

## FACILITY PERMIT TO OPERATE

**ULTRAMAR INC  
961 LA PALOMA AVE  
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

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## FACILITY PERMIT TO OPERATE ULTRAMAR INC

### SECTION A: FACILITY INFORMATION

**LEGAL OWNER &/OR OPERATOR:** ULTRAMAR INC

**LEGAL OPERATOR (if different than owner):**

**EQUIPMENT LOCATION:** 961 LA PALOMA AVE  
 WILMINGTON, CA 90744

**MAILING ADDRESS:** 2402 EAST ANAHEIM STREET  
 WILMINGTON, CA 90744

**RESPONSIBLE OFFICIAL:** MARK PHAIR

**TITLE:** VICE PRESIDENT AND GENERAL MANAGER

**TELEPHONE NUMBER:** (562) 491-6677

**CONTACT PERSON:** WESLEY WAIDA

**TITLE:** ENVIRONMENTAL MANAGER

**TELEPHONE NUMBER:** (562) 491-6890

**INITIAL TITLE V PERMIT ISSUED:** April 06, 2009

**TITLE V PERMIT EXPIRATION DATE:** April 05, 2014

<b>TITLE V</b>	<b>RECLAIM</b>
<b>YES</b>	<b>NOx:</b> NO <b>SOx:</b> NO <b>CYCLE:</b> 0 <b>ZONE:</b> COASTAL

**FACILITY PERMIT TO OPERATE  
ULTRAMAR INC**

**SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION**

NOT APPLICABLE

**FACILITY PERMIT TO OPERATE  
ULTRAMAR INC**

**SECTION C: FACILITY PLOT PLAN**

(TO BE DEVELOPED)

**FACILITY PERMIT TO OPERATE  
ULTRAMAR INC. MARINE TERMINAL**

**Facility Equipment and Requirements  
(Section D)**

This section consists of a table listing all permitted equipment at the facility, facility wide requirements, all individual Permits to Operate issued to various equipment at the facility, and Rule 219-exempt equipment subject to source-specific requirements. Each permit and Rule 219-exempt equipment will list operating conditions including periodic monitoring requirements, and applicable emission limits and requirements. Also included are the rule origin and authority of each emission limit and permit condition.

## FACILITY PERMIT TO OPERATE ULTRAMAR INC. MARINE TERMINAL

### PERMITTED EQUIPMENT LIST

THE FOLLOWING IS A LIST OF ALL PERMITS TO OPERATE AT THIS FACILITY:

Application Number	Permit to Operate Number	Equipment Description	Page Number
178053	D07205	SOUTH TRUCK LOADING/UNLOADING, CRUDE OIL	4
178055	D07207	TANK TRUCK LOADING/UNLOADING PETROLEUM MIDDLE DISTILLATE	5
328976	F11333	ICE (137 HP) EM FIRE FIGHT - DIESEL	6
328977	F11335	ICE (285 HP) EM FIRE FIGHT - DIESEL	8
430537	G27413	MARINE TERMINAL WASTE GAS COLLECTION SYSTEM/INCINERATION	10
433733	G27412	MARINE BULK LOADING/UNLOADING FACILITY (BERTHS 164-1 AND 164-2)	14
433789	F70668	STORAGE TANK NO. 99-TK-120001 FIXED ROOF W/ INTERNAL FLOATING ROOF	17
433791	F70669	STORAGE TANK NO. 99-TK-120002 FIXED ROOF W/ INTERNAL FLOATING ROOF	19
433792	F70670	STORAGE TANK NO. 99-TK-120003 FIXED ROOF W/ INTERNAL FLOATING ROOF	21
433793	F70671	STORAGE TANK NO. 99-TK-120004 FIXED ROOF W/ INTERNAL FLOATING ROOF	23
433794	F70672	STORAGE TANK NO. 99-TK-42501 FIXED ROOF W/ INTERNAL FLOATING ROOF	25
433795	F70673	STORAGE TANK NO. 99-TK-42502 FIXED ROOF W/ INTERNAL FLOATING ROOF	27
433801	G27414	STORM WATER STORAGE/HOLDING TANK 99-TK-1	29
433802	G27419	STORM WATER STORAGE/HOLDING TANK 99-TK-2	30
443859	G18976	STORAGE TANK NO. 99-TK-67001 DOMED EXT FLOAT ROOF	31
443860	G18977	STORAGE TANK NO. 99-TK-67002 DOMED EXT FLOAT ROOF	33
443861	G18978	STORAGE TANK NO. 99-TK-67003 DOMED EXT FLOAT ROOF	35
443862	G18979	STORAGE TANK NO. 99-TK-67004 DOMED EXT FLOAT ROOF	37
448253	G18980	STORAGE TANK NO. 99-TK-7301 FIXED ROOF W/ INTERNAL FLOATING ROOF	39
448254	G18981	STORAGE TANK NO. 99-TK-7302 FIXED ROOF W/ INTERNAL FLOATING ROOF	41
448255	G18982	STORAGE TANK NO. 99-TK-11001 FIXED ROOF W/ INTERNAL FLOATING ROOF	43
448256	G18983	STORAGE TANK NO. 99-TK-21001 FIXED ROOF W/ INTERNAL FLOATING ROOF	45

**NOTE:** ANY APPLICATIONS THAT ARE STILL BEING PROCESSED AND HAVE NOT BEEN ISSUED PERMITS TO CONSTRUCT OR PERMITS TO OPERATE WILL NOT BE FOUND IN THIS TITLE V PERMIT

## **FACILITY PERMIT TO OPERATE ULTRAMAR INC. MARINE TERMINAL**

### **FACILITY WIDE CONDITION(S)**

**Condition(s):**

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]
  
2. MATERIAL SAFETY DATA SHEETS FOR ALL COATINGS AND SOLVENTS USED AT THIS FACILITY SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.  
[RULE 109, RULE 204]
  
3. THIS FACILITY SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF RULE 431.1 AND RULE 431.2.  
[RULE 431.1, RULE 431.2]
  
4. THIS FACILITY SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF 40CFR63 SUBPART Y (MINOR SOURCE).  
[40CFR63 SUBPART Y (MINOR SOURCE)]
  
5. THIS FACILITY SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF RULE 1173.  
[RULE 1173]

## FACILITY PERMIT TO OPERATE ULTRAMAR INC. MARINE TERMINAL

### PERMIT TO OPERATE

Permit No. D07205  
A/N 178053

#### Equipment Description:

SOUTH TRUCK LOADING/UNLOADING FACILITY CONSISTING OF:

1. ONE 4" LOADING SPOUT.
2. TWO 4" UNLOADING CONNECTIONS.
3. ONE METER, A. O. SMITH
4. LOADING/UNLOADING PUMP, VIKING WITH PACKED GLAND AND 30 HP MOTOR

#### Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THE TOTAL COMBINED LOADING LIMIT FOR EQUIPMENT LOADING ORGANIC LIQUIDS HAVING A VAPOR PRESSURE OF 77.5 MM HG (1.5 PSIA) OR GREATER UNDER ACTUAL LOADING CONDITIONS SHALL NOT EXCEED 19,999 GALLONS PER DAY.  
[RULE 204 462, RULE 1303(b)(2) ~~OFFSET,~~]
4. ~~THIS EQUIPMENT SHALL NOT BE USED FOR LOADING GASOLINE.  
[RULE 1303(b)(2) ~~OFFSET]~~~~

#### Emissions and Requirements:

NONE

## FACILITY PERMIT TO OPERATE ULTRAMAR INC. MARINE TERMINAL

### PERMIT TO OPERATE

Permit No. D07207  
A/N 178055

#### Equipment Description:

TANK TRUCK LOADING/UNLOADING FACILITY (NORTH RACK) CONSISTING OF:

1. FOUR 4" UNLOADING CONNECTIONS.
2. ONE METER, A.O.SMITH.
3. LOADING/UNLOADING PUMP, PEERLESS, CENTRIFUGAL, WITH MECHANICAL SEAL AND A 40 HP MOTOR
4. LOADING/UNLOADING PUMP, INGERSOLL-RAND, CHEMLINER WITH MECHANICAL SEAL AND 40 HP MOTOR (COMMON TO TANK CAR LOADING/UNLOADING FACILITY)

#### Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THE TOTAL COMBINED LOADING LIMIT FOR EQUIPMENT LOADING ORGANIC LIQUIDS HAVING A VAPOR PRESSURE OF 77.5 MM HG (1.5 PSIA) OR GREATER UNDER ACTUAL LOADING CONDITIONS SHALL NOT EXCEED 19,999 GALLONS PER DAY.  
[RULE 204 462, RULE 1303(b)(2) - OFFSET]

#### Emissions and Requirements:

NONE

## FACILITY PERMIT TO OPERATE ULTRAMAR INC. MARINE TERMINAL

### PERMIT TO OPERATE

Permit No. F11333  
A/N 328976

#### Equipment Description:

INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, 99-P-40, DIESEL FUEL, CUMMINS, MODEL NO. V-378-F2, SERIAL NO. 20230035. 137 HP @ 3300 RPM

#### Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THE OPERATOR SHALL LIMIT THE OPERATING TIME TO NO MORE THAN 199 HOURS IN ANY ONE YEAR.  
[RULE 1304(a)(4) - MODELING AND OFFSET EXEMPTION]
4. **OPERATION OF THIS ENGINE FOR MAINTENANCE AND TESTING SHALL NOT EXCEED 20 HOURS EACH CALENDAR YEAR.**  
[RULE 1470]
5. THE OPERATOR SHALL INSTALL AND MAINTAIN A NON-RESETTABLE ELAPSED TIME METER TO ACCURATELY INDICATE THE ELAPSED OPERATING TIME OF THE ENGINE.  
[[RULE 1304(a)(4) - MODELING AND OFFSET EXEMPTION]
6. THE OPERATOR SHALL INSPECT, ADJUST, AND CERTIFY THE IGNITION OR FUEL INJECTION TIMING OF THIS ENGINE A MINIMUM OF ONCE EVERY THREE 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 1303(a)(1) - BACT]
7. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETERS:

THE DATE OF OPERATION, THE ELAPSED TIME IN HOURS AND THE REASONS FOR OPERATION.

[RULE 204]

## FACILITY PERMIT TO OPERATE ULTRAMAR INC. MARINE TERMINAL

**Periodic Monitoring:** NONE

**Emissions and Requirements:**

8. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: RULE 1470

HAP: 40CFR 63SUBPART ZZZZ

## FACILITY PERMIT TO OPERATE ULTRAMAR INC. MARINE TERMINAL

### PERMIT TO OPERATE

Permit No. F11335  
A/N 328977

#### Equipment Description:

INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, 99-P-41, DIESEL FUEL, CUMMINS, MODEL NO. NT-855-F2, SERIAL NO. 10307631, 285 HP @ 1750 RPM, TURBOCHARGED

#### Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THE OPERATOR SHALL LIMIT THE OPERATING TIME TO NO MORE THAN 199 HOURS IN ANY ONE YEAR.  
[RULE 1304(a)(4) - MODELING AND OFFSET EXEMPTION]
4. **OPERATION OF THIS ENGINE FOR MAINTENANCE AND TESTING SHALL NOT EXCEED 20 HOURS EACH CALENDAR YEAR.**  
[RULE 1470]
5. THE OPERATOR SHALL INSTALL AND MAINTAIN A NON-RESETTABLE ELAPSED TIME METER TO ACCURATELY INDICATE THE ELAPSED OPERATING TIME OF THE ENGINE.  
[RULE 1304(a)(4) - MODELING AND OFFSET EXEMPTION]
6. THE OPERATOR SHALL INSPECT, ADJUST, AND CERTIFY THE IGNITION OR FUEL INJECTION TIMING OF THIS ENGINE A MINIMUM OF ONCE EVERY THREE 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 1303(a)(1) - BACT]
7. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETERS:

THE DATE OF OPERATION, THE ELAPSED TIME IN HOURS AND THE REASONS FOR OPERATION.

[RULE 204]

## FACILITY PERMIT TO OPERATE ULTRAMAR INC. MARINE TERMINAL

**Periodic Monitoring:** NONE

**Emissions and Requirements:**

8. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: RULE 1470

HAP: 40CFR 63SUBPART ZZZZ

## FACILITY PERMIT TO OPERATE ULTRAMAR INC. MARINE TERMINAL

### PERMIT TO OPERATE

P/O G27413  
A/N 430537

#### Equipment Description:

##### AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. DETONATION ARRESTOR, DOCK SAFETY UNIT, 99-ME-01 WITH PARTICULATE FILTER 99-F-01 AND DETONATION ARRESTOR A-MV101
2. SUMP, 99-SMP-01, LOW POINT LIQUID COLLECTION
3. KNOCK OUT POT, 99-V-09, HEIGHT: 6FT; DIAMETER: 1 FT 6 IN
4. BLOWER, 99-BL-02, VAPOR SERVICE, 25 HP, 1762 SCFM
5. BLOWER, 99-BL-03, COMBUSTOR AIR, 7.5 HP, 4200 SCFM
6. INCINERATOR, CALLIDUS, MODEL A-MV202, 136 MMBTU/HR WITH ONE BURNER IN PRIMARY STAGE AND FOUR BURNERS IN SECONDARY STAGE, NATURAL GAS FIRED PILOTS AND DETONATION ARRESTOR, COMBUSTOR, MODEL A-MV201

#### Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THIS EQUIPMENT SHALL BE IN FULL OPERATION WHENEVER THE EQUIPMENT IT SERVES IS IN OPERATION.  
[RULE 1142]
4. WHENEVER THE INCINERATOR IS IN OPERATION, THE OPERATOR SHALL LIMIT THE FUEL USAGE TO NO MORE THAN 225 CUBIC FEET PER MINUTE.  
[RULE 1303(b)(2) - OFFSET, 1313(g)-EMISSION LIMITATION]
5. WHENEVER THE INCINERATOR IS IN OPERATION, A NON-RESETTABLE TOTALIZING FUEL FLOW METER SHALL BE INSTALLED AND MAINTAINED TO ACCURATELY INDICATE THE FUEL USAGE BEING SUPPLIED TO THE INCINERATOR.  
[RULE 1303(b)(2) - OFFSET, 1313(g)-EMISSION LIMITATION]

## FACILITY PERMIT TO OPERATE ULTRAMAR INC. MARINE TERMINAL

6. THE OPERATOR SHALL LIMIT THE EXHAUST FLOW TO NO MORE THAN 725 CUBIC FEET PER MINUTE.  
[RULE 1303(b)(2) - OFFSET, 1313(g)-EMISSION LIMITATION]
7. A FLOW METER SHALL BE INSTALLED AND MAINTAINED TO ACCURATELY INDICATE THE FLOW RATE FROM THE VAPOR SERVICE BLOWER.  
[RULE 1303(b)(2) - OFFSET, 1313(g)-EMISSION LIMITATION]

### Periodic Monitoring:

8. WHENEVER THE INCINERATOR IS IN OPERATION, THE TEMPERATURE IN THE FIREBOX SHALL NOT BE LESS THAN 1400 DEGREES FAHRENHEIT.  
[RULE 1303(b)(2) - OFFSET, 1313(g)-EMISSION LIMITATION, RULE 1142, RULE 3004(a)(4) - PERIODIC MONITORING]
9. A CONTINUOUS TEMPERATURE MEASUREMENT AND RECORDING DEVICE SHALL BE INSTALLED AND MAINTAINED TO ACCURATELY INDICATE THE TEMPERATURE IN THE FIREBOX.  
[RULE 1303(b)(2) - OFFSET, 1313(g)-EMISSION LIMITATION, RULE 1142, RULE 3004(a)(4) - PERIODIC MONITORING]
10. A SOURCE TEST SHALL BE PERFORMED ONCE EVERY 60 CALENDAR MONTHS TO DETERMINE THE POUNDS OF VOC EMITTED PER 1000 BARRELS OF ORGANIC LIQUID LOADED.  
[RULE 1142, RULE 3004(a)(4) - PERIODIC MONITORING]
11. THE OPERATOR SHALL OPERATE AND MAINTAIN THIS EQUIPMENT ACCORDING TO THE FOLLOWING REQUIREMENTS:

**THE OPERATOR SHALL OPERATE AND MAINTAIN A TEMPERATURE MEASURING AND RECORDING SYSTEM TO CONTINUOUSLY MEASURE AND RECORD THE COMBUSTION CHAMBER TEMPERATURE PURSUANT TO THE OPERATION AND MAINTENANCE REQUIREMENTS SPECIFIED IN 40 CFR PART 64.7. SUCH A SYSTEM SHALL HAVE AN ACCURACY OF WITHIN 1% OF THE TEMPERATURE BEING MONITORED AND SHALL BE INSPECTED, MAINTAINED, AND CALIBRATED ON AN ANNUAL BASIS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS USING AN APPLICABLE SCAQMD OR EPA APPROVED METHOD.**

**FOR THE PURPOSE OF THIS CONDITION, A DEVIATION SHALL BE DEFINED AS WHEN A COMBUSTION CHAMBER TEMPERATURE OF LESS THAN 1400 DEGREES FAHRENHEIT OCCURS DURING NORMAL OPERATION OF THE EQUIPMENT IT SERVES. THE OPERATOR SHALL REVIEW THE RECORDS OF THE COMBUSTION CHAMBER TEMPERATURE ON A DAILY BASIS TO DETERMINE IF DEVIATION OCCURS OR SHALL INSTALL AN ALARM SYSTEM TO ALERT THE OPERATOR WHEN A DEVIATION OCCURS.**

**WHENEVER A DEVIATION OCCURS, THE OPERATOR SHALL INSPECT THIS EQUIPMENT TO IDENTIFY THE CAUSE OF SUCH A DEVIATION, TAKE IMMEDIATE CORRECTIVE ACTION TO MAINTAIN THE COMBUSTION CHAMBER TEMPERATURE AT OR ABOVE 1400 DEGREES FAHRENHEIT, AND KEEP RECORDS OF THE DURATION AND CAUSE (INCLUDING UNKNOWN CAUSE, IF APPLICABLE) OF THE DEVIATION AND THE CORRECTIVE ACTION TAKEN.**

## **FACILITY PERMIT TO OPERATE ULTRAMAR INC. MARINE TERMINAL**

**ALL DEVIATIONS SHALL BE REPORTED TO THE SCAQMD ON A SEMI-ANNUAL BASIS PURSUANT TO THE REQUIREMENTS SPECIFIED IN 40 CFR PART 64.9 AND CONDITIONS NOS. 22 AND 23 OF SECTION K OF THIS PERMIT. THE SEMI-ANNUAL MONITORING REPORT SHALL INCLUDE THE TOTAL OPERATING TIME OF THIS EQUIPMENT AND THE TOTAL ACCUMULATED DURATION OF ALL DEVIATIONS FOR EACH SEMI-ANNUAL REPORTING PERIOD SPECIFIED IN CONDITION NO. 23 IN SECTION K OF THIS PERMIT.**

**THE OPERATOR SHALL SUBMIT AN APPLICATION WITH A QUALITY IMPROVEMENT PLAN (QIP) IN ACCORDANCE WITH 40 CFR PART 64.8 TO THE AQMD IF AN ACCUMULATION OF DEVIATIONS EXCEEDS 5 PERCENT DURATION OF THIS EQUIPMENT'S TOTAL OPERATING TIME FOR ANY SEMI-ANNUAL REPORTING PERIOD SPECIFIED IN CONDITION NO. 23 IN SECTION K OF THIS PERMIT. THE REQUIRED QIP SHALL BE SUBMITTED TO THE SCAQMD WITHIN 90 CALENDAR DAYS AFTER THE DUE DATE FOR THE SEMI-ANNUAL MONITORING REPORT.**

**THE OPERATOR SHALL INSPECT AND MAINTAIN ALL COMPONENTS OF THIS EQUIPMENT ON AN ANNUAL BASIS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.**

**THE OPERATOR SHALL KEEP ADEQUATE RECORDS IN A FORMAT THAT IS ACCEPTABLE TO THE SCAQMD TO DEMONSTRATE COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS SPECIFIED IN THIS CONDITION AND 40CFR PART 64.9 FOR A MINIMUM OF FIVE YEARS.**

**[RULE 1303(a)(1) BACT, 3004(a)(4) PERIODIC MONITORING, 40CFR PART 64]**

12. 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 DAILY BASIS, WHENEVER FUEL IS BURNED. THE ROUTINE DAILY 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 SCAQMD.

**THE OPERATOR SHALL KEEP THE RECORDS IN ACCORDANCE WITH THE RECORDKEEPING REQUIREMENTS IN SECTION K OF THIS PERMIT AND THE FOLLOWING RECORDS:**

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- 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 401]

### **Emissions and Requirements:**

13. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATION:

VOC: 2 LBS VOC PER 1000 BARRELS ORGANIC LIQUID LOADED OR  $\geq$ 95% REMOVAL EFFICIENCY, RULE 1142  
CO: 2000 PPMV, RULE 407  
PM: 0.1 GR/SCF, RULE 409  
PM: RULE 404 (SEE APPENDIX B FOR EMISSION LIMITS)  
SOX: 500 PPMV, RULE 407

## FACILITY PERMIT TO OPERATE ULTRAMAR INC. MARINE TERMINAL

### PERMIT TO OPERATE

P/O G27412  
A/N 433733

#### Equipment Description:

MARINE TERMINAL BULK LOADING/UNLOADING FACILITY CONSISTING OF:

1. LOADING/UNLOADING ARM, HARBOR BERTH 164-1, ONE WITH FOUR 8 INCH PIPELINE RISERS, WITH GATE VALVE, FLANGES AND FLEXIBLE HOSES CONNECTING TO SHIP MANIFOLDS.
2. LOADING/UNLOADING ARM, HARBOR BERTH 164-2, ONE WITH SIX 8 INCH PIPELINE RISERS, EACH EQUIPPED WITH GATE VALVE, FLANGES AND FLEXIBLE HOSES CONNECTING TO SHIP MANIFOLDS.
3. ONE LOADING/UNLOADING ARM AT HARBOR BERTH 163, WITH SIX 8 INCH PIPELINE RISERS, EQUIPPED WITH GATE VALVE, FLANGES AND FLEXIBLE HOSES CONNECTING TO SHIP MANIFOLDS.
4. COLLECTION SUMP, 4'-0" W. X 4'-0" L. X 6'-0" D.
5. TWO LOADING PUMPS NOS. 99-P-2 AND 99-P-3, EACH CENTRIFUGAL TYPE, WITH MECHANICAL SEALS AND A 250 HP MOTOR
6. LOADING PUMP NO. 99-P-4, POSITIVE DISPLACEMENT TYPE, WITH PACKING GLAND AND A 125 HP MOTOR
7. LOADING PUMP NO. 99-P-14, CENTRIFUGAL TYPE, WITH MECHANICAL SEALS AND A 150 HP MOTOR.
8. TRANSFER PUMP, 99-P-15, WITH MECHANICAL SEALS AND A 200 HP MOTOR
9. LOADING PUMP NO. 99-P-1, CENTRIFUGAL TYPE, WITH MECHANICAL SEALS AND A 200 HP MOTOR
10. TWO LOADING PUMPS NOS. 99-P-21 AND 99-P-22, EACH CENTRIFUGAL TYPE, WITH MECHANICAL SEALS AND A 300 HP MOTOR
11. TRANSFER LINE DRAIN PUMP NO. 99-P-6, POSITIVE DISPLACEMENT TYPE, WITH A PACKING GLAND AND A 15 HP MOTOR.

#### Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]

## FACILITY PERMIT TO OPERATE ULTRAMAR INC. MARINE TERMINAL

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. **DURING MARINE VESSEL LOADING OPERATIONS, THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED TO AN AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A VALID PERMIT BY THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT.**  
[RULE 1142, RULE 1303(b)(2) - OFFSET, **1313(g)-EMISSION LIMITATION**]
4. THE OPERATOR SHALL ONLY USE THE FOLLOWING MATERIALS IN THE MARINE LOADING/UNLOADING FACILITY:  
  
GAS OIL, DECANT OIL, DIESEL OIL, AND LIGHT CYCLE OIL, EACH WITH A TRUE VAPOR PRESSURE OF 0.4 PSIA OR LESS UNDER ACTUAL; OPERATING CONDITIONS DURING LOADING OPERATION.  
[RULE 1303(b)(2) - OFFSET, RULE 1401, RULE 431.1]
5. THE OPERATOR SHALL LIMIT THE THROUGHPUT FROM BOTH BARGE AND SHIP LOADING TO 300,000 BARRELS IN ANY ONE CALENDAR MONTH.  
[RULE 1303(b)(2) - OFFSET, **1313(g)-EMISSION LIMITATION**]
6. A FLOW METER SHALL BE INSTALLED AND MAINTAINED TO ACCURATELY INDICATE THE THROUGHPUT FOR BOTH BARGE AND/OR SHIP LOADING.  
[RULE 204, RULE 1303(b)(2) - OFFSET, **1313(g)-EMISSION LIMITATION**]
7. THE OPERATOR SHALL LIMIT THE NUMBER OF SHIPS LOADED TO NO MORE THAN NINE (9) IN ANY ONE CALENDAR YEAR.  
[RULE 1303(b)(2) - OFFSET, **1313(g)-EMISSION LIMITATION**]
8. THE OPERATOR SHALL LIMIT THE NUMBER OF BARGES LOADED TO NO MORE THAN TEN (10) IN ANY ONE CALENDAR MONTH.  
[RULE 1303(b)(2) - OFFSET, **1313(g)-EMISSION LIMITATION**]
9. THE OPERATOR SHALL LIMIT THE TOTAL COMBINED FLOW RATE FROM ALL LOADING ARMS IN SIMULTANEOUS OPERATION WHILE LOADING PRODUCT INTO A MARINE VESSEL TO NO MORE THAN 3740 GALLONS PER MINUTE. THE PURPOSE OF THIS CONDITION IS TO ENSURE THAT THE VENT GAS DISPLACEMENT RATE DOES NOT EXCEED 500 CUBIC FEET PER MINUTE.  
[RULE 1303(b)(2) - OFFSET, **1313(g)-EMISSION LIMITATION**]

**Periodic Monitoring:** NONE

## FACILITY PERMIT TO OPERATE ULTRAMAR INC. MARINE TERMINAL

### Emissions and Requirements:

10. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATION:

VOC: 2 LBS VOC PER 1000 BARRELS LIQUID LOADED OR  $\geq$ 95% REMOVAL EFFICIENCY,  
RULE 1142

VOC: 15.8 LB/DAY, 30-DAY AVERAGE, LOADING OPERATIONS, RULE 1303(b)(2)-OFFSETS  
**1306(g) – MOBILE SOURCE, 1313(g) - EMISSION LIMITATION**

VOC: 2.0 LB/DAY, 30-DAY AVERAGE, SHIP/BARGE, RULE 1303(b)(2)-OFFSETS  
**1306(g) – MOBILE SOURCE, 1313(g) - EMISSION LIMITATION**

NOX: 87.4 LB/DAY, 30-DAY AVERAGE, SHIP/BARGE, RULE 1303(b)(2)-OFFSETS  
**1306(g) – MOBILE SOURCE, 1313(g) - EMISSION LIMITATION**

CO: 27.3 LB/DAY, 30-DAY AVERAGE, SHIP/BARGE, RULE 1303(b)(2)-OFFSETS  
**1306(g) – MOBILE SOURCE, 1313(g) - EMISSION LIMITATION**

PM10: 9.0 LB/DAY, 30-DAY AVERAGE, SHIP/BARGE, RULE 1303(b)(2)-OFFSETS  
**1306(g) – MOBILE SOURCE, 1313(g) - EMISSION LIMITATION**

## FACILITY PERMIT TO OPERATE ULTRAMAR INC. MARINE TERMINAL

### PERMIT TO OPERATE

Permit No. F70668  
A/N 433789

**Equipment Description:**

STORAGE TANK, INTERNAL FLOATING ROOF, NO 99-TK-120001, WELDED SHELL, 120,000 BBL, 134'-0" DIA. X 50'-0" H., WITH FLOATING ROOF, PONTOON, WITH METALLIC SHOE-TYPE PRIMARY SEAL

**Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION BEING MONITORED, AS INDICATED BELOW, DOES NOT EXCEED 50 PERCENT OF THE LOWER EXPLOSIVE LIMIT. THE OPERATOR SHALL USE AN EXPLOSIMETER TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF TWICE A YEAR AT A 4 TO 8 MONTH INTERVAL TO ENSURE COMPLIANCE WITH THIS CONDITION.  
[RULE 463, RULE 1178]
4. THE OPERATOR SHALL KEEP RECORDS, IN MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):  
  
TYPE OF LIQUID STORED, THROUGHPUT, AND TRUE VAPOR PRESSURE OF LIQUIDS UNDER ACTUAL STORAGE CONDITIONS.  
[RULE 463, 40 CFR 60 SUBPART K]

**Periodic Monitoring:** NONE

## FACILITY PERMIT TO OPERATE ULTRAMAR INC. MARINE TERMINAL

### Emissions and Requirements:

5. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC/TOC: 40 CFR 60 SUBPART K  
VOC: RULE 463  
VOC: RULE 1149  
VOC: RULE 1178

## FACILITY PERMIT TO OPERATE ULTRAMAR INC. MARINE TERMINAL

### PERMIT TO OPERATE

Permit No. F70669  
A/N 433791

**Equipment Description:**

STORAGE TANK, INTERNAL FLOATING ROOF, NO. 99-TK-120002, WELDED SHELL, 120,000 BBL; 134'-0" DIA. X 50'-0" H., WITH FLOATING ROOF, PONTOON, WITH A METALLIC SHOE-TYPE PRIMARY SEAL AND A WIPER TYPE SECONDARY SEAL

**Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION BEING MONITORED, AS INDICATED BELOW, DOES NOT EXCEED 50 PERCENT OF THE LOWER EXPLOSIVE LIMIT. THE OPERATOR SHALL USE AN EXPLOSIMETER TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF TWICE A YEAR AT A 4 TO 8 MONTH INTERVAL TO ENSURE COMPLIANCE WITH THIS CONDITION.  
[RULE 463, RULE 1178]
4. THE OPERATOR SHALL KEEP RECORDS, IN MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):  
  
TYPE OF LIQUID STORED, THROUGHPUT, AND TRUE VAPOR PRESSURE OF LIQUIDS UNDER ACTUAL STORAGE CONDITIONS.  
[RULE 463, 40 CFR 60 SUBPART K]

**Periodic Monitoring:** NONE

## FACILITY PERMIT TO OPERATE ULTRAMAR INC. MARINE TERMINAL

### Emissions and Requirements:

5. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC/TOC: 40 CFR 60 SUBPART K  
VOC: RULE 463  
VOC: RULE 1149  
VOC: RULE 1178

## FACILITY PERMIT TO OPERATE ULTRAMAR INC. MARINE TERMINAL

### PERMIT TO OPERATE

Permit No. F70670  
A/N 433792

**Equipment Description:**

STORAGE TANK, INTERNAL FLOATING ROOF, NO 99-TK-120003, WELDED SHELL, 120,000 BBL, 134'-0" DIA. X 50'-0" H., WITH FLOATING ROOF, PONTOON, WITH A METALLIC SHOE-TYPE PRIMARY SEAL

**Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION BEING MONITORED, AS INDICATED BELOW, DOES NOT EXCEED 50 PERCENT OF THE LOWER EXPLOSIVE LIMIT. THE OPERATOR SHALL USE AN EXPLOSIMETER TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF TWICE A YEAR AT A 4 TO 8 MONTH INTERVAL TO ENSURE COMPLIANCE WITH THIS CONDITION.  
[RULE 463, RULE 1178]
4. THE OPERATOR SHALL KEEP RECORDS, IN MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):  
  
TYPE OF LIQUID STORED, THROUGHPUT, AND TRUE VAPOR PRESSURE OF LIQUIDS UNDER ACTUAL STORAGE CONDITIONS.  
[RULE 463, 40 CFR 60 SUBPART K]

**Periodic Monitoring:** NONE

## FACILITY PERMIT TO OPERATE ULTRAMAR INC. MARINE TERMINAL

### Emissions and Requirements:

5. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC/TOC: 40 CFR 60, SUBPART K  
VOC: RULE 463  
VOC: RULE 1149  
VOC: RULE 1178

## FACILITY PERMIT TO OPERATE ULTRAMAR INC. MARINE TERMINAL

### PERMIT TO OPERATE

Permit No. F70671  
A/N 433793

**Equipment Description:**

STORAGE TANK, INTERNAL FLOATING ROOF, NO 99-TK-120004, WELDED SHELL, 120,000 BBL, 134'-0" DIA. X 50'-0" H., WITH FLOATING ROOF, PONTOON, WITH A METALLIC SHOE-TYPE PRIMARY SEAL

**Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION BEING MONITORED, AS INDICATED BELOW, DOES NOT EXCEED 50 PERCENT OF THE LOWER EXPLOSIVE LIMIT. THE OPERATOR SHALL USE AN EXPLOSIMETER TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF TWICE A YEAR AT A 4 TO 8 MONTH INTERVAL TO ENSURE COMPLIANCE WITH THIS CONDITION.  
[RULE 463, RULE 1178]
4. THE OPERATOR SHALL KEEP RECORDS, IN MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):  
  
TYPE OF LIQUID STORED, THROUGHPUT, AND TRUE VAPOR PRESSURE OF LIQUIDS UNDER ACTUAL STORAGE CONDITIONS.  
[RULE 463, 40 CFR 60 SUBPART K]

**Periodic Monitoring:** NONE

## FACILITY PERMIT TO OPERATE ULTRAMAR INC. MARINE TERMINAL

### Emissions and Requirements:

5. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC/TOC: 40 CFR 60 SUBPART K  
VOC: RULE 463  
VOC: RULE 1149  
VOC: RULE 1178

## FACILITY PERMIT TO OPERATE ULTRAMAR INC. MARINE TERMINAL

### PERMIT TO OPERATE

Permit No. F70672  
A/N 433794

**Equipment Description:**

STORAGE TANK, INTERNAL FLOATING ROOF, NO 99-TK-42501, WELDED SHELL, 42,500 BBL, 80'-0" DIA. X 50'-0" H., WITH FLOATING ROOF, PONTOON, WITH A METALLIC SHOE-TYPE PRIMARY SEAL

**Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION BEING MONITORED, AS INDICATED BELOW, DOES NOT EXCEED 50 PERCENT OF THE LOWER EXPLOSIVE LIMIT. THE OPERATOR SHALL USE AN EXPLOSIMETER TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF TWICE A YEAR AT A 4 TO 8 MONTH INTERVAL TO ENSURE COMPLIANCE WITH THIS CONDITION.  
[RULE 463, RULE 1178]
4. THE OPERATOR SHALL KEEP RECORDS, IN MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):  
  
TYPE OF LIQUID STORED, THROUGHPUT, AND TRUE VAPOR PRESSURE OF LIQUIDS UNDER ACTUAL STORAGE CONDITIONS.  
[RULE 463, 40 CFR 60 SUBPART K]

**Periodic Monitoring:** NONE

## FACILITY PERMIT TO OPERATE ULTRAMAR INC. MARINE TERMINAL

### Emissions and Requirements:

5. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC/TOC: 40 CFR 60 SUBPART K  
VOC: RULE 463  
VOC: RULE 1149  
VOC: RULE 1178

## FACILITY PERMIT TO OPERATE ULTRAMAR INC. MARINE TERMINAL

### PERMIT TO OPERATE

Permit No. F70673  
A/N 433795

**Equipment Description:**

STORAGE TANK, INTERNAL FLOATING ROOF, NO. 99-TK-42502, WELDED SHELL, 42,500 BBL; 80'-0" DIA. X 50'-0" H., WITH FLOATING ROOF, PONTOON, WITH METALLIC SHOE-TYPE PRIMARY SEAL

**Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION BEING MONITORED, AS INDICATED BELOW, DOES NOT EXCEED 50 PERCENT OF THE LOWER EXPLOSIVE LIMIT. THE OPERATOR SHALL USE AN EXPLOSIMETER TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF TWICE A YEAR AT A 4 TO 8 MONTH INTERVAL TO ENSURE COMPLIANCE WITH THIS CONDITION.  
[RULE 463, RULE 1178]
4. THE OPERATOR SHALL KEEP RECORDS, IN MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):  
  
TYPE OF LIQUID STORED, THROUGHPUT, AND TRUE VAPOR PRESSURE OF LIQUIDS UNDER ACTUAL STORAGE CONDITIONS.  
[RULE 463, 40 CFR 60 SUBPART K]

**Periodic Monitoring:** NONE

## FACILITY PERMIT TO OPERATE ULTRAMAR INC. MARINE TERMINAL

### Emissions and Requirements:

5. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC/TOC: 40 CFR 60 SUBPART K  
VOC: RULE 463  
VOC: RULE 1149  
VOC: RULE 1178

## FACILITY PERMIT TO OPERATE ULTRAMAR INC. MARINE TERMINAL

### PERMIT TO OPERATE

Permit No. G27414  
A/N 433801

**Equipment Description:**

STORM WATER STORAGE/HOLDING TANK, NO. 99-TK-1, 19,800 GALLONS, 11'-3" DIA. X 26'-9" H.

**Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THE OPERATOR SHALL LIMIT THE LOADING RATE OF STORM WATER TO NO MORE THAN 600,000 GALLONS PER CALENDAR MONTH.  
[RULE 1303(b)(2)-OFFSET, 1313(g)-EMISSION LIMITATION]

**Periodic Monitoring:** NONE

**Emissions and Requirements:**

4. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: RULE 464

# FACILITY PERMIT TO OPERATE ULTRAMAR INC. MARINE TERMINAL

## PERMIT TO OPERATE

Permit No. G27419  
A/N 433802

### Equipment Description:

STORM WATER STORAGE/HOLDING TANK, NO. 99-TK-2, 19,800 GALLONS, 11'-3" DIA. X 26'-9" H.

### Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THE OPERATOR SHALL LIMIT THE LOADING RATE OF STORM WATER TO NO MORE THAN 600,000 GALLONS PER CALENDAR MONTH.  
[RULE 1303(b)(2)-OFFSET, 1313(g)-EMISSION LIMITATION]

Periodic Monitoring: NONE

### Emissions and Requirements:

4. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: RULE 464

## FACILITY PERMIT TO OPERATE ULTRAMAR INC. MARINE TERMINAL

### PERMIT TO OPERATE

Permit No. G18976  
A/N 443859

#### Equipment Description:

TANK NO. 99-TK-67001, DOMED EXTERNAL FLOATING ROOF, CAPACITY 67,000 BARRELS, 100'-0" DIA X 48'-0" H, PONTOON, WELDED SHELL, WITH MECHANICAL SHOE PRIMARY SEAL, WIPER TYPE SECONDARY SEAL, AND A GEODESIC DOME COVER.

#### Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE FLOATING ROOF DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT (LEL). AN EXPLOSIMETER SHALL BE USED TO MONITOR THE HYDROCARBON CONCENTRATION TWICE PER YEAR AT 4 TO 8 MONTH INTERVALS. ADEQUATE RECORDS SHALL BE KEPT TO SHOW COMPLIANCE WITH THIS CONDITION.  
[RULE 463, 1178]
4. THE OPERATOR SHALL LIMIT THE USE AND THROUGHPUT TO NO MORE THAN 2,037,917 BARRELS PER CALENDAR MONTH OF ORGANIC LIQUIDS NOT TO EXCEED A TRUE VAPOR PRESSURE OF 11 PSIA UNDER ACTUAL STORAGE CONDITIONS.  
[RULE 1303(b)(2)-OFFSETS, 1313(g)-EMISSION LIMITATION]
5. THE OPERATOR SHALL KEEP RECORDS, IN MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):  
  
TYPE OF LIQUID STORED, THROUGHPUT, AND TRUE VAPOR PRESSURE OF LIQUIDS UNDER ACTUAL STORAGE CONDITIONS.  
[RULE 463]

Periodic Monitoring: NONE

Emissions and Requirements:

## FACILITY PERMIT TO OPERATE ULTRAMAR INC. MARINE TERMINAL

6. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: RULE 463  
VOC: RULE 1149  
VOC: RULE 1178

## FACILITY PERMIT TO OPERATE ULTRAMAR INC. MARINE TERMINAL

### PERMIT TO OPERATE

Permit No. G18977  
A/N 443860

#### Equipment Description:

TANK NO. 99-TK-67002, DOMED EXTERNAL FLOATING ROOF, CAPACITY 67,000 BARRELS, 100'-0" DIA X 48'-0" H, PONTOON, WELDED SHELL, WITH MECHANICAL SHOE PRIMARY SEAL, WIPER TYPE SECONDARY SEAL AND A GEODESIC DOME COVER.

#### Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE FLOATING ROOF DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT (LEL). AN EXPLOSIMETER SHALL BE USED TO MONITOR THE HYDROCARBON CONCENTRATION TWICE PER YEAR AT 4 TO 8 MONTH INTERVALS. ADEQUATE RECORDS SHALL BE KEPT TO SHOW COMPLIANCE WITH THIS CONDITION.  
[RULE 463, 1178]
4. THE OPERATOR SHALL LIMIT THE USE AND THROUGHPUT TO NO MORE THAN 2,037,917 BARRELS PER CALENDAR MONTH OF ORGANIC LIQUIDS NOT TO EXCEED A TRUE VAPOR PRESSURE OF 11 PSIA UNDER ACTUAL STORAGE CONDITIONS.  
[RULE 1303(b)(2)-OFFSETS, 1313(g)-EMISSION LIMITATION]
5. THE OPERATOR SHALL KEEP RECORDS, IN MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):  
  
TYPE OF LIQUID STORED, THROUGHPUT, AND TRUE VAPOR PRESSURE OF LIQUIDS UNDER ACTUAL STORAGE CONDITIONS.  
[RULE 463]

Periodic Monitoring: NONE

## FACILITY PERMIT TO OPERATE ULTRAMAR INC. MARINE TERMINAL

### Emissions and Requirements:

6. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC:	RULE 463
VOC:	RULE 1149
VOC:	RULE 1178

## FACILITY PERMIT TO OPERATE ULTRAMAR INC. MARINE TERMINAL

### PERMIT TO OPERATE

Permit No. G18978  
A/N 443861

#### Equipment Description:

TANK NO. 99-TK-67003, DOMED EXTERNAL FLOATING ROOF, CAPACITY 67,000 BARRELS, 100'-0" DIA X 48'-0" H, PONTOON, WELDED SHELL, WITH MECHANICAL SHOE PRIMARY SEAL, WIPER TYPE SECONDARY SEAL AND A GEODESIC DOME COVER.

#### Conditions:

4. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE FLOATING ROOF DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT (LEL). AN EXPLOSIMETER SHALL BE USED TO MONITOR THE HYDROCARBON CONCENTRATION TWICE PER YEAR AT 4 TO 8 MONTH INTERVALS. ADEQUATE RECORDS SHALL BE KEPT TO SHOW COMPLIANCE WITH THIS CONDITION.  
[RULE 463, 1178]
4. THE OPERATOR SHALL LIMIT THE USE AND THROUGHPUT TO NO MORE THAN 2,037,917 BARRELS PER CALENDAR MONTH OF ORGANIC LIQUIDS NOT TO EXCEED A TRUE VAPOR PRESSURE OF 11 PSIA UNDER ACTUAL STORAGE CONDITIONS.  
[RULE 1303(b)(2)-OFFSETS, 1313(g)-EMISSION LIMITATION]
5. THE OPERATOR SHALL KEEP RECORDS, IN MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):  
  
TYPE OF LIQUID STORED, THROUGHPUT, AND TRUE VAPOR PRESSURE OF LIQUIDS UNDER ACTUAL STORAGE CONDITIONS.  
[RULE 463]

Periodic Monitoring: NONE

## FACILITY PERMIT TO OPERATE ULTRAMAR INC. MARINE TERMINAL

### Emissions and Requirements:

6. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC:	RULE 463
VOC:	RULE 1149
VOC:	RULE 1178

## FACILITY PERMIT TO OPERATE ULTRAMAR INC. MARINE TERMINAL

### PERMIT TO OPERATE

Permit No. G18979  
A/N 443862

#### Equipment Description:

TANK NO. 99-TK-67004, DOMED EXTERNAL FLOATING ROOF, CAPACITY 67,000 BARRELS, 100'-0"DIA X 48'-0"H, PONTOON, WELDED SHELL, WITH MECHANICAL SHOE PRIMARY SEAL, WIPER TYPE SECONDARY SEAL AND A GEODESIC DOME COVER.

#### Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE FLOATING ROOF DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT (LEL). AN EXPLOSIMETER SHALL BE USED TO MONITOR THE HYDROCARBON CONCENTRATION TWICE PER YEAR AT 4 TO 8 MONTH INTERVALS. ADEQUATE RECORDS SHALL BE KEPT TO SHOW COMPLIANCE WITH THIS CONDITION.  
[RULE 463, 1178]
4. THE OPERATOR SHALL LIMIT THE USE AND THROUGHPUT TO NO MORE THAN 2,037,917 BARRELS PER CALENDAR MONTH OF ORGANIC LIQUIDS NOT TO EXCEED A TRUE VAPOR PRESSURE OF 11 PSIA UNDER ACTUAL STORAGE CONDITIONS.  
[RULE 1303(b)(2)-OFFSETS, 1313(g)-EMISSION LIMITATION]
5. THE OPERATOR SHALL KEEP RECORDS, IN MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):  
  
TYPE OF LIQUID STORED, THROUGHPUT, AND TRUE VAPOR PRESSURE OF LIQUIDS UNDER ACTUAL STORAGE CONDITIONS.  
[RULE 463]

Periodic Monitoring: NONE

## FACILITY PERMIT TO OPERATE ULTRAMAR INC. MARINE TERMINAL

### Emissions and Requirements:

6. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: RULE 463  
VOC: RULE 1149  
VOC: RULE 1178

## FACILITY PERMIT TO OPERATE ULTRAMAR INC. MARINE TERMINAL

### PERMIT TO OPERATE

Permit No. G18980  
A/N 448253

**Equipment Description:**

TANK NO. 99-TK-7301, INTERNAL FLOATING ROOF, CAPACITY 7300 BARRELS, 36'-0" DIA X 41'-0" H, WELDED SHELL, WITH MECHANICAL SHOE TYPE PRIMARY SEAL

**Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. 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 (LEL). AN EXPLOSIMETER SHALL BE USED TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF TWICE PER YEAR AT A 4 TO 8 MONTHS INTERVAL. ADEQUATE RECORDS SHALL BE KEPT TO SHOW COMPLIANCE WITH THIS CONDITION.  
[RULE 463, 1178]
4. THE OPERATOR SHALL LIMIT THE USE AND THROUGHPUT TO NO MORE THAN 222,042 BARRELS PER CALENDAR MONTH OF ORGANIC LIQUIDS NOT TO EXCEED A TRUE VAPOR PRESSURE OF 11 PSIA UNDER ACTUAL STORAGE CONDITIONS.  
[RULE 1303(b)(2)-OFFSETS, 1313(g)-EMISSION LIMITATION]
5. THE OPERATOR SHALL KEEP RECORDS, IN MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):  
  
TYPE OF LIQUID STORED, THROUGHPUT, AND TRUE VAPOR PRESSURE OF LIQUIDS UNDER  
[RULE 463]

**Periodic Monitoring:** NONE

## FACILITY PERMIT TO OPERATE ULTRAMAR INC. MARINE TERMINAL

### Emissions and Requirements:

6. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC:	RULE 463
VOC:	RULE 1149
VOC:	RULE 1178

## FACILITY PERMIT TO OPERATE ULTRAMAR INC. MARINE TERMINAL

### PERMIT TO OPERATE

Permit No. G18981  
A/N 448254

#### Equipment Description:

TANK NO. 99-TK-7302, INTERNAL FLOATING ROOF, CAPACITY 7300 BARRELS, 36'-0" DIA X 41'-0" H, WELDED SHELL, WITH MECHANICAL SHOE TYPE PRIMARY SEAL

#### Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. 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 (LEL). AN EXPLOSIMETER SHALL BE USED TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF TWICE PER YEAR AT A 4 TO 8 MONTHS INTERVAL. ADEQUATE RECORDS SHALL BE KEPT TO SHOW COMPLIANCE WITH THIS CONDITION.  
[RULE 463, 1178]
4. THE OPERATOR SHALL LIMIT THE USE AND THROUGHPUT TO NO MORE THAN 222,042 BARRELS PER CALENDAR MONTH OF ORGANIC LIQUIDS NOT TO EXCEED A TRUE VAPOR PRESSURE OF 11 PSIA UNDER ACTUAL STORAGE CONDITIONS.  
[RULE 1303(b)(2)-OFFSETS, 1313(g)-EMISSION LIMITATION]
5. THE OPERATOR SHALL KEEP RECORDS, IN MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):  
  
TYPE OF LIQUID STORED, THROUGHPUT, AND TRUE VAPOR PRESSURE OF LIQUIDS UNDER ACTUAL STORAGE CONDITIONS.  
[RULE 463]

Periodic Monitoring: NONE

## FACILITY PERMIT TO OPERATE ULTRAMAR INC. MARINE TERMINAL

### Emissions and Requirements:

6. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: RULE 463  
VOC: RULE 1149  
VOC: RULE 1178

## FACILITY PERMIT TO OPERATE ULTRAMAR INC. MARINE TERMINAL

### PERMIT TO OPERATE

Permit No. G18982  
A/N 448255

#### Equipment Description:

TANK NO. 99-TK-11001, INTERNAL FLOATING ROOF, CAPACITY 11000 BARRELS, 48'-0" DIA X 35'-6" H, WELDED SHELL, WITH MECHANICAL SHOE TYPE PRIMARY SEAL

#### Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. 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 (LEL). AN EXPLOSIMETER SHALL BE USED TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF TWICE PER YEAR AT A 4 TO 8 MONTHS INTERVAL. ADEQUATE RECORDS SHALL BE KEPT TO SHOW COMPLIANCE WITH THIS CONDITION.  
[RULE 463, 1178]
4. THE OPERATOR SHALL LIMIT THE USE AND THROUGHPUT TO NO MORE THAN 334,583 BARRELS PER CALENDAR MONTH OF ORGANIC LIQUIDS NOT TO EXCEED A TRUE VAPOR PRESSURE OF 11 PSIA UNDER ACTUAL STORAGE CONDITIONS.  
[RULE 1303(b)(2)-OFFSETS, 1313(g)-EMISSION LIMITATION]
5. THE OPERATOR SHALL KEEP RECORDS, IN MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):  
  
TYPE OF LIQUID STORED, THROUGHPUT, AND TRUE VAPOR PRESSURE OF LIQUIDS UNDER ACTUAL STORAGE CONDITIONS.  
[RULE 463]

Periodic Monitoring: NONE

## FACILITY PERMIT TO OPERATE ULTRAMAR INC. MARINE TERMINAL

### Emissions and Requirements:

6. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: RULE 463  
VOC: RULE 1149  
VOC: RULE 1178

## FACILITY PERMIT TO OPERATE ULTRAMAR INC. MARINE TERMINAL

### PERMIT TO OPERATE

Permit No. G18983  
A/N 448256

#### Equipment Description:

TANK NO. 99-TK-21001, INTERNAL FLOATING ROOF, CAPACITY 20700 BARRELS, 60'-0" DIA X 41'-0" H, WELDED SHELL, WITH MECHANICAL SHOE TYPE PRIMARY SEAL

#### Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. 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 (LEL). AN EXPLOSIMETER SHALL BE USED TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF TWICE PER YEAR AT A 4 TO 8 MONTHS INTERVAL. ADEQUATE RECORDS SHALL BE KEPT TO SHOW COMPLIANCE WITH THIS CONDITION.  
[RULE 463, 1178]
4. THE OPERATOR SHALL LIMIT THE USE AND THROUGHPUT TO NO MORE THAN 629,625 BARRELS PER CALENDAR MONTH OF ORGANIC LIQUIDS NOT TO EXCEED A TRUE VAPOR PRESSURE OF 11 PSIA UNDER ACTUAL STORAGE CONDITIONS.  
[RULE 1303(b)(2)-OFFSETS, 1313(g)-EMISSION LIMITATION]
5. THE OPERATOR SHALL KEEP RECORDS, IN MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):  
  
TYPE OF LIQUID STORED, THROUGHPUT, AND TRUE VAPOR PRESSURE OF LIQUIDS UNDER ACTUAL STORAGE CONDITIONS.  
[RULE 463]

Periodic Monitoring: NONE

Emissions and Requirements:

## FACILITY PERMIT TO OPERATE ULTRAMAR INC. MARINE TERMINAL

6. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: RULE 463  
VOC: RULE 1149  
VOC: RULE 1178

## FACILITY PERMIT TO OPERATE ULTRAMAR INC. MARINE TERMINAL

### RULE 219 EQUIPMENT

**Equipment Description:**

RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS.

**Conditions:**

1. 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 OF ALL COATINGS 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 COATING.

FOR OTHER 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 COATING.  
[RULE 1113, RULE 109]

**Emissions and Requirements:**

2. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATION:  
  
VOC: RULE 1113, SEE APPENDIX B FOR EMISSION LIMITS  
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS

## **FACILITY PERMIT TO OPERATE ULTRAMAR INC. MARINE TERMINAL**

### **RULE 219 EQUIPMENT**

**Equipment Description:**

RULE 219 EXEMPT EQUIPMENT, HAND WIPING OPERATIONS.

**Emissions and Requirements:**

1. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATION:

VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS

# FACILITY PERMIT TO OPERATE ULTRAMAR INC. MARINE TERMINAL

## RULE 219 EQUIPMENT

### Equipment Description:

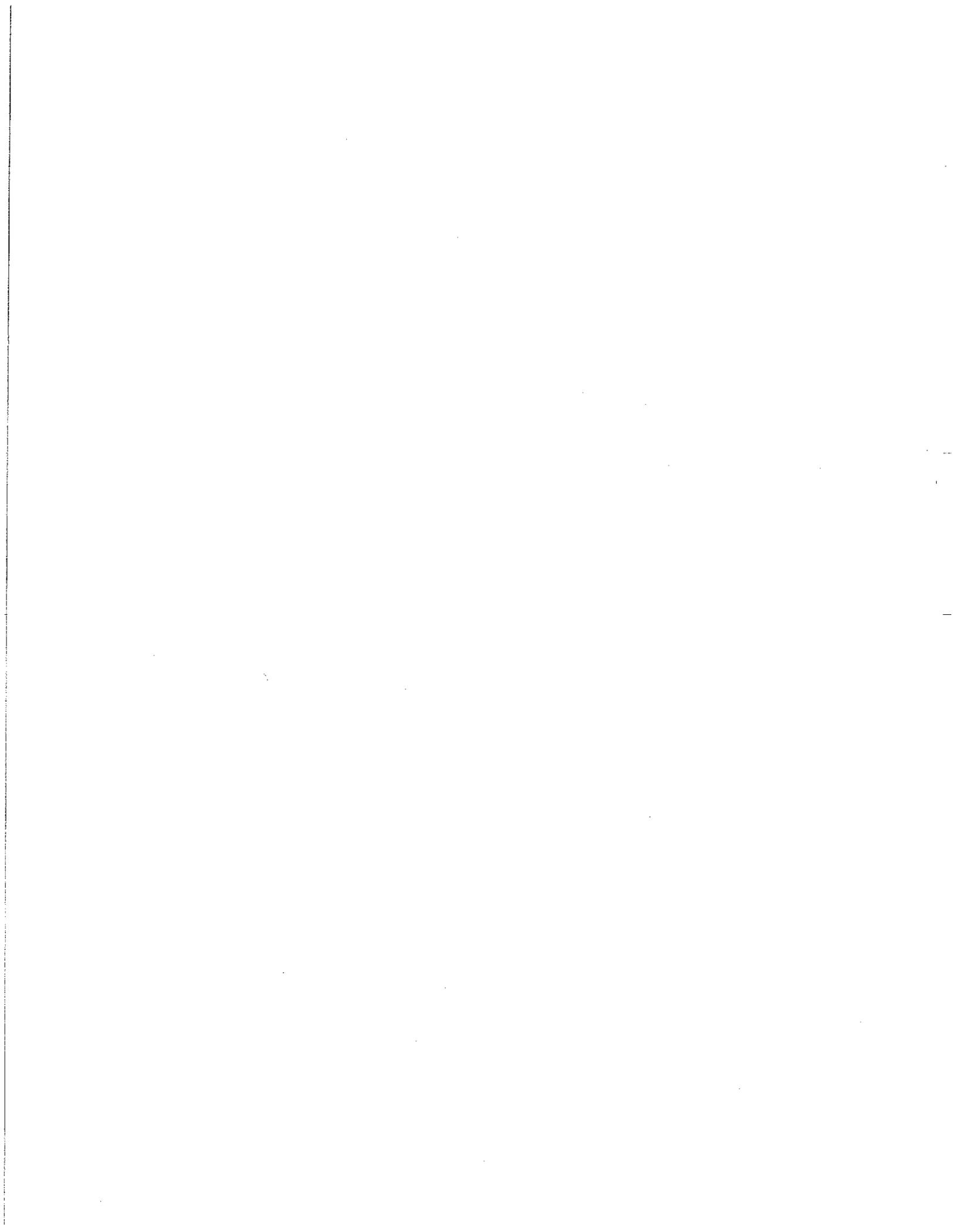
RULE 219 EXEMPT EQUIPMENT, AIR CONDITIONING UNITS

### Emissions and Requirements:

1. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATION:

~~REFRIGERANTS: ---RULE 1415~~

REFRIGERANTS: 40 CFR 82 SUBPART F



## FACILITY PERMIT TO OPERATE ULTRAMAR INC

### 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]

## FACILITY PERMIT TO OPERATE ULTRAMAR INC

### SECTION E: ADMINISTRATIVE CONDITIONS

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 five years. [204]
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]
  - 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 non-combustion sources, compliance with emission limits shall be determined and averaged over a period of 60 minutes; [204]
  - d. 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 (SO<sub>2</sub>) and be averaged over 15 consecutive minutes; [407]
  - e. For the purpose of determining compliance with Rule 409, combustion contaminant emission measurements shall be corrected to 12 percent of carbon dioxide (CO<sub>2</sub>) at standard conditions and averaged over a minimum of 15 consecutive minutes. [409]

## FACILITY PERMIT TO OPERATE ULTRAMAR INC

### SECTION E: ADMINISTRATIVE CONDITIONS

- f. For the purpose of determining compliance with Rule 475, combustion contaminant emission measurements shall be corrected to 3 percent of oxygen (O<sub>2</sub>) at standard conditions and averaged over 15 consecutive minutes or any other averaging time specified by the Executive Officer. [475]
8. 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, throughput, 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 and 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 (conflict of interest).
  9. 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.

## FACILITY PERMIT TO OPERATE ULTRAMAR INC

### SECTION E: ADMINISTRATIVE CONDITIONS

- b. Brief description of the equipment tested.
  - c. Operating conditions under which the test was 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 and 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.
10. 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]
11. 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**

**SECTION F: RECLAIM MONITORING AND SOURCE TESTING REQUIREMENTS**

NOT APPLICABLE

**FACILITY PERMIT TO OPERATE  
ULTRAMAR INC**

**SECTION G: RECORDKEEPING AND REPORTING REQUIREMENTS FOR  
RECLAIM SOURCES**

NOT APPLICABLE

**FACILITY PERMIT TO OPERATE  
ULTRAMAR INC. MARINE TERMINAL**

**Facility Equipment and Requirements  
(Section H)**

This section consists of a table listing all individual Permits to Construct issued to various equipment at the facility. Each permit will list operating conditions, including periodic monitoring requirements and applicable emission limits and requirements. Also included are the rule origin and authority of each emission limit and permit condition.

**FACILITY PERMIT TO OPERATE  
ULTRAMAR INC. MARINE TERMINAL**

**PERMITTED EQUIPMENT LIST**

THE FOLLOWING IS A LIST OF ALL PERMITS TO CONSTRUCT AT THIS FACILITY:

**(NONE)**

# FACILITY PERMIT TO OPERATE ULTRAMAR INC

## 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 .

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
527090	463
556934	3003

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.



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**Rule 463 Inspection and Maintenance Plan Approval**  
Facility ID : 800198 - Company Name : Ultramar/Valero Marine Terminal

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LEGAL OWNER OR OPERATOR Ultramar/Valero Marine Terminal

FACILITY LOCATION 961 La Paloma Avenue, Wilmington, CA 90744

MAILING ADDRESS Same

**ADMINISTRATIVE REQUIREMENTS**

This facility shall be subject to the terms and conditions of this plan unless this plan is suspended, revoked, modified, reissued or denied. Failure to maintain a valid plan is a violation of Rule 463.

It is the responsibility of the facility to comply with other District Rules and Regulations and with all laws, ordinances and regulations of other government agencies which are applicable to the operation of the equipment.

This plan 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 and Regulations of the AQMD. This plan cannot be considered as permission to violate existing laws, ordinances, regulation, or statutes of the other governmental agencies.

**RULE 463 EQUIPMENT**

Floating Roof Tanks as listed in submitted plan.

**CONDITIONS**

1. The operator shall conduct the operation of the storage equipment in compliance with all data and specifications submitted with the plan application under which this approval is granted.
2. Floating roof tank seals shall be properly installed and continuously maintained in good operating condition.



## Valero - Marine Terminal Rule 463 Inspection and Maintenance Plan

This submission contains confidential business information.

### Purpose

This is the revised South Coast Air Quality Management (SCAQMD) Rule 463 Inspection and Maintenance Plan (I&M Plan) submitted in accordance with Rule 463(e)(1)(A) for Valero Marine Terminal, Facility ID #800198.

### I&M Plan Requirements

- An inventory of tanks subject to Rule 463(a) - contained in Table 1.1 and Table 1.2.
- A Proposed self inspection schedule - contained in Table 1.1 and Table 1.2.
- Number of certified person dedicated to the program - 12 certified Rule 463 Inspectors.
- Self-Inspection procedures in addition to those required by Rule 463 - n/a.
- Copy of Refinery Safety Procedure used for floating roof tanks – Safety Procedure for Confined Space Entry (Procedure 704.02) is contained in Attachment 1.

**Tank Inventory** (see Table 1.1 and Table 1.2) includes the following information as required by Rule 463(e)(1)(A):

- Tank Identification (ID) #
- Maximum Design Capacity (bb)
- Product
- Shell Type
- Dimensions
- Seal Type and Manufacturer
- Floating Roof Type
- Date of Construction
- Location

**Valero Marine Terminal  
FID #800198**

**Table 1.1 - Inventory of Floating Roof Tank Subject to SCAQMD Rule 463**

Tank ID #	Maximum Capacity (barrels)	Product *	Shell Type	Roof Configuration	Date of Construction	Dimensions		Seal Manufacturer	Seal Type, Primary	Seal Type, Secondary	Proposed Inspection Schedule **
						tank dia (ft)	tank ht (ft)				
99-TK-42501	45,114	Alkylate	welded	IFR	1977	80	50	HMT	mech shoe	wiper	Mar-Apr, Sep-Oct
99-TK-42502	45,114	Iso-Oct	welded	IFR	1977	80	50	HMT	mech shoe	wiper	Mar-Apr, Sep-Oct
99-TK-67001	71,901	Raffinate	welded	DEFR	1959	100	51	HMT	mech shoe	wiper	May-Jun, Nov-Dec
99-TK-67002	71,901	Raffinate	welded	DEFR	1959	100	51	HMT	mech shoe	wiper	Mar-Apr, Sep-Oct
99-TK-67003	67,671	Raffinate	welded	DEFR	1959	100	48	HMT	mech shoe	wiper	Mar-Apr, Sep-Oct
99-TK-67004	67,671	Reformat	welded	DEFR	1959	100	48	HMT	mech shoe	wiper	Mar-Apr, Sep-Oct
99-TK-120001	126,574	RG0	welded	IFR	1977	134	50	HMT	mech shoe	wiper	Mar-Apr, Sep-Oct
120002	126,574	LCO	welded	IFR	1974	134	50	HMT	mech shoe	wiper	May-Jun, Nov-Dec
99-TK-120003	126,574	Naphtha	welded	IFR	1977	134	50	HMT	mech shoe	wiper	Mar-Apr, Sep-Oct
99-TK-120004	126,574	RG0	welded	IFR	1977	134	50	HMT	mech shoe	wiper	May-Jun, Nov-Dec

Floating Roof Configuration: IFR - Internal Floating Roof  
DEFR - Domed External Floating Roof

\* Represents typical product. Product may change as needed within permitted allowances.  
\*\* Actual inspection schedule may vary depending on operational needs and availability of inspectors within the inspection requirements as outlined in Rule 463(e)(3).

**Valero Marine Terminal  
FID #800198**

**Table 1.2 - Inventory of Storage Tanks Not Subject to All Sections of SCAQMD Rule 463**

ID #	Maximum Capacity (barrels)	Product *	Shell Type	Roof Configuration	Date of Construction	Dimensions		Seal Manufacturer	Seal Type, Primary	Seal Type, Secondary	Proposed Inspection Schedule **
						tank dia (ft)	tank ht (ft)				
99-TK-7301	7,491	Slop Oil	welded	IFR	1940	36	41	HMT	mech shoe	wiper	Mar-Apr, Sep-Oct
99-TK-7302	7,491	Slop Oil	welded	IFR	1940	36	41	HMT	mech shoe	wiper	Mar-Apr, Sep-Oct
99-TK-11001	11,531	Decant	welded	IFR	1940	48	35.5	Tarsco	mech shoe	wiper	Mar-Apr, Sep-Oct
99-TK-21001	20,809	Decant	welded	IFR	1940	60	41	Tarsco	mech shoe	wiper	Mar-Apr, Sep-Oct
99-TK-30001	33,159	Decant	welded	FIXED	1951	70	48	na	na	na	na
99-TK-30002	33,159	Decant	welded	FIXED	1951	70	48	na	na	na	na
99-TK-40001	39,500	RG0	welded	FIXED	1940	78	70	na	na	na	na

Floating Roof Configuration: IFR - Internal Floating Roof

\* Represents typical product. Product may change as needed within permitted allowances.  
\*\* Actual inspection schedule may vary depending on operational needs and availability of inspectors within the inspection requirements as outlined in Rule 463(e)(3).

## **Attachment 1**

### **Safety Procedure 704.02**

#### **“Permit – Required Confined Spaces”**

# VALERO WILMINGTON REFINERY

ISSUED BY: SAFETY AUTHOR: H. PINTO REVISED BY: H. Pinto AUTHORIZED BY: <i>David Sanders</i>	SAFE WORK PERMIT SYSTEM  PERMIT-REQUIRED CONFINED SPACES	PROCEDURE: 704.02 REVISION DATE: 9/10/10 REVISION: 15  PAGE: 1 OF 14
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## PURPOSE

To provide procedures for personal safety when entering confined spaces.

## SCOPE

This procedure applies to all employees, contractors and visitors working at the Valero Wilmington Refinery, Marine Terminal, Asphalt Plant and associated pipelines.

## REFERENCES

1. Fed-OSHA, 29CFR Part 1910, Sub Part 0, Section 146, Permit Required Confined Spaces.
2. California Code of Regulation (CCR), Title 8, Petroleum Safety Orders, Article 7, Section 6793 Enclosed and Confined Spaces and Article 108; Confined Spaces, Sections 5156-5159.
3. API Publication 2217, Guidelines for Confined Space Work in the Petroleum Industry.

## DEFINITIONS

1. **Confined Space Entry Permit** - A specific work permit that must be issued prior to authorizing entry into the confined space. The site copy must be posted at the most obvious ground level access. Green "OK to Enter" tags must be posted at all openings to be used for employee access and red "Do Not Enter" at all others.
2. **Entry** - When an entrant's body breaks the plane or opening into the space (e.g., breaking the plane with head and shoulders).

*Note: Breaking the plane with hands/arms for atmospheric monitoring or maneuvering equipment (e.g., hoses to vacuum catalyst) after equipment has been properly cleared and isolated is not considered a confined space entry.*

3. **Entry Supervisors** - A Valero (normally a Maintenance representative, NOT necessarily a Shift, or Craft Supervisor) and contractor employees who are in control of work activities and responsible for assuring that acceptable entry conditions are present in the space where work is being performed.
4. **Initial Entry**- The first entry into a confined space authorized by Operations, Entry Supervisor and Safety. *The "white" copy of the initial entry permit remains at the job site until a new permit is issued.* When unsure if an *initial* entry has been authorized, check the Master Hazardous Energy Control List for Safety authorization for initial entry.
5. **Permit Required Confined Space** - A space that has limited or restricted means of entry/exit and contains or has the potential to contain a hazardous atmosphere.

# VALERO WILMINGTON REFINERY

ISSUED BY: SAFETY AUTHOR: H. PINTO REVISED BY: H. Pinto AUTHORIZED BY: <i>David Sanders</i>	SAFE WORK PERMIT SYSTEM  PERMIT-REQUIRED CONFINED SPACES	PROCEDURE: 704.02 REVISION DATE: 9/10/10 REVISION: 15  PAGE: 2 OF 14
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6. **Subsequent Entry-** Entry into the permitted space after the *initial entry has been given*. Work Permit *only* requires Operations and Entry Supervisor(s) authorization. The “white” copy must be posted at job site.

## PERSONNEL REQUIREMENTS

### 1.0 Authorizing confined space entry permits:

- 1.1 **Initial Entry:** Authorized by a permit certified Unit Operator, a Valero Entry Supervisor and Safety.

1.1.1 If a contractor is involved, contract Supervisor shall assume *Entry Supervisor* responsibilities. After the coordinating Valero representative signs as the *Entry Supervisor* on the initial entry permit, he/she shall consign the entry permit and be held accountable for monitoring entry conditions and compliance with safe work practices.

1.1.2 Maintenance Supervisors, or Chiefs and LPTs must sign the Master Hazardous Energy Control List verifying confined space isolation prior to entry.

- 1.2 **Subsequent Entry Permits:** Authorized by Permit Certified Operators and another Valero representative.

1.2.1 If a Contractor is involved, the permit-certified Operator will be responsible for reviewing permit requirements and conditions with the contractor *Entry Supervisor*. After reviewing acceptable conditions and understanding of permit requirements, the Operator issuing the work permit shall ensure that Contract Supervisor/lead person who assumes Entry Supervisor duties, signs the *Entry Supervisor* space on the permit.

- 1.3 When multiple contractors are working within the same confined space, *Entry Supervisor* duties shall be performed by the permit certified coordinating Valero representative until those duties are transferred to the contract supervisors. If all contract work is under the direction of a General Contractor, a designated General Contractor supervisor shall sign the *Entry Supervisor* space on the permit and assume those duties for all contract employees working inside the permitted space. Work permit conditions, precautions and PPE requirements must be the same for all employees working in the confined space.

# VALERO WILMINGTON REFINERY

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## PERSONNEL RESPONSIBILITIES

### 1.0 Unit Operators:

- 1.1 Review and assure all isolation points are identified on Master Hazardous Energy Control List.
- 1.2 Isolate, drain and purge according to procedure. Chain lock and tag all valves that are primary isolation points and tagout all others for blinding.
- 1.3 Perform a job walk together with Maintenance personnel to identify isolation points for blinding and issue a work permit for blinding.
- 1.4 Ensure Maintenance Craft person and a Safety Representative verify that all energy sources have been isolated and initial the "Master Hazardous Energy Control List".
- 1.5 Conduct testing for acceptable entry conditions.
- 1.6 Prevent unauthorized entry by posting "**Do Not Enter**" signs on all non-entry openings.
- 1.7 Prepare the confined space work permit, review conditions and precautions with affected employees and obtain required signatures to authorize the work.
- 1.8 Conduct mid-shift testing to verify acceptable entry conditions are maintained.
- 1.9 Sign off Master Hazardous Energy Control List and work permit upon job completion.

### 2.0 Maintenance Craft Personnel:

- 2.1 Perform job walk with Operations to verify isolation points. Place lock and tag on Operation's chains for primary isolation point valves. Tags will be placed on valves isolated for blinding.
- 2.2 Obtain work permit and install blinds.
- 2.3 Initial Master Hazardous Energy Control List verifying blinds and tags have been installed.
- 2.4 Authorize confined space work permit by signing Craftsmen and Entry Supervisor spaces.
- 2.5 Comply with confined space work permit conditions.
- 2.6 Return work permit to Operations upon job completion.

### 3.0 Contract Personnel:

- 3.1 Contract employees performing confined space work activities at Valero must be trained and qualified to perform those duties in compliance with regulatory requirements and those of this procedure.
- 3.2 For maintenance work activities on atmospheric storage tanks, contract personnel must be aware of and comply with requirements of Safety Procedure 712.06 "Work Performed on Atmospheric Storage Tanks".
- 3.3 Contract employees performing safety watch/attendant duties must attend Valero's training program and be certified. All safety watches must have a dated hard hat sticker.

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3.4 Contractor "**Dual-permitting**" is encouraged for all confined space work activities. The final decision regarding disputed permit conditions (e.g., PPE requirements, levels of protection, etc.) will be agreed upon by both Valero Safety Department and the contractor.

## 4.0 Authorized Entrant:

- 4.1 Must know potential hazards and recognize signs, symptoms and consequences of exposure.
- 4.2 Maintain communication with safety watch and notify him/her if evacuation is required.

## 5.0 Safety Watch:

- 5.1 Must attend Valero's training and successfully pass exam. A dated hard hat sticker will be issued to all employees and must be updated annually.
- 5.2 Understand and recognize potential hazards and continuously maintain an accurate record of entrants in and out of the space.
- 5.3 Monitor activities inside and outside to determine if the space is safe.
- 5.4 Maintain effective continuous communication with entrants.
- 5.5 Order entrants to evacuate if prohibited conditions are observed.
- 6.6 In case of an emergency, summon rescue services by sounding an air horn and preventing any unauthorized personnel from entering the confined space.
- 6.7 Personnel performing safety watch functions at off site vaults must be equipped with a refinery radio to contact Valero Supervision.

## 6.0 Entry Supervisor:

- 6.1 Anticipate, recognize, and evaluate employee exposure to potential hazardous conditions in a confined space.
- 6.2 Act as resources for entrants and safety watches if questions or problems arise concerning confined space assignments.
- 6.3 Authorize the work permit.
- 7.4 Assure pre-entry briefing is conducted and all personnel understand work permit conditions and precautions.
- 6.5 Ensure safety attendant is qualified and knowledgeable regarding his responsibilities.

## 7.0 Summoning Rescue Team:

- 7.1 Rescue service - Valero Rescue Team has been designated to perform all confined space rescue operations. For inert atmospheres, specifically trained contract personnel with appropriate rescue equipment will be on-site for this purpose. For entries into IDLH environments the rescue team must be available immediately outside the space.

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- 71 Valero Wilmington Rescue team members shall be trained annually in the methods, PPE and the rescue equipment necessary for performing rescues in confined spaces.
- 8.2 In case of an emergency:
- 7.2.1 Safety Watch must not enter the space and must prevent unauthorized personnel from entering to attempt a rescue.
  - 7.2.2 The Safety Watch must sound the air horn to notify refinery personnel of an emergency.
  - 7.2.3 Area Operator must contact his LPT who will activate the emergency response plan.
  - 7.2.4 Upon arriving at the site, the rescue team leader will determine what happened, how many people are involved and the need to summon outside medical assistance.

## PROCEDURE

*Warning: Continuous monitoring of the atmosphere of a confined space is not required; however, when the risk of a flammable atmosphere, toxic materials, oxygen deficiency or enrichment may exist, tests for flammable vapors and oxygen content should be taken continuously during the occupancy of a permit required confined space. A Safety department representative should be involved in all decisions involving continuous monitoring in permit required confined spaces.*

- 1.0 A confined space work permit or safety watch/attendant is NOT required for the following:
- 1.1 **Operations routine jobs** (e.g., opening/closing valves, gauging levels, visual checks) that do NOT exceed more than 10 minutes in Logistics valve vaults, the 58-V-23 sump, the 310 pit, all fixed and floating roof tanks (refer to procedure 712.06). Valero employees entering these spaces must:
    - 1.1.2 Always test the space's ambient atmosphere prior to entering.
    - 1.1.3 Contact his/her LPT and notify him/her that they are about to make entry. Continuous monitoring of ambient atmosphere must be conducted while the employee is in the space.
    - 1.1.4 Update his/her LPT at 5-minute intervals regarding their job status.
    - 1.1.5 Notify his/her LPT as soon as they are out of the space.
  - 1.2 **Maintenance/Inspection routine work activities** in the 310 pit, exchanger shells, channel-head covers, and pipes (not coke drums) with unobstructed visibility on both ends, fin fan cages, electric vaults, Substation 7 basement, precipitator bins, and routine inspections (e.g., cathodic protection and visual inspections) of pipelines and/or valves at off site Logistics vaults. The following must be complied with prior to entering the above spaces:

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- 1.2.1 Craft personnel must obtain an appropriate general or routine work permit authorized by Operations to perform work inside the identified spaces.

*Exception: Maintenance activities in the 310 pit, 58-V-23 sump, and electrical vaults lasting longer than 10 minutes will require a confined space permit and a safety watch.*

- 1.2.2 Operations must always test the space's ambient atmosphere prior to entry. The need for continuous monitoring of the space should be evaluated.

- 2.0 All entries will require, at a minimum, atmospheric testing of the space to be entered for oxygen and flammable gas concentrations.

*Warning: If entry is required to complete atmospheric testing, the space should be treated as if it were IDLH and all necessary precautions taken.*

- 3.0 Atmosphere monitoring sequence is: Oxygen first, LEL is second, and Air Toxics last.

- 3.1 The need for other types of testing (e.g., benzene, ammonia, H<sub>2</sub>S) will be determined through MSDS's and process stream information related to the space to be entered.

- 4.0 Acceptable Entry Conditions (personal protective equipment NOT required):

- 4.1 Oxygen content is at least 19.5% but less than 23.5%.  
4.2 Flammable gas content (LEL) is 0%.  
4.3 Temperature inside a confine space is less than 100 ° F.

- 4.3.1 When temperature inside the space is equal to or greater than 100 ° F, a Wet Bulb Globe Temperature (WBGT) Thresholds reading must be obtained (refer to Appendix A)

- 4.4 H<sub>2</sub>S content is 0 ppm.  
4.4 Benzene content is 0 ppm.  
4.6 All other potential hazardous materials must be below the permissible exposure levels (caustics, acids, NH<sub>3</sub>, etc.).

*Note: Retesting of confined space atmosphere should be considered when initial tests are taken and work has not begun within 30 minutes.*

- 5.0 Personal protective equipment guidelines:

- 5.1 Air purifying half-face respirators for protection to exposures up to 10 times the Cal/OSHA Permissible Exposure Level (PEL) [e.g., Benzene levels up to 10 ppm].

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- 5.2 Supplied-air respiratory protection for exposures above 10 times the PEL (e.g., Benzene levels greater than 10 ppm).
- 5.3 Level A protection with SCBA for IDLH conditions.
- 5.4 Appropriate outer chemical protective clothing must be donned for protection against toxic, irritant, and corrosive substances that have the potential to cause harm through skin or eye contact (e.g., benzene, HF Acid).
- 5.5 Refer to Appendix B "Respirator Selection Guidelines".

## GENERAL REQUIREMENTS

- 1.0 Blinding closest to the vessel is the preferred method of isolation for confined space entries. Blinding at the nearest breakout flange and double block and bleeds are acceptable means of isolation for confined space entry under the following conditions:
  - 1.1 Associated pipelines, including dead legs between the isolation point and the confined space to be entered must be drained, cleared and/or chemically cleaned and verified free of hazards.
  - 1.2 Maintenance Supervisors and LPTs shall agree to the use of double block and bleeds in lieu of blinding.
  - 1.3 When double block and bleeds are used, isolation valves do NOT have to be adjacent to each other to satisfy this requirement; however, there must be confirmation of no pressure within the blocked section. In these cases, both valves must be chain locked by Operations and tagged by both Operations and Maintenance. Operators must ensure that bleeder valves are not plugged and are locked out with tie wrap and tagged in the open position. Continuous monitoring of the bleeder valve(s) is required for Hot Work.
- 2.0 When conditions inside the confined space require the use of supplied-air respiratory protection, there must be at least 2 persons in the confined space (buddy system). A safety meeting with all involved personnel must be held.
- 3.0 Forced ventilation may be required for some confined spaces and is required for all welding activities within the space. Approved, properly grounded air movers or blowers may be used. Open-ended air hoses are prohibited.
  - 3.1 The forced air ventilation should be so directed as to ventilate the immediate areas where personnel are or will be present within the space and shall continue until all employees have left the space.
  - 3.2 The air supply for the forced air ventilation should be from a clean source. Do not use plant air or instrument air for ventilation into a confined space. Air movers exhausting from the space may use plant or instrument air. When using combustion-engine-powered equipment near the confined space, precautions should be taken to prevent exhaust gases from entering the space.

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## APPENDIX B

### RESPIRATOR SELECTION TABLE

Hazardous Material	PEL	Odor Detection	Half-mask		Full-face		Supplied Air
			Concentration	Model	Concentration	Model	Concentration
Ammonia	25 ppm	5 ppm	< 25 ppm	6004 or 5X04	≤ 500 ppm	642AM	> 500 ppm
Benzene	1 ppm	5 ppm	≤ 10 ppm	6003 or 5X03	> 10 ppm	Not Allowed	> 10 ppm
Catalyst Dust	Note 1	N/A	≤ 10 times the PEL	2091	≤ 50 times the PEL	642H	> 50 x PEL
Petroleum Coke	3.5 mg/m <sup>3</sup>	N/A	≤ 35 mg/m <sup>3</sup>	2091	≤ 175 mg/m <sup>3</sup>	642H	> 175 mg/m <sup>3</sup>
Welding	Note 1	N/A	≤ 10 times the PEL	2091	≤ 50 x PEL	642H	> 50 x PEL
Hydrogen Sulfide	10 ppm	0.13 ppm	> 10 ppm	Not Allowed	> 10 ppm	Not Allowed	> 10 ppm
Hydrogen Fluoride	3 ppm	0.12	As precaution only!	6003 with 2026	> 3 ppm	Not Allowed	> 3 ppm
Refractory Fiber	Note 1	N/A	≤ 10 times the PEL	2091	≤ 50 times the PEL	642H	> 50 x PEL
Sulfur Dioxide	2 ppm	5 ppm	≤ 20 ppm	6003 or 5X03	< 50 ppm	642OA	> 50 ppm

**Note 1:** Contact the Health and Safety Department to determine the specific exposure limits and respiratory protection requirements.

**Half Masks:**  
 2026: 3M filter for dust / mist / hydrogen fluoride  
 2091: 3M P100 filter for particulate  
 5X03: 3M air purifying respirator for organic vapor / acid gas / hydrogen fluoride  
 5X04: 3M air purifying respirator for ammonia / methylamine  
 6003: 3M cartridge for organic vapor / acid gas / hydrogen fluoride  
 6004: 3M cartridge for ammonia / methylamine

**Full Face:**  
 642AM: Scott cartridge for ammonia / methylamine for the Ovista facepiece  
 642H: Scott cartridge for particulate to be used with Ovista facepiece  
 642OA: Scott cartridge for organic vapor / acid gas for the Ovista facepiece.

**Supplied Air:**  
 Scott airline respirator operated in pressure demand mode with egress unit.  
 Scott SCBA operated in pressure demand mode.  
 Drager SCBA operated in pressure demand mode. (ERT only)  
 Drager airline pressure demand respirator with egress unit. (ERT only)

## FACILITY PERMIT TO OPERATE ULTRAMAR INC

### SECTION J: AIR TOXICS [40CFR 63 Subpart Y, #1 09-19-1995]

#### MARINE TANK VESSEL OPERATIONS (IN REFINERIES, BULK TERMINALS, CHEMICAL PLANTS, AND PIPELINE TERMINALS), MINOR SOURCES

1. The operator shall comply with all applicable requirements of 40 CFR 63, Subpart Y and of Subpart A - General Provisions by the date(s) specified in these subparts.
2. The operator shall submit all reports, notifications, plans, submittals and other communications required by Subpart Y or Subpart A to the AQMD and, unless notified to the contrary by AQMD or US EPA, to US EPA Region IX (See Sections E and K of this permit for addresses).
3. The operator shall comply with the applicable recordkeeping requirements in accordance with 40 CFR 63, Subpart Y, Section 63.567 (j)(4).
4. The operator shall comply with the emission estimation requirements in accordance with 40 CFR 63, Subpart Y, Section 63.565 (l).
5. The operator shall submit to AQMD applications for permits to construct and permits to operate for new equipment or equipment modifications, which are regulated by this subpart, as a Title V permit revision for the approval by the Executive Officer.

## FACILITY PERMIT TO OPERATE ULTRAMAR INC

### SECTION J: AIR TOXICS [40CFR 63SubpartZZZZ 03-09-2011]

NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS:  
STATIONARY RECIPROCATING INTERNAL COMBUSTION ENGINES

The owner/operator of existing emergency stationary Reciprocating Internal Combustion Engines (RICE) located at an area source of hazardous air pollutant (HAP) emissions shall comply with the applicable requirements of 40 CFR 63 Subpart ZZZZ including but not limited to the following:

1. The owner/operator shall comply with the applicable requirements as specified in 63.6603 including but not limited to the following:

**Table 2d to Subpart ZZZZ of Part 63—Requirements for Existing Stationary RICE Located at Area Sources of HAP Emissions**

As stated in §§63.6603 and 63.6640, you must comply with the following requirements for existing stationary RICE located at area sources of HAP emissions:

For each . . .	You must meet the following requirement, except during periods of startup . . .	During periods of startup you must . . .
4. Emergency stationary CI RICE and black start stationary CI RICE. <sup>2</sup>	a. Change oil and filter every 500 hours of operation or annually, whichever comes first; <sup>1</sup>	
	b. Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first; and	
	c. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.	
5. Emergency stationary SI RICE; black start stationary SI RICE. <sup>2</sup>	a. Change oil and filter every 500 hours of operation or annually, whichever comes first; <sup>1</sup> b. Inspect spark plugs every 1,000 hours of operation or annually, whichever comes first; and c. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.	

<sup>1</sup>Sources have the option to utilize an oil analysis program as described in §63.6625(f) in order to extend the specified oil change requirement in Table 2d of this subpart.

<sup>2</sup>If an emergency engine is operating during an emergency and it is not possible to shut down the engine in order to perform the management practice requirements on the schedule required in Table 2d of this subpart, or if performing the management practice on the required schedule would otherwise pose an unacceptable risk under Federal, State, or local law, the management practice can be delayed until the emergency is over or the unacceptable risk under Federal, State, or local law

## FACILITY PERMIT TO OPERATE ULTRAMAR INC

### SECTION J: AIR TOXICS [40CFR 63SubpartZZZZ 03-09-2011]

has abated. The management practice should be performed as soon as practicable after the emergency has ended or the unacceptable risk under Federal, State, or local law has abated. Sources must report any failure to perform the management practice on the schedule required and the Federal, State or local law under which the risk was deemed unacceptable.

2. The owner/operator shall comply with the applicable general requirements as specified in 63.6605.
3. The owner/operator shall comply with the applicable monitoring, installation, collection, operation, and maintenance requirements specified in 63.6625.
4. The owner/operator shall demonstrate continuous compliance with the applicable emission limitations and operating limitations specified in 63.6640 including but not limited to the following:
  - (a) You must demonstrate continuous compliance with each emission limitation and operating limitation according to methods specified in Table 6 to this subpart.

**Table 6 to Subpart ZZZZ of Part 63—Continuous Compliance With Emission Limitations, Operating Limitations, Work Practices, and Management Practices**

As stated in §63.6640, you must continuously comply with the emissions and operating limitations and work or management practices as required by the following:

For each . . .	Complying with the requirement to . . .	You must demonstrate continuous compliance by . . .
existing emergency and black start stationary RICE located at an area source of HAP	a. Work or Management practices	i. Operating and maintaining the stationary RICE according to the manufacturer's emission-related operation and maintenance instructions; or ii. Develop and follow your own maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions.

(b) You must report each instance in which you did not meet each emission limitation or operating limitation in Table 2d to this subpart that apply to you. These instances are deviations from the emission and operating limitations in this subpart. These deviations must be reported according to the requirements in §63.6650.

(c) you must operate the emergency stationary RICE according to the requirements in paragraphs (i) through (iii) of this section. Any operation other than emergency operation, maintenance and

## FACILITY PERMIT TO OPERATE ULTRAMAR INC

### SECTION J: AIR TOXICS

[40CFR 63SubpartZZZZ 03-09-2011]

testing, and operation in non-emergency situations for 50 hours per year, as described in paragraphs (i) through (iii) of this section, is prohibited. If you do not operate the engine according to the requirements in paragraphs (i) through (iii) of this section, the engine will not be considered an emergency engine under this subpart and will need to meet all requirements for non-emergency engines.

(i) There is no time limit on the use of emergency stationary RICE in emergency situations.

(ii) You may operate your emergency stationary RICE for the purpose of maintenance checks and readiness testing, provided that the tests are recommended by Federal, State or local government, the manufacturer, the vendor, or the insurance company associated with the engine. Maintenance checks and readiness testing of such units is limited to 100 hours per year. The owner or operator may petition the Administrator for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the owner or operator maintains records indicating that Federal, State, or local standards require maintenance and testing of emergency RICE beyond 100 hours per year.

(iii) You may operate your emergency stationary RICE up to 50 hours per year in non-emergency situations, but those 50 hours are counted towards the 100 hours per year provided for maintenance and testing. The 50 hours per year for non-emergency situations cannot be used for peak shaving or to generate income for a facility to supply power to an electric grid or otherwise supply power as part of a financial arrangement with another entity; except that owners and operators may operate the emergency engine for a maximum of 15 hours per year as part of a demand response program if the regional transmission organization or equivalent balancing authority and transmission operator has determined there are emergency conditions that could lead to a potential electrical blackout, such as unusually low frequency, equipment overload, capacity or energy deficiency, or unacceptable voltage level. The engine may not be operated for more than 30 minutes prior to the time when the emergency condition is expected to occur, and the engine operation must be terminated immediately after the facility is notified that the emergency condition is no longer imminent. The 15 hours per year of demand response operation are counted as part of the 50 hours of operation per year provided for non-emergency situations. The supply of emergency power to another entity or entities pursuant to financial arrangement is not limited by this paragraph (iii), as long as the power provided by the financial arrangement is limited to emergency power.

5. The owner/operator shall comply with the applicable record keeping requirements specified in 63.6655 and 63.6660.

## FACILITY PERMIT TO OPERATE ULTRAMAR INC

### 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)]

## FACILITY PERMIT TO OPERATE ULTRAMAR INC

### SECTION K: TITLE V Administration

#### 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.
  - (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)]

## FACILITY PERMIT TO OPERATE ULTRAMAR INC

### SECTION K: TITLE V Administration

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)]
  
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)]

## FACILITY PERMIT TO OPERATE ULTRAMAR INC

### SECTION K: TITLE V Administration

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 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)]

## FACILITY PERMIT TO OPERATE ULTRAMAR INC

### SECTION K: TITLE V Administration EMERGENCY PROVISIONS

17. An emergency<sup>1</sup> constitutes an affirmative defense to an action brought for noncompliance 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]

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<sup>1</sup> "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.

## FACILITY PERMIT TO OPERATE ULTRAMAR INC

### SECTION K: TITLE V Administration 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.

## FACILITY PERMIT TO OPERATE ULTRAMAR INC

### SECTION K: TITLE V Administration

- (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.
  - (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;

## **FACILITY PERMIT TO OPERATE ULTRAMAR INC**

### **SECTION K: TITLE V Administration**

- (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)]

### **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 TitleV application file. [3004(a)(4)]

## FACILITY PERMIT TO OPERATE ULTRAMAR INC

### SECTION K: TITLE V Administration

#### *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.

<b>RULE SOURCE</b>	<b>Adopted/Amended Date</b>	<b>FEDERAL Enforceability</b>
RULE 109	5-2-2003	Federally enforceable
RULE 1113	7-13-2007	Federally enforceable
RULE 1113	9-6-2013	Non federally enforceable
RULE 1142	7-19-1991	Federally enforceable
RULE 1149	5-2-2008	Federally enforceable
RULE 1171	2-1-2008	Federally enforceable
RULE 1171	5-1-2009	Non federally enforceable
RULE 1173	2-6-2009	Federally enforceable
RULE 1178	4-7-2006	Federally enforceable
RULE 118	12-7-1995	Non 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	6-14-1996	Federally enforceable
RULE 1304(a)-Modeling and Offset Exemption	6-14-1996	Federally enforceable
RULE 1306	6-14-1996	Federally enforceable
RULE 1313(g)	12-7-1995	Federally enforceable
RULE 1401	9-10-2010	Non federally enforceable
RULE 1418	9-10-1999	Non federally enforceable
RULE 1470	5-4-2012	Non federally enforceable

## FACILITY PERMIT TO OPERATE ULTRAMAR INC

### SECTION K: TITLE V Administration

<b>RULE SOURCE</b>	<b>Adopted/Amended Date</b>	<b>FEDERAL Enforceability</b>
RULE 204	10-8-1993	Federally enforceable
RULE 217	1-5-1990	Federally enforceable
RULE 219	5-3-2013	Non federally enforceable
RULE 219	9-4-1981	Federally enforceable
RULE 3002	11-14-1997	Federally enforceable
RULE 3002	11-5-2010	Non federally enforceable
RULE 3003	11-14-1997	Federally enforceable
RULE 3003	11-5-2010	Non federally enforceable
RULE 3004	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	11-5-2010	Non federally enforceable
RULE 3007	10-8-1993	Federally enforceable
RULE 301	6-6-2014	Non federally enforceable
RULE 304	6-6-2014	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 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	11-17-1995	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
RULE 462	5-14-1999	Federally enforceable
RULE 464	12-7-1990	Federally enforceable
RULE 701	6-13-1997	Federally enforceable
40CFR 60 Subpart K	10-17-2000	Federally enforceable
40CFR 63 Subpart Y	9-19-1995	Federally enforceable

## FACILITY PERMIT TO OPERATE ULTRAMAR INC

### SECTION K: TITLE V Administration

<b>RULE SOURCE</b>	<b>Adopted/Amended Date</b>	<b>FEDERAL Enforceability</b>
40CFR 63 Subpart Y, #1	9-19-1995	Federally enforceable
40CFR 63 Subpart ZZZZ	1-30-2013	Federally enforceable
40CFR 63SubpartZZZZ	3-9-2011	Federally enforceable
40CFR 82 Subpart F	6-25-2013	Federally enforceable
40CFR Part 64	10-22-1997	Federally enforceable

**FACILITY PERMIT TO OPERATE  
ULTRAMAR INC**

**APPENDIX A: NOX AND SOX EMITTING EQUIPMENT EXEMPT FROM WRITTEN  
PERMIT PURSUANT TO RULE 219**

NONE

## **FACILITY PERMIT TO OPERATE ULTRAMAR INC**

### **APPENDIX B: RULE EMISSION LIMITS [RULE 1113 07-13-2007]**

- (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, except anti-graffiti 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 ULTRAMAR INC

### APPENDIX B: RULE EMISSION LIMITS [RULE 1113 07-13-2007] 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		

## FACILITY PERMIT TO OPERATE ULTRAMAR INC

### APPENDIX B: RULE EMISSION LIMITS [RULE 1113 07-13-2007]

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
Nonflat High Gloss	250		150				50	
Pigmented Lacquer	680	550			275			
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							

\* 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.

# FACILITY PERMIT TO OPERATE ULTRAMAR INC

## APPENDIX B: RULE EMISSION LIMITS [RULE 1113 07-13-2007]

### 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

### APPENDIX B: RULE EMISSION LIMITS [RULE 1113 09-06-2013]

- (1) Except as provided in paragraphs (c)(3), (c)(4), and designated coatings averaged under (c)(6), no person shall supply, sell, offer for sale, market, manufacture, blend, repackage, apply, store at a worksite, or solid the application of any architectural coating within in the District:
  - (A) That is listed in the Table of Standards 1 and 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; or
  - (B) That is not listed in the Table of Standards 1, and contains VOC (excluding any colorant added to tint bases) in excess of 250 grams of VOC per liter of coating (2.08 pounds per gallon), less water, less exempt compounds, until January 1, 2014, at which time the limit drops to 50 grams of VOC per liter of coating, less water, less exempt compounds (0.42 pounds per gallon).
- (2) No person within the District shall add colorant at the point of sale that is listed in the Table of Standards 2 and contains VOC in excess of the corresponding VOC limit specified in the Table of Standards 2, after the effective date specified.

## FACILITY PERMIT TO OPERATE ULTRAMAR INC

### APPENDIX B: RULE EMISSION LIMITS [RULE 1113 09-06-2013] TABLE OF STANDARDS 1 VOC LIMITS

**Grams of VOC Per Liter of Coating,  
Less Water and Less Exempt Compounds**

COATING CATEGORY	Ceiling Limit <sup>1</sup>	Current Limit <sup>2</sup>	Effective Date		
			7/1/08	1/1/12	1/1/14
Bond Breakers		350			
Clear Wood Finishes		275			
Varnish	350	275			
Sanding Sealers	350	275			
Lacquer		275			
Concrete-Curing Compounds		100			
Concrete-Curing Compounds For Roadways and Bridges <sup>3</sup>		350			
Concrete Surface Retarder		250			50
Driveway Sealer		100		50	
Dry-Fog Coatings		150			50
Faux Finishing Coatings					
Clear Topcoat		350		200	100
Decorative Coatings		350			
Glazes		350			
Japan		350			
Trowel Applied Coatings		350		150	50
Fire-Proofing Coatings		350			150
Flats	250	50	50		
Floor Coatings	100	50			
Form Release Compound		250			100
Graphic Arts (Sign) Coatings		500			150
Industrial Maintenance (IM) Coatings	420	100			
High Temperature IM Coatings		420			
Non-Sacrificial Anti-Graffiti Coatings		100			
Zinc-Rich IM Primers		100			
Magnesite Cement Coatings		450			
Mastic Coatings		300			100
Metallic Pigmented Coatings	500	500			150
Multi-Color Coatings		250			
Nonflat Coatings	150	50			
Pre-Treatment Wash Primers		420			
Primers, Sealers, and Undercoaters		100			
Reactive Penetrating Sealers		350			

## FACILITY PERMIT TO OPERATE ULTRAMAR INC

### APPENDIX B: RULE EMISSION LIMITS [RULE 1113 09-06-2013]

Recycled Coatings		250		
Roof Coatings		50		
Roof Coatings, Aluminum		100		
Roof Primers, Bituminous		350		
Rust Preventative Coatings	400	100		
Sacrificial Anti-Graffiti Coatings		100	50	
Shellac Clear		730		

## FACILITY PERMIT TO OPERATE ULTRAMAR INC

### APPENDIX B: RULE EMISSION LIMITS [RULE 1113 09-06-2013]

COATING CATEGORY	Ceiling Limit <sup>1</sup>	Current Limit <sup>2</sup>	Effective Date		
			7/1/08	1/1/12	1/1/14
Pigmented		550			
Specialty Primers		100			
Stains	350	100			
Stains, Interior	250	250			
Stone Consolidant		450			
Swimming Pool Coatings					
Repair		340			
Other		340			
Traffic Coatings		100			
Waterproofing Sealers		100			
Waterproofing Concrete/Masonry Sealers		100			
Wood Preservatives		350			

- 1 The specified ceiling limits are applicable to products sold under the Averaging Compliance Option.
- 2 The specified limits remain in effect unless revised limits are listed in subsequent columns in the Table of Standards.
3. Does not include compounds used for curbs and gutters, sidewalks, islands, driveways and other miscellaneous concrete areas.

#### TABLE OF STANDARDS 1 (cont.) VOC LIMITS

##### Grams of VOC Per Liter of Material

COATING	Limit
Low-Solids Coating	120

#### TABLE OF STANDARDS 2 VOC LIMITS FOR COLORANTS

##### Grams of VOC Per Liter of Colorant Less Water and Less Exempt Compounds

COLORANT ADDED TO	Limit <sup>4</sup>
Architectural Coatings, excluding IM Coatings	50
Solvent-Based IM	600
Waterborne IM	50

4. Effective January 1, 2014.

## FACILITY PERMIT TO OPERATE ULTRAMAR INC

### APPENDIX B: RULE EMISSION LIMITS [RULE 1171 02-01-2008]

(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*	EFFECTIVE 1/1/2009
SOLVENT CLEANING ACTIVITY	VOC g/l (lb/gal)	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

### APPENDIX B: RULE EMISSION LIMITS [RULE 1171 02-01-2008]

SOLVENT CLEANING ACTIVITY (cont.)	CURRENT LIMITS*	EFFECTIVE 1/1/2008*	EFFECTIVE 1/1/2009
	VOC g/l (lb/gal)	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

### APPENDIX B: RULE EMISSION LIMITS [RULE 1171 02-01-2008]

SOLVENT CLEANING ACTIVITY (cont.)	CURRENT LIMITS*	EFFECTIVE 1/1/2008*	EFFECTIVE 1/1/2009
	VOC g/l (lb/gal)	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)	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 ULTRAMAR INC

### APPENDIX B: RULE EMISSION LIMITS [RULE 1171 05-01-2009]

(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*	EFFECTIVE 1/1/2010
	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

### APPENDIX B: RULE EMISSION LIMITS [RULE 1171 05-01-2009]

SOLVENT CLEANING ACTIVITY (cont.)	CURRENT LIMITS*	EFFECTIVE 1/1/2010
	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	100 (0.83)	

## FACILITY PERMIT TO OPERATE ULTRAMAR INC

### APPENDIX B: RULE EMISSION LIMITS [RULE 1171 05-01-2009]

	CURRENT LIMITS*	EFFECTIVE 1/1/2010
SOLVENT CLEANING ACTIVITY (cont.)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(B) Removable Press Components	25 (0.21)	
(v) Screen Printing	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.