primers, Sealers, and Undercoaters | 350 | | 200 | | | 100 | | |
| Quick-Dry Enamels | 400 | | 250 | | | 150 | 50 | |
| Quick-Dry Primers, Sealers, and Undercoaters | 350 | | 200 | | | 100 | | |
| Recycled Coatings | | | 250 | | | | | |
| Roof Coatings | 300 | | 250 | | 50 | | | |
| Roof Coatings, Aluminum | 500 | | | | 100 | | | |
| Roof Primers, Bituminous | 350 | | 350 | | | | | |
| Rust Preventative Coatings | 420 | | 400 | | | 100 | | |
| Shellac | | | | | | | | |
| Clear | 730 | | | | | | | |
| Pigmented | 550 | | | | | | | |
| Specialty Primers | 350 | | | | | 250 | 100 | |
| Stains | 350 | | 250 | | | | 100 | |
| Stains, Interior | 250 | | | | | | | |
| Swimming Pool Coatings | | | | | | | | |
| Repair | 650 | | 340 | | | | | |
| Other | 340 | | | | | | | |
| Traffic Coatings | 250 | 150 | | | | | 100 | |
| Waterproofing Sealers | 400 | | 250 | | | 100 | | |
| Waterproofing Concrete/Masonry Sealers | 400 | | | | | 100 | | |
| Wood Preservatives | | | | | | | | |
| Below-Ground | 350 | | | | | | | |
| Other | 350 | | | | | | | |

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 6-9-2006]

- * The specified limits remain in effect unless revised limits are listed in subsequent columns in the Table of Standards.
- ** Does not include compounds used for curbs and gutters, sidewalks, islands, driveways and other miscellaneous concrete areas.
- *** The Fire-Retardant Coating category will be eliminated on January 1, 2007 and subsumed by the coating category for which they are formulated.

TABLE OF STANDARDS (cont.) VOC LIMITS

Grams of VOC Per Liter of Material

| COATING | Limit |
|--------------------|-------|
| Low-Solids Coating | 120 |

**FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)**

**APPENDIX B: RULE EMISSION LIMITS
[RULE 1140 2-1-1980]**

- (1) The operator shall not, if he complies with an applicable performance standard in section (b)(4) of Rule 1140, discharge into the atmosphere from any abrasive blasting any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:
 - (A) As dark or darker in shade as that designated as No. 2 on the Ringelmann Chart, as published by the United States Bureau of Mines,
or
 - (B) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in (1)(A).
- (2) The operator shall not, if he is not complying with an applicable performance standard in section (b)(4) of Rule 1140, discharge into the atmosphere from any abrasive blasting any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:
 - (A) As dark or darker in shade as that designated as No. 1 on the Ringelmann Chart, as published by the United States Bureau of Mines,
or
 - (B) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in (2)(A).

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

APPENDIX B: RULE EMISSION LIMITS [RULE 1140 8-2-1985]

- (1) The operator shall not, if he complies with an applicable performance standard in section (b)(4) of Rule 1140, discharge into the atmosphere from any abrasive blasting any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:
 - (A) As dark or darker in shade as that designated as No. 2 on the Ringelmann Chart, as published by the United States Bureau of Mines,
or
 - (B) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in (1)(A).

- (2) The operator shall not, if he is not complying with an applicable performance standard in section (b)(4) of Rule 1140, discharge into the atmosphere from any abrasive blasting any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:
 - (A) As dark or darker in shade as that designated as No. 1 on the Ringelmann Chart, as published by the United States Bureau of Mines,
or
 - (B) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in (2)(A).

**FACILITY PERMIT TO OPERATE
 ULTRAMAR INC (NSR USE ONLY)**

**APPENDIX B: RULE EMISSION LIMITS
 [RULE 1171 11-7-2003]**

(1) Solvent Requirements

A person shall not use a solvent to perform solvent cleaning operations unless the solvent complies with the applicable requirements set forth below:

| SOLVENT CLEANING ACTIVITY | CURRENT LIMITS |
|--|------------------------|
| | VOC g/l (lb/gal) |
| (A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application | |
| (i) General | 25 (0.21) |
| (ii) Electrical Apparatus Components & Electronic Components | 500 (4.2) |
| (iii) Medical Devices & Pharmaceuticals | 800 (6.7) |
| (B) Repair and Maintenance Cleaning | |
| (i) General | 25 (0.21) |
| (ii) Electrical Apparatus Components & Electronic Components | 900 (7.5) |
| (iii) Medical Devices & Pharmaceuticals | |
| (A) Tools, Equipment, & Machinery | 800 (6.7) |
| (B) General Work Surfaces | 600 (5.0) |

**FACILITY PERMIT TO OPERATE
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**APPENDIX B: RULE EMISSION LIMITS
 [RULE 1171 11-7-2003]**

| SOLVENT CLEANING ACTIVITY | CURRENT LIMITS |
|---|------------------------|
| | VOC g/l (lb/gal) |
| (C) Cleaning of Coatings or Adhesives Application Equipment | 550 (4.6) |
| (D) Cleaning of Ink Application Equipment | |
| (i) General | 25 (0.21) |
| (ii) Flexographic Printing | 25 (0.21) |
| (iii) Gravure Printing | |
| (A) Publication | 750 (6.3) |
| (B) Packaging | 25 (0.21) |
| (iv) Lithographic or Letter Press Printing | |
| (A) Roller Wash – Step 1 | 600 (5.0) |
| (B) Roller Wash-Step 2, Blanket Wash, & On-Press Components | 800 (6.7) |
| (C) Removable Press Components | 25 (0.21) |
| (v) Screen Printing | 750 (6.3) |
| (vi) Ultraviolet Ink/ Electron Beam Ink Application Equipment (except screen printing) | 800 (6.7) |

**FACILITY PERMIT TO OPERATE
ULTRAMAR INC (NSR USE ONLY)**

**APPENDIX B: RULE EMISSION LIMITS
[RULE 1171 11-7-2003]**

| SOLVENT CLEANING ACTIVITY | CURRENT LIMITS |
|---|------------------------|
| | VOC g/l (lb/gal) |
| (vii) Specialty Flexographic Printing | 600 (5.0) |
| (E) Cleaning of Polyester Resin Application Equipment | 25 (0.21) |

**FACILITY PERMIT TO OPERATE
 ULTRAMAR INC (NSR USE ONLY)**

**APPENDIX B: RULE EMISSION LIMITS
 [RULE 1171 7-14-2006]**

(1) Solvent Requirements

A person shall not use a solvent to perform solvent cleaning operations unless the solvent complies with the applicable requirements set forth below:

| | CURRENT LIMITS* | EFFECTIVE 1/1/2008 |
|--|---------------------------------|---------------------------------|
| SOLVENT CLEANING ACTIVITY | VOC g/l (lb/gal) | VOC g/l (lb/gal) |
| (A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application | | |
| (i) General | 25 (0.21) | |
| (ii) Electrical Apparatus Components & Electronic Components | 100 (0.83) | |
| (iii) Medical Devices & Pharmaceuticals | 800 (6.7) | |
| (B) Repair and Maintenance Cleaning | | |
| (i) General | 25 (0.21) | |
| (ii) Electrical Apparatus Components & Electronic Components | 100 (0.83) | |

**FACILITY PERMIT TO OPERATE
 ULTRAMAR INC (NSR USE ONLY)**

**APPENDIX B: RULE EMISSION LIMITS
 [RULE 1171 7-14-2006]**

| | CURRENT LIMITS* | EFFECTIVE 1/1/2008 |
|---|---------------------------------|---------------------------------|
| SOLVENT CLEANING ACTIVITY (cont.) | VOC g/l (lb/gal) | VOC g/l (lb/gal) |
| (iii) Medical Devices & Pharmaceuticals | | |
| (A) Tools, Equipment, & Machinery | 800 (6.7) | |
| (B) General Work Surfaces | 600 (5.0) | |
| (C) Cleaning of Coatings or Adhesives Application Equipment | 25 (0.21) | |
| (D) Cleaning of Ink Application Equipment | | |
| (i) General | 25 (0.21) | |
| (ii) Flexographic Printing | 25 (0.21) | |
| (iii) Gravure Printing | | |
| (A) Publication | 100 (0.83) | |
| (B) Packaging | 25 (0.21) | |
| (iv) Lithographic (Offset) or Letter Press Printing | | |
| (A) Roller Wash, Blanket Wash, & On-Press Components | | |
| (I) Newsprint | 100 (0.83) | |

**FACILITY PERMIT TO OPERATE
 ULTRAMAR INC (NSR USE ONLY)**

**APPENDIX B: RULE EMISSION LIMITS
 [RULE 1171 7-14-2006]**

| | CURRENT LIMITS* | EFFECTIVE 1/1/2008 |
|--|---------------------------------|---------------------------------|
| SOLVENT CLEANING ACTIVITY (cont.) | VOC g/l (lb/gal) | VOC g/l (lb/gal) |
| (II) Other Substrates | 500 (4.2) | 100 (0.83) |
| (B) Removable Press Components | 25 (0.21) | |
| (v) Screen Printing | 500 (4.2) | 100 (0.83) |
| (vi) Ultraviolet Ink/ Electron Beam Ink Application Equipment (except screen printing) | 650 (5.4) | 100 (0.83) |
| (vii) Specialty Flexographic Printing | 100 (0.83) | |
| (E) Cleaning of Polyester Resin Application Equipment | 25 (0.21) | |

* The specified limits remain in effect unless revised limits are listed in subsequent columns.

**FACILITY PERMIT TO OPERATE
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**APPENDIX B: RULE EMISSION LIMITS
 [RULE 404 2-7-1986]**

The operator shall not discharge into the atmosphere from this equipment, particulate matter in excess of the concentration at standard conditions, shown in Table 404(a).

Where the volume discharged is between figures listed in the Table, the exact concentration permitted to be discharged shall be determined by linear interpolation.

For the purposes of this rule, emissions shall be averaged over one complete cycle of operation or one hour, whichever is the lesser time period.

TABLE 404(a)

| Volume Discharged Calculated as Dry Gas At Standard Conditions | | Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions | | Volume Discharged Calculated as Dry Gas At Standard Conditions | | Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions | |
|--|-----------------------|--|-----------------------|--|-----------------------|--|-----------------------|
| Cubic meters Per Minute | Cubic feet Per Minute | Milligrams per Cubic Meter | Grains per Cubic Foot | Cubic meters Per Minute | Cubic feet Per Minute | Milligrams per Cubic Meter | Grains per Cubic Foot |
| 25 or less | 883 or less | 450 | 0.196 | 900 | 31780 | 118 | 0.0515 |
| 30 | 1059 | 420 | .183 | 1000 | 35310 | 113 | .0493 |
| 35 | 1236 | 397 | .173 | 1100 | 38850 | 109 | .0476 |
| 40 | 1413 | 377 | .165 | 1200 | 42380 | 106 | .0463 |
| 45 | 1589 | 361 | .158 | 1300 | 45910 | 102 | .0445 |
| 50 | 1766 | 347 | .152 | 1400 | 49440 | 100 | .0437 |
| 60 | 2119 | 324 | .141 | 1500 | 52970 | 97 | .0424 |
| 70 | 2472 | 306 | .134 | 1750 | 61800 | 92 | .0402 |

**FACILITY PERMIT TO OPERATE
 ULTRAMAR INC (NSR USE ONLY)**

**APPENDIX B: RULE EMISSION LIMITS
 [RULE 404 2-7-1986]**

| Volume Discharged Calculated as Dry Gas At Standard Conditions | | Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions | | Volume Discharged Calculated as Dry Gas At Standard Conditions | | Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions | |
|--|--------------------------------|--|--------------------------|--|--------------------------------|---|-----------------------------|
| Cubic meters Per Minute | Cubic feet Per Minute | Milligrams per Cubic Meter | Grains per Cubic Foot | Cubic meters Per Minute | Cubic feet Per Minute | Milligrams per Cubic Meter | Grains per Cubic Foot |
| 80 | 2825 | 291 | .127 | 2000 | 70630 | 87 | .0380 |
| 90 | 3178 | 279 | .122 | 2250 | 79460 | 83 | .0362 |
| 100 | 3531 | 267 | .117 | 2500 | 88290 | 80 | .0349 |
| 125 | 4414 | 246 | .107 | 3000 | 105900 | 75 | .0327 |
| 150 | 5297 | 230 | .100 | 4000 | 141300 | 67 | .0293 |
| 175 | 6180 | 217 | .0947 | 5000 | 176600 | 62 | .0271 |
| 200 | 7063 | 206 | .0900 | 6000 | 211900 | 58 | .0253 |
| 250 | 8829 | 190 | .0830 | 8000 | 282500 | 52 | .0227 |
| 300 | 10590 | 177 | .0773 | 10000 | 353100 | 48 | .0210 |
| 350 | 12360 | 167 | .0730 | 15000 | 529700 | 41 | .0179 |
| 400 | 14130 | 159 | .0694 | 20000 | 706300 | 37 | .0162 |
| 450 | 15890 | 152 | .0664 | 25000 | 882900 | 34 | .0148 |
| 500 | 17660 | 146 | .0637 | 30000 | 1059000 | 32 | .0140 |
| 600 | 21190 | 137 | .0598 | 40000 | 1413000 | 28 | .0122 |
| 700 | 24720 | 129 | .0563 | 50000 | 1766000 | 26 | .0114 |
| 800 | 28250 | 123 | .0537 | 70000 or more | 2472000 or more | 23 | .0100 |

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

APPENDIX B: RULE EMISSION LIMITS [RULE 405 2-7-1986]

The operator shall not discharge into the atmosphere from this equipment, solid particulate matter including lead and lead compounds in excess of the rate shown in Table 405(a).

Where the process weight per hour is between figures listed in the table, the exact weight of permitted discharge shall be determined by linear interpolation.

For the purposes of this rule, emissions shall be averaged over one complete cycle of operation or one hour, whichever is the lesser time period.

TABLE 405(a)

| Process Weight Per Hour | | Maximum Discharge Rate Allowed for Solid Particulate Matter (Aggregate Discharged From All Points of Process | | Process Weight Per Hour | | Maximum Discharge Rate Allowed for Solid Particulate Matter (Aggregate Discharged From All points of Process | |
|----------------------------|----------------|--|--------------------|----------------------------|--------|---|--------------------|
| | | Kilograms Per Hour | Pounds Per Hour | | | Kilograms Per Hour | Pounds Per Hour |
| 100 or less | 220 or less | 0.450 | 0.99 | 9000 | 19840 | 5.308 | 11.7 |
| 150 | 331 | 0.585 | 1.29 | 10000 | 22050 | 5.440 | 12.0 |
| 200 | 441 | 0.703 | 1.55 | 12500 | 27560 | 5.732 | 12.6 |
| 250 | 551 | 0.804 | 1.77 | 15000 | 33070 | 5.982 | 13.2 |
| 300 | 661 | 0.897 | 1.98 | 17500 | 38580 | 6.202 | 13.7 |
| 350 | 772 | 0.983 | 2.17 | 20000 | 44090 | 6.399 | 14.1 |
| 400 | 882 | 1.063 | 2.34 | 25000 | 55120 | 6.743 | 14.9 |
| 450 | 992 | 1.138 | 2.51 | 30000 | 66140 | 7.037 | 15.5 |
| 500 | 1102 | 1.209 | 2.67 | 35000 | 77160 | 7.296 | 16.1 |
| 600 | 1323 | 1.340 | 2.95 | 40000 | 88180 | 7.527 | 16.6 |
| 700 | 1543 | 1.461 | 3.22 | 45000 | 99210 | 7.738 | 17.1 |
| 800 | 1764 | 1.573 | 3.47 | 50000 | 110200 | 7.931 | 17.5 |
| 900 | 1984 | 1.678 | 3.70 | 60000 | 132300 | 8.277 | 18.2 |
| 1000 | 2205 | 1.777 | 3.92 | 70000 | 154300 | 8.582 | 18.9 |

**FACILITY PERMIT TO OPERATE
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**APPENDIX B: RULE EMISSION LIMITS
 [RULE 405 2-7-1986]**

| Process Weight Per Hour | | Maximum Discharge Rate Allowed for Solid Particulate Matter (Aggregate Discharged From All Points of Process) | | Process Weight Per Hour | | Maximum Discharge Rate Allowed for Solid Particulate Matter (Aggregate Discharged From All points of Process) | |
|-------------------------|-----------------|---|-----------------|-------------------------|--------------------|---|-----------------|
| Kilograms Per Hour | Pounds Per Hour | Kilograms Per Hour | Pounds Per Hour | Kilograms Per Hour | Pounds Per Hour | Kilograms Per Hour | Pounds Per Hour |
| 1250 | 2756 | 2.003 | 4.42 | 80000 | 176400 | 8.854 | 19.5 |
| 1500 | 3307 | 2.206 | 4.86 | 90000 | 198400 | 9.102 | 20.1 |
| 1750 | 3858 | 2.392 | 5.27 | 100000 | 220500 | 9.329 | 20.6 |
| 2000 | 4409 | 2.563 | 5.65 | 125000 | 275600 | 9.830 | 21.7 |
| 2250 | 4960 | 2.723 | 6.00 | 150000 | 330700 | 10.26 | 22.6 |
| 2500 | 5512 | 2.874 | 6.34 | 175000 | 385800 | 10.64 | 23.5 |
| 2750 | 6063 | 3.016 | 6.65 | 200000 | 440900 | 10.97 | 24.2 |
| 3000 | 6614 | 3.151 | 6.95 | 225000 | 496000 | 11.28 | 24.9 |
| 3250 | 7165 | 3.280 | 7.23 | 250000 | 551200 | 11.56 | 25.5 |
| 3600 | 7716 | 3.404 | 7.50 | 275000 | 606300 | 11.82 | 26.1 |
| 4000 | 8818 | 3.637 | 8.02 | 300000 | 661400 | 12.07 | 26.6 |
| 4500 | 9921 | 3.855 | 8.50 | 325000 | 716500 | 12.30 | 27.1 |
| 5000 | 11020 | 4.059 | 8.95 | 350000 | 771600 | 12.51 | 27.6 |
| 6000 | 13230 | 4.434 | 9.78 | 400000 | 881800 | 12.91 | 28.5 |
| 7000 | 15430 | 4.775 | 10.5 | 450000 | 992100 | 13.27 | 29.3 |
| 8000 | 17640 | 5.089 | 11.2 | 500000 or more | 1102000 or more | 13.60 | 30.0 |

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

APPENDIX B: RULE EMISSION LIMITS [RULE 461, Balance Conditions 1-9-2004]

GASOLINE TRANSFER AND DISPENSING, BALANCE CONDITIONS

1. Depending on the system configuration, a pressure integrity test of the drop tube/drain valve assembly shall be conducted to quantify the pressure integrity of both the drop tube and drain valve seal or a pressure integrity test of the drop tube overfill prevention device and spill container drain valve shall be conducted to quantify the pressure integrity of the drop tube overfill prevention device and the pressure integrity of the spill container drain valve. Either test shall be conducted as a reverification test and the test shall be conducted in accordance with Test Procedure Method TP-201.1C or TP-201.1D, respectively. Results shall be submitted to the AQMD, Office of Engineering and Compliance, within seventy-two (72) hours of test.

The AQMD shall be notified by e-mail at r461testing@aqmd.gov or by facsimile at telephone number (909) 396-3606 at least seventy-two (72) hours prior to testing. Such notification shall include the name of the owner or operator; the name of the contractor; the location of the facility; and the scheduled start and completion dates of either the pressure integrity test of drop tube/drain valve assembly or pressure integrity test of the drop tube overfill prevention device and spill container drain valve.

2. The Phase II vapor recovery system shall be installed, operated, and maintained such that the maximum allowable pressure through the system including nozzle, vapor hose, swivels, and underground piping does not exceed the dynamic back pressures described by the California Air Resources Board Executive Order by which the system was certified:

| Nitrogen Flowrates (CFH) | Dynamic Back Pressure (Inches of Water) |
|-----------------------------|--|
| 60 | 0.35 |
| 80 | 0.62 |

Dynamic back pressure tests shall be conducted to determine the Phase II system vapor recovery back pressures. The tests shall be conducted in accordance with CARB Test Procedure TP-201.4, Methodology 1. Results shall be submitted to the AQMD, Office of Engineering and Compliance, within seventy-two (72) hours of tests.

The AQMD shall be notified by e-mail at r461testing@aqmd.gov or by facsimile at telephone number (909) 396-3606 at least seventy-two (72) hours prior to testing. Such notification shall include the name of the owner or operator; the name of the contractor; the location of the facility; and the scheduled start and completion dates of the dynamic back pressure tests.

**FACILITY PERMIT TO OPERATE
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**APPENDIX B: RULE EMISSION LIMITS
[RULE 461, Balance Conditions 1-9-2004]**

3. If the CARB Executive Order requires the installation of a liquid removal device, a liquid removal rate test shall be conducted to demonstrate the removal of gasoline from the vapor passage of the coaxial hose. The test shall be conducted in accordance with CARB Test Procedure Method TP-201.6. Results shall be submitted to the AQMD, Office of Engineering and Compliance, within seventy-two (72) hours of test.

The AQMD shall be notified by e-mail at r461testing@aqmd.gov or by facsimile at telephone number (909) 396-3606 at least seventy-two (72) hours prior to testing. Such notification shall include the name of the owner or operator; the name of the contractor; the location of the facility; and the scheduled start and completion dates of the liquid removal rate test.

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

APPENDIX B: RULE EMISSION LIMITS [RULE 461, Phase I EVR Conditions 1-9-2004]

GASOLINE TRANSFER AND DISPENSING, PHASE I EVR CONDITIONS

1. At least seventy-two (72) hours prior to back-filling any underground storage tank or piping, the AQMD shall be notified by e-mail at r461backfill@aqmd.gov or by facsimile at telephone number (909) 396-3606. Such notification shall include the name of the owner or operator; the name of the contractors; the location of the facility; and the scheduled start and completion dates of the back-filling procedure. The back-filling procedure shall not commence until inspected by a district representative.

2. Depending on the system configuration, a pressure integrity test of the drop tube/drain valve assembly shall be conducted to quantify the pressure integrity of both the drop tube and drain valve seal or a pressure integrity test of the drop tube overfill prevention device and spill container drain valve shall be conducted to quantify the pressure integrity of the drop tube overfill prevention device and the pressure integrity of the spill container drain valve. Either test shall be conducted as a reverification test and the test shall be conducted in accordance with Test Procedure Method TP-201.1C or TP-201.1D, respectively. Results shall be submitted to the AQMD, Office of Engineering and Compliance, within seventy-two (72) hours of test.

The AQMD shall be notified by e-mail at r461testing@aqmd.gov or by facsimile at telephone number (909) 396-3606 at least seventy-two (72) hours prior to testing. Such notification shall include the name of the owner or operator; the name of the contractor; the location of the facility; and the scheduled start and completion dates of either the pressure integrity test of drop tube/drain valve assembly or pressure integrity test of the drop tube overfill prevention device and spill container drain valve.

3. A leak rate and cracking pressure test of pressure/vacuum relief vent valves shall be conducted within thirty days (30) after the start of operation of the Phase I EVR equipment and at least once every three (3) years thereafter to determine the pressure and vacuum at which the pressure/vacuum vent valve actuates, and to determine the volumetric leak rate at a given pressure. The test shall be conducted in accordance with the Test Procedure Method TP-201.1E. Results shall be submitted to the AQMD, Office of Engineering and Compliance, within seventy-two (72) hours of test. This test result shall be kept on site for three (3) years and made available to District representatives upon request.

The AQMD shall be notified by e-mail at r461testing@aqmd.gov or by facsimile at telephone number (909) 396-3606 at least seventy-two (72) hours prior to testing. Such notification shall include the name of the owner or operator; the name of the contractor; the location of the facility; and the scheduled start and completion dates of the leak rate and cracking pressure test of pressure/vacuum relief vent valves.

**FACILITY PERMIT TO OPERATE
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**APPENDIX B: RULE EMISSION LIMITS
[RULE 461, Phase I EVR Conditions 1-9-2004]**

4. A static torque test of rotatable Phase I adaptors shall be conducted as a reverification test to quantify the amount of static torque required to start the rotation of the rotatable Phase I adaptors. The test shall be conducted in accordance with the test procedure method outlined in TP-201.1B. Results shall be submitted to the AQMD, Office of Engineering and Compliance, within seventy-two (72) hours of test.

The AQMD shall be notified by e-mail at r461testing@aqmd.gov or by facsimile at telephone number (909) 396-3606 at least seventy-two (72) hours prior to testing. Such notification shall include the name of the owner or operator; the name of the contractor; the location of the facility; and the scheduled start and completion dates of the static torque test of rotatable Phase I adaptors.

FACILITY PERMIT TO OPERATE ULTRAMAR INC (NSR USE ONLY)

APPENDIX B: RULE EMISSION LIMITS [RULE 461_ Universal 6-3-2005]

GASOLINE TRANSFER AND DISPENSING, UNIVERSAL CONDITIONS

1. Operation of this equipment shall be in compliance with all data and specifications submitted with the application under which this permit was issued, unless otherwise noted below.
2. This equipment shall be properly maintained and kept in good operating condition at all times.
3. Except for diesel transfers, Phase I vapor recovery systems shall be in full operation whenever fuel is being transferred into storage tanks.
4. Except for diesel transfers, Phase II vapor recovery systems shall be in full operation whenever fuel is being transferred into motor vehicles, as defined in Rule 461.
5. All Phase I and Phase II vapor recovery equipment at this facility shall be installed, operated and maintained to meet all California Air Resources Board certification requirements.
6. Except for HIRT VCS 400-7 equipment, a static pressure leak decay test shall be conducted to demonstrate that the storage tanks, the remote and/or nozzle vapor recovery check valves, associated vapor return piping and fittings are free from vapor leaks. The test shall be conducted in accordance with CARB Test Procedure Method TP-201.3. Results shall be submitted to the AQMD, Office of Engineering and Compliance, within seventy-two (72) hours of test.

The AQMD shall be notified by e-mail at r461testing@aqmd.gov or by facsimile at telephone number (909) 396-3606 at least seventy-two (72) hours prior to testing. Such notification shall include the name of the owner or operator; the name of the contractor; the location of the facility; and the scheduled start and completion dates of the static pressure leak decay test.

7. The testing for the above mentioned tests shall be conducted in accordance with the most recent Rule 461 amendment or CARB Executive Order requirements, whichever is more stringent.
8. All records and test results that are required to be maintained by Rule 461 shall be kept on site and made available to district representatives upon request.