



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT  
21865 Copley Drive, Diamond Bar, CA 91765

Title Page	
Facility ID:	800171
Revision #:	5
Date:	June 15, 2012

## FACILITY PERMIT TO OPERATE

**EXXONMOBIL OIL CORPORATION  
2619 E 37TH ST  
VERNON, CA 90058**

### 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

*ten*



## FACILITY PERMIT TO OPERATE EXXONMOBIL OIL CORPORATION

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**FACILITY PERMIT TO OPERATE  
EXXONMOBIL OIL CORPORATION**

**SECTION A: FACILITY INFORMATION**

**LEGAL OWNER &/OR OPERATOR:** EXXONMOBIL OIL CORPORATION

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

**EQUIPMENT LOCATION:** 2619 E 37TH ST  
VERNON, CA 90058

**MAILING ADDRESS:** 12851 E 166TH ST  
CERRITOS, CA 90703

**RESPONSIBLE OFFICIAL:** SAUL FLOTA

**TITLE:** AREA MANAGER, WEST COAST

**TELEPHONE NUMBER:** (310) 212-2935

**CONTACT PERSON:** JEREMY ALDERETE

**TITLE:** TERMINAL SUPERINTENDENT

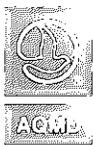
**TELEPHONE NUMBER:** (323) 586-5375

**INITIAL TITLE V PERMIT ISSUED:** January 26, 2009

**TITLE V PERMIT EXPIRATION DATE:** January 25, 2014

TITLE V	RECLAIM
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YES	NOx: NO
	SOx: NO
	CYCLE: 0
	ZONE: COASTAL



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**FACILITY PERMIT TO OPERATE  
EXXONMOBIL OIL CORP**

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**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  
EXXONMOBIL OIL CORP**

**PERMITTED EQUIPMENT LIST**

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

<b>Application Number</b>	<b>Equipment Description</b>	<b>Page Number</b>
384853	ETHANOL UNLOADING RACK	3
385172	ETHANOL UNLOADING RACK	5
527778	TANK TRUCK LOADING BAY NO. 1	7
527779	TANK TRUCK LOADING BAY NO. 2	11
527780	TANK TRUCK LOADING BAY NO. 3	15
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**NOTE:** EQUIPMENT LISTED ABOVE ARE ISSUED PERMITS TO CONSTRUCT. THE ISSUANCE OR DENIAL OF THEIR PERMITS TO OPERATE IS SUBJECT TO ENGINEERING FINAL REVIEW. ANY OTHER APPLICATIONS THAT ARE STILL BEING PROCESSED AND HAVE NOT BEEN ISSUED PERMITS TO CONSTRUCT WILL NOT BE FOUND IN THIS TITLE V PERMIT.



**FACILITY PERMIT TO OPERATE  
EXXONMOBIL OIL CORP**

**PERMIT TO CONSTRUCT**

**A/N 384853  
Granted 2/27/2002**

**Equipment Description:**

RAIL CAR FUEL ETHANOL UNLOADING RACK CONSISTING OF:

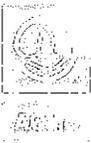
1. TWO PUMPS, 1,000 GPM EACH
2. FIFTEEN UNLOADING STATIONS
3. CONNECTIONS TO TANK NOS. 3 AND 4

**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 FOLLOWING BACT REQUIREMENTS SHALL APPLY TO VOC SERVICE FUGITIVE COMPONENTS ASSOCIATED WITH THIS EQUIPMENT:

ALL VALVES SHALL BE BELLOWS-SEAL VALVES, EXCEPT IN THE FOLLOWING APPLICATIONS: VALVES IN HEAVY LIQUID SERVICE, CONTROL VALVES, INSTRUMENT PIPING/TUBING VALVES, VALVES REQUIRING TORSIONAL VALVE STEM MOTION, APPLICATIONS WHERE VALVE FAILURE COULD POSE SAFETY HAZARD (E.G., DRAIN VALVES WITH VALVE STEMS IN A HORIZONTAL POSITION), RETROFITS/SPECIAL APPLICATION VALVES WITH SPACE LIMITATIONS, AND VALVES NOT COMMERCIALY AVAILABLE. THE DISTRICT SHALL APPROVE ALL EXCEPTIONS TO THIS REQUIREMENT.

ALL VALVES AND NEW MAJOR COMPONENTS SHALL BE PHYSICALLY IDENTIFIED IN THE FIELD WITH SPECIAL MARKINGS THAT DISTINGUISH THE COMPONENTS FROM NON-BACT COMPONENTS. ADDITIONALLY, ALL NEW COMPONENTS SHALL BE IDENTIFIED AS BACT COMPONENTS IN THE RECORDS.



**FACILITY PERMIT TO OPERATE  
EXXONMOBIL OIL CORP**

**PERMIT TO CONSTRUCT**

**A/N 384853  
Granted 2/27/2002  
(Continued)**

THE OPERATOR SHALL PROVIDE TO THE DISTRICT, NO LATER THAT 60 DAYS AFTER INITIAL STARTUP, PROCESS INSTRUMENTATION DIAGRAMS (OR SOME OTHER DISTRICT APPROVED DIAGRAMS) THAT IDENTIFY ALL VALVES. THE OPERATOR SHALL ALSO PROVIDE A LISTING OF ALL VALVES INSTALLED OR REMOVED, CATEGORIZED BY LOCATION, TYPE, SIZE, ACCESSIBILITY, AND SERVICE; AND FOR ALL NON-BELLOWS SEALED VALVES, REASON(S) WHY BELLOW SEAL VALVES WERE NOT USED. THE OPERATOR SHALL ALSO SUBMIT A RECALCULATION OF THE FUGITIVE EMISSIONS BASED ON ACTUAL COMPONENTS INSTALLED AND REMOVED FROM SERVICE.

ALL COMPONENTS IN VOC SERVICE, EXCEPT THOSE SPECIFICALLY EXEMPTED IN RULE 1173, SHALL BE INSPECTED MONTHLY USING EPA REFERENCE METHOD 21. THE OPERATOR MAY REVERT TO A QUARTERLY INSPECTION UPON DISTRICT APPROVAL, AFTER TWO CONSECUTIVE MONTHS OF INSPECTIONS IN WHICH ONLY TWO PERCENT OR LESS OF THE FUGITIVE COMPONENTS ARE DETECTED TO LEAK OVER 500 PPM<sub>v</sub> ABOVE BACKGROUND.

ALL COMPONENTS IN VOC SERVICE, WITH A LEAK GREATER THAN 500 PPM<sub>v</sub> BUT LESS THAN 1,000 PPM<sub>v</sub> MEASURED AS METHANE ABOVE BACKGROUND USING EPA REFERENCE METHOD 21, SHALL BE REPAIRED WITHIN 14 DAYS OF DETECTION. A LEAK OF 1,000 PPM<sub>v</sub> OR GREATER SHALL BE REPAIRED ACCORDING TO RULE 1173.

THE RECORDS OF THE MONTHLY INSPECTION, SUBSEQUENT REPAIRS AND RE-INSPECTIONS, IF ANY, SHALL BE MAINTAINED FOR TWO YEARS ( FIVE YEARS FOR A TITLE V FACILITY) IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST  
[RULE 1303(a)(1)-BACT]

**Periodic Monitoring:**

NONE

**Emissions and Requirements:**

NONE



**FACILITY PERMIT TO OPERATE  
EXXONMOBIL OIL CORP**

**PERMIT TO CONSTRUCT**

**A/N 385172  
Granted 2/27/2002**

**Equipment Description:**

TANKER TRUCK FUEL ETHANOL UNLOADING RACK CONSISTING OF:

1. ONE 25-H.P. PUMP, 650 GPM
2. TWO UNLOADING ARMS, 4" DIA. EACH
3. CONNECTIONS TO TANK NOS. 3 AND 4

**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 FOLLOWING BACT REQUIREMENTS SHALL APPLY TO VOC SERVICE FUGITIVE COMPONENTS ASSOCIATED WITH THIS EQUIPMENT:

ALL VALVES SHALL BE BELLOW-SEAL VALVES, EXCEPT IN THE FOLLOWING APPLICATIONS: VALVES IN HEAVY LIQUID SERVICE, CONTROL VALVES, INSTRUMENT PIPING/TUBING VALVES, VALVES REQUIRING TORSIONAL VALVE STEM MOTION, APPLICATIONS WHERE VALVE FAILURE COULD POSE SAFETY HAZARD (E.G., DRAIN VALVES WITH VALVE STEMS IN A HORIZONTAL POSITION), RETROFITS/SPECIAL APPLICATION VALVES WITH SPACE LIMITATIONS, AND VALVES NOT COMMERCIALY AVAILABLE. THE DISTRICT SHALL APPROVE ALL EXCEPTIONS TO THIS REQUIREMENT.

ALL VALVES AND NEW MAJOR COMPONENTS SHALL BE PHYSICALLY IDENTIFIED IN THE FIELD WITH SPECIAL MARKINGS THAT DISTINGUISH THE COMPONENTS FROM NON-BACT COMPONENTS. ADDITIONALLY, ALL NEW COMPONENTS SHALL BE IDENTIFIED AS BACT COMPONENTS IN THE RECORDS.

**FACILITY PERMIT TO OPERATE  
EXXONMOBIL OIL CORP**

**PERMIT TO CONSTRUCT**

**A/N 385172  
Granted 2/27/2002  
(Continued)**

THE OPERATOR SHALL PROVIDE TO THE DISTRICT, NO LATER THAT 60 DAYS AFTER INITIAL STARTUP, PROCESS INSTRUMENTATION DIAGRAMS (OR SOME OTHER DISTRICT APPROVED DIAGRAMS) THAT IDENTIFY ALL VALVES. THE OPERATOR SHALL ALSO PROVIDE A LISTING OF ALL VALVES INSTALLED OR REMOVED, CATEGORIZED BY LOCATION, TYPE, SIZE, ACCESSIBILITY, AND SERVICE; AND FOR ALL NON-BELLOWS SEALED VALVES, REASON(S) WHY BELLOWS SEAL VALVES WERE NOT USED. THE OPERATOR SHALL ALSO SUBMIT A RECALCULATION OF THE FUGITIVE EMISSIONS BASED ON ACTUAL COMPONENTS INSTALLED AND REMOVED FROM SERVICE.

ALL COMPONENTS IN VOC SERVICE, EXCEPT THOSE SPECIFICALLY EXEMPTED IN RULE 1173, SHALL BE INSPECTED MONTHLY USING EPA REFERENCE METHOD 21. THE OPERATOR MAY REVERT TO A QUARTERLY INSPECTION UPON DISTRICT APPROVAL, AFTER TWO CONSECUTIVE MONTHS OF INSPECTIONS IN WHICH ONLY TWO PERCENT OR LESS OF THE FUGITIVE COMPONENTS ARE DETECTED TO LEAK OVER 500 PPM<sub>v</sub> ABOVE BACKGROUND.

ALL COMPONENTS IN VOC SERVICE, WITH A LEAK GREATER THAN 500 PPM<sub>v</sub> BUT LESS THAN 1,000 PPM<sub>v</sub> MEASURED AS METHANE ABOVE BACKGROUND USING EPA REFERENCE METHOD 21, SHALL BE REPAIRED WITHIN 14 DAYS OF DETECTION. A LEAK OF 1,000 PPM<sub>v</sub> OR GREATER SHALL BE REPAIRED ACCORDING TO RULE 1173.

THE RECORDS OF THE MONTHLY INSPECTION, SUBSEQUENT REPAIRS AND RE-INSPECTIONS, IF ANY, SHALL BE MAINTAINED FOR TWO YEARS ( FIVE YEARS FOR A TITLE V FACILITY) IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST  
[RULE 1303(a)(1)-BACT]

**Periodic Monitoring:**

NONE

**Emissions and Requirements:**

NONE



**FACILITY PERMIT TO OPERATE  
EXXONMOBIL OIL CORP**

**PERMIT TO CONSTRUCT**

**A/N 527778  
Granted: 6/15/12**

**Equipment Description:**

MODIFICATION OF TANK TRUCK LOADING BAY NO. 1 CONSISTING OF:

1. SIX GASOLINE PRODUCT BOTTOM LOADING ARMS, EACH WITH A 4" EMCO WHEATON DRY BREAK COUPLER.
2. TWO DIESEL FUEL BOTTOM LOADING ARMS, EACH WITH A 4" EMCO WHEATON DRY BREAK COUPLER.
3. TWO 4" VAPOR RETURN LINES.
4. TWO UNLEADED GASOLINE PUMPS, 75 HP EACH, WITH MECHANICAL SEALS, COMMON TO LOADING BAYS 1,2,3,4, AND 5.
5. FIVE UNLEADED GASOLINE PUMPS, 100 HP EACH, WITH MECHANICAL SEALS, COMMON TO LOADING BAYS 1,2,3,4, AND 5.
6. TWO DIESEL FUEL PUMPS, 75 HP EACH, WITH MECHANICAL SEALS, COMMON TO LOADING BAYS 1,2, 3, AND 4.
7. TWO ETHANOL PUMPS, 75 HP EACH, WITH MECHANICAL SEALS, COMMON TO LOADING BAYS 1, 2, 3, 4, AND 5.

BY THE FOLLOWING:

1. ADDITION OF VERICONN (OR EQUIVALENT) HOSE CONNECTION VERIFICATION SYSTEM TO THE TWO 4" VAPOR RETURN LINES.

**Conditions:**

1. CONSTRUCTION AND 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]



**FACILITY PERMIT TO OPERATE  
EXXONMOBIL OIL CORP**

**PERMIT TO CONSTRUCT**

**A/N 527778  
Granted: 6/15/12  
(Continued)**

3. THE TOTAL COMBINED LOADING RATE OF LOADING RACK NOS. 1 THROUGH 5 SHALL NOT EXCEED 11,968 GALLONS PER MINUTE. THE OPERATOR SHALL USE A FLOW METER TO MEASURE THE FLOW RATE IN GALLONS PER MINUTE FOR EACH RACK, SHALL USE AN AUTOMATIC RECORDER TO RECORD THE FLOW/LOADING RATE OF EACH RACK IN GALLONS PER MINUTE, AND SHALL MAKE AVAILABLE THE LOADING RATE RECORDS TO DISTRICT PERSONNEL UPON REQUEST.  
[RULE 1303(a)(1)-BACT]
4. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 3,726,000 GALLON(S) PER DAY.
  - A. FOR THE PURPOSE OF THIS CONDITION, THROUGHPUT SHALL BE DEFINED AS THE TOTAL QUANTITY OF GASOLINE LOADED INTO TANK TRUCKS FROM LOADING BAY NOS. 1 THROUGH 5 COMBINED.
  - B. THE OPERATOR SHALL MAINTAIN RECORDS IN A MANNER APPROVED BY THE DISTRICT TO DEMONSTRATE COMPLIANCE WITH THIS CONDITION.  
[RULE 1303(b)(2)-Offset, RULE 462]
5. THE OPERATOR SHALL NOT OPERATE THIS EQUIPMENT UNLESS IT IS VENTED TO A CARBON ADSORBER OR THERMAL OXIDIZER, WHICH IS IN FULL USE AND HAS BEEN ISSUED A PERMIT TO OPERATE BY THE EXECUTIVE OFFICER  
[RULE 1303(a)(1)-BACT; RULE 462; 40CFR 60 Subpart XX]
6. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 2,500,000 GALLON(S) PER DAY WHILE THE LOADING FACILITY IS VENTED TO ANY ONE CONTROL SYSTEM.
  - A. FOR THE PURPOSE OF THIS CONDITION, THROUGHPUT SHALL BE DEFINED AS THE TOTAL QUANTITY OF GASOLINE LOADED INTO TANK TRUCKS FROM LOADING BAY NOS. 1 THROUGH 5, COMBINED, WHILE THE LOADING RACKS ARE VENTING TO THE "VAPOR CONTROL SYSTEM (CARBON ADSORPTION SYSTEM)".
  - B. WHENEVER THE LOADING THROUGHPUT FOR THIS BULK LOADING FACILITY APPROACHES 2,500,000 GALLONS PER DAY, THE OPERATOR SHALL DIVERT THE VAPORS FROM THE LOADING OPERATION FROM THE CARBON ADSORPTION SYSTEM TO THE THERMAL OXIDIZER (OR VICE VERSA).



**FACILITY PERMIT TO OPERATE  
EXXONMOBIL OIL CORP**

**PERMIT TO CONSTRUCT**

**A/N 527778  
Granted: 6/15/12  
(Continued)**

- C. THE OPERATOR SHALL MAINTAIN RECORDS IN A MANNER APPROVED BY THE DISTRICT TO DEMONSTRATE COMPLIANCE WITH THIS CONDITION.  
[RULE 462]
7. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 391,000 GALLON(S) PER DAY.
- A. FOR THE PURPOSE OF THIS CONDITION, THROUGHPUT SHALL BE DEFINED AS THE LOADING RATE OF ETHANOL THROUGH LOADING BAY NO. 5.
- B. THE OPERATOR SHALL MAINTAIN RECORDS IN A MANNER APPROVED BY THE DISTRICT TO DEMONSTRATE COMPLIANCE WITH THIS CONDITION.  
[RULE 1303(b)(2)-Offset]
8. IN ADDITION TO THE RECORDS REQUIRED UNDER RULE 462, THE LOADING THROUGHPUT RECORDS SHALL BE MAINTAINED FOR FIVE YEARS IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.  
[RULE 1303(b)(2)-Offset, RULE 462]
9. THE FOLLOWING BACT REQUIREMENTS SHALL APPLY TO VOC SERVICE FUGITIVE COMPONENTS ASSOCIATED WITH THIS EQUIPMENT:
- ALL VALVES SHALL BE BELLOW-SEAL VALVES, EXCEPT IN THE FOLLOWING APPLICATIONS: VALVES IN HEAVY LIQUID SERVICE, CONTROL VALVES, INSTRUMENT PIPING/TUBING VALVES, VALVES REQUIRING TORSIONAL VALVE STEM MOTION, APPLICATIONS WHERE VALVE FAILURE COULD POSE SAFETY HAZARD (E.G., DRAIN VALVES WITH VALVE STEMS IN A HORIZONTAL POSITION), RETROFITS/SPECIAL APPLICATION VALVES WITH SPACE LIMITATIONS, AND VALVES NOT COMMERCIALY AVAILABLE. THE DISTRICT SHALL APPROVE ALL EXCEPTIONS TO THIS REQUIREMENT.
- ALL VALVES AND NEW MAJOR COMPONENTS SHALL BE PHYSICALLY IDENTIFIED IN THE FIELD WITH SPECIAL MARKINGS THAT DISTINGUISH THE COMPONENTS FROM NON-BACT COMPONENTS. ADDITIONALLY, ALL NEW COMPONENTS SHALL BE IDENTIFIED AS BACT COMPONENTS IN THE RECORDS.

**FACILITY PERMIT TO OPERATE  
EXXONMOBIL OIL CORP**

**PERMIT TO CONSTRUCT**

A/N 527778  
Granted: 6/15/12  
(Continued)

THE OPERATOR SHALL PROVIDE TO THE DISTRICT, NO LATER THAT 60 DAYS AFTER INITIAL STARTUP, PROCESS INSTRUMENTATION DIAGRAMS (OR SOME OTHER DISTRICT APPROVED DIAGRAMS) THAT IDENTIFY ALL VALVES. THE OPERATOR SHALL ALSO PROVIDE A LISTING OF ALL VALVES INSTALLED OR REMOVED, CATEGORIZED BY LOCATION, TYPE, SIZE, ACCESSIBILITY, AND SERVICE; AND FOR ALL NON-BELLOWS SEALED VALVES, REASON(S) WHY BELLOW SEAL VALVES WERE NOT USED. THE OPERATOR SHALL ALSO SUBMIT A RECALCULATION OF THE FUGITIVE EMISSIONS BASED ON ACTUAL COMPONENTS INSTALLED AND REMOVED FROM SERVICE.

ALL COMPONENTS IN VOC SERVICE, EXCEPT THOSE SPECIFICALLY EXEMPTED IN RULE 1173, SHALL BE INSPECTED MONTHLY USING EPA REFERENCE METHOD 21. THE OPERATOR MAY REVERT TO A QUARTERLY INSPECTION UPON DISTRICT APPROVAL, AFTER TWO CONSECUTIVE MONTHS OF INSPECTIONS IN WHICH ONLY TWO PERCENT OR LESS OF THE FUGITIVE COMPONENTS ARE DETECTED TO LEAK OVER 500 PPM<sub>v</sub> ABOVE BACKGROUND.

ALL COMPONENTS IN VOC SERVICE, WITH A LEAK GREATER THAN 500 PPM<sub>v</sub> BUT LESS THAN 1,000 PPM<sub>v</sub> MEASURED AS METHANE ABOVE BACKGROUND USING EPA REFERENCE METHOD 21, SHALL BE REPAIRED WITHIN 14 DAYS OF DETECTION. A LEAK OF 1,000 PPM<sub>v</sub> OR GREATER SHALL BE REPAIRED ACCORDING TO RULE 1173.

THE RECORDS OF THE MONTHLY INSPECTION, SUBSEQUENT REPAIRS AND RE-INSPECTIONS, IF ANY, SHALL BE MAINTAINED FOR TWO YEARS ( FIVE YEARS FOR A TITLE V FACILITY) IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST  
[RULE 1303(a)(1)-BACT]

10. THIS PERMIT TO CONSTRUCT SHALL EXPIRE ONE YEAR FROM THE DATE OF ISSUANCE UNLESS AN EXTENSION IS GRANTED BY THE EXECUTIVE OFFICER.  
[RULE 205]

**Periodic Monitoring:**

NONE

**Emissions and Requirements:**

1. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES OR REGULATIONS:

VOC: RULE 462 0.08 LBS/1000 GAL ORGANIC LIQUID LOADED  
VOC: 40CFR 60 SUBPART XX 35 MG/L GASOLINE LOADED



**FACILITY PERMIT TO OPERATE  
EXXONMOBIL OIL CORP**

**PERMIT TO CONSTRUCT**

**A/N 527779  
Granted: 6/15/12**

**Equipment Description:**

MODIFICATION OF TANK TRUCK LOADING BAY NO. 2 CONSISTING OF:

1. SIX GASOLINE PRODUCT BOTTOM LOADING ARMS, EACH WITH A 4" EMCO WHEATON DRY BREAK COUPLER.
2. TWO DIESEL FUEL BOTTOM LOADING ARMS, EACH WITH A 4" EMCO WHEATON DRY BREAK COUPLER.
3. TWO 4" VAPOR RETURN LINES.
4. TWO UNLEADED GASOLINE PUMPS, 75 HP EACH, WITH MECHANICAL SEALS, COMMON TO LOADING BAYS 1, 2, 3, 4, AND 5.
5. FIVE UNLEADED GASOLINE PUMPS, 100 HP EACH, WITH MECHANICAL SEALS, COMMON TO LOADING BAYS 1, 2, 3, 4, AND 5.
6. TWO DIESEL FUEL PUMPS, 75 HP EACH, WITH MECHANICAL SEALS, COMMON TO LOADING BAYS 1, 2, 3, AND 4.
7. TWO ETHANOL PUMPS, 75 HP EACH, WITH MECHANICAL SEALS, COMMON TO LOADING BAYS 1, 2, 3, 4, AND 5.

BY THE FOLLOWING:

1. ADDITION OF VERICONN (OR EQUIVALENT) HOSE CONNECTION VERIFICATION SYSTEM TO THE TWO 4" VAPOR RETURN LINES.

**Conditions:**

1. CONSTRUCTION AND 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]

**FACILITY PERMIT TO OPERATE  
EXXONMOBIL OIL CORP**

**PERMIT TO CONSTRUCT**

**A/N 527779  
Granted: 6/15/12  
(Continued)**

3. THE TOTAL COMBINED LOADING RATE OF LOADING RACK NOS. 1 THROUGH 5 SHALL NOT EXCEED 11,968 GALLONS PER MINUTE. THE OPERATOR SHALL USE A FLOW METER TO MEASURE THE FLOW RATE IN GALLONS PER MINUTE FOR EACH RACK, SHALL USE AN AUTOMATIC RECORDER TO RECORD THE FLOW/LOADING RATE OF EACH RACK IN GALLONS PER MINUTE, AND SHALL MAKE AVAILABLE THE LOADING RATE RECORDS TO DISTRICT PERSONNEL UPON REQUEST.  
[RULE 1303(a)(1)-BACT]
4. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 3,726,000 GALLON(S) PER DAY.
  - A. FOR THE PURPOSE OF THIS CONDITION, THROUGHPUT SHALL BE DEFINED AS THE TOTAL QUANTITY OF GASOLINE LOADED INTO TANK TRUCKS FROM LOADING BAY NOS. 1 THROUGH 5 COMBINED.
  - B. THE OPERATOR SHALL MAINTAIN RECORDS IN A MANNER APPROVED BY THE DISTRICT TO DEMONSTRATE COMPLIANCE WITH THIS CONDITION.[RULE 1303(b)(2)-Offset, RULE 462]
5. THE OPERATOR SHALL NOT OPERATE THIS EQUIPMENT UNLESS IT IS VENTED TO A CARBON ADSORBER OR THERMAL OXIDIZER, WHICH IS IN FULL USE AND HAS BEEN ISSUED A PERMIT TO OPERATE BY THE EXECUTIVE OFFICER  
[RULE 1303(a)(1)-BACT; RULE 462; 40CFR 60 Subpart XX]
6. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 2,500,000 GALLON(S) PER DAY WHILE THE LOADING FACILITY IS VENTED TO ANY ONE CONTROL SYSTEM.
  - A. FOR THE PURPOSE OF THIS CONDITION, THROUGHPUT SHALL BE DEFINED AS THE TOTAL QUANTITY OF GASOLINE LOADED INTO TANK TRUCKS FROM LOADING BAY NOS. 1 THROUGH 5, COMBINED, WHILE THE LOADING RACKS ARE VENTING TO THE "VAPOR CONTROL SYSTEM (CARBON ADSORPTION SYSTEM)".
  - B. WHENEVER THE LOADING THROUGHPUT FOR THIS BULK LOADING FACILITY APPROACHES 2,500,000 GALLONS PER DAY, THE OPERATOR SHALL DIVERT THE VAPORS FROM THE LOADING OPERATION FROM THE CARBON ADSORPTION SYSTEM TO THE THERMAL OXIDIZER (OR VICE VERSA).



**FACILITY PERMIT TO OPERATE  
EXXONMOBIL OIL CORP**

**PERMIT TO CONSTRUCT**

A/N 527779  
Granted: 6/15/12  
(Continued)

- C. THE OPERATOR SHALL MAINTAIN RECORDS IN A MANNER APPROVED BY THE DISTRICT TO DEMONSTRATE COMPLIANCE WITH THIS CONDITION.  
[RULE 462]
7. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 391,000 GALLON(S) PER DAY.
- A. FOR THE PURPOSE OF THIS CONDITION, THROUGHPUT SHALL BE DEFINED AS THE LOADING RATE OF ETHANOL THROUGH LOADING BAY NO. 5.
- B. THE OPERATOR SHALL MAINTAIN RECORDS IN A MANNER APPROVED BY THE DISTRICT TO DEMONSTRATE COMPLIANCE WITH THIS CONDITION.  
[RULE 1303(b)(2)-Offset]
8. IN ADDITION TO THE RECORDS REQUIRED UNDER RULE 462, THE LOADING THROUGHPUT RECORDS SHALL BE MAINTAINED FOR FIVE YEARS IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.  
[RULE 1303(b)(2)-Offset, RULE 462]
9. THE FOLLOWING BACT REQUIREMENTS SHALL APPLY TO VOC SERVICE FUGITIVE COMPONENTS ASSOCIATED WITH THIS EQUIPMENT:
- ALL VALVES SHALL BE BELLOWS-SEAL VALVES, EXCEPT IN THE FOLLOWING APPLICATIONS: VALVES IN HEAVY LIQUID SERVICE, CONTROL VALVES, INSTRUMENT PIPING/TUBING VALVES, VALVES REQUIRING TORSIONAL VALVE STEM MOTION, APPLICATIONS WHERE VALVE FAILURE COULD POSE SAFETY HAZARD (E.G., DRAIN VALVES WITH VALVE STEMS IN A HORIZONTAL POSITION), RETROFITS/SPECIAL APPLICATION VALVES WITH SPACE LIMITATIONS, AND VALVES NOT COMMERCIALY AVAILABLE. THE DISTRICT SHALL APPROVE ALL EXCEPTIONS TO THIS REQUIREMENT.
- ALL VALVES AND NEW MAJOR COMPONENTS SHALL BE PHYSICALLY IDENTIFIED IN THE FIELD WITH SPECIAL MARKINGS THAT DISTINGUISH THE COMPONENTS FROM NON-BACT COMPONENTS. ADDITIONALLY, ALL NEW COMPONENTS SHALL BE IDENTIFIED AS BACT COMPONENTS IN THE RECORDS.



**FACILITY PERMIT TO OPERATE  
EXXONMOBIL OIL CORP**

**PERMIT TO CONSTRUCT**

**A/N 527779  
Granted: 6/15/12  
(Continued)**

THE OPERATOR SHALL PROVIDE TO THE DISTRICT, NO LATER THAT 60 DAYS AFTER INITIAL STARTUP, PROCESS INSTRUMENTATION DIAGRAMS (OR SOME OTHER DISTRICT APPROVED DIAGRAMS) THAT IDENTIFY ALL VALVES. THE OPERATOR SHALL ALSO PROVIDE A LISTING OF ALL VALVES INSTALLED OR REMOVED, CATEGORIZED BY LOCATION, TYPE, SIZE, ACCESSIBILITY, AND SERVICE; AND FOR ALL NON-BELLOWS SEALED VALVES, REASON(S) WHY BELLOW SEAL VALVES WERE NOT USED. THE OPERATOR SHALL ALSO SUBMIT A RECALCULATION OF THE FUGITIVE EMISSIONS BASED ON ACTUAL COMPONENTS INSTALLED AND REMOVED FROM SERVICE.

ALL COMPONENTS IN VOC SERVICE, EXCEPT THOSE SPECIFICALLY EXEMPTED IN RULE 1173, SHALL BE INSPECTED MONTHLY USING EPA REFERENCE METHOD 21. THE OPERATOR MAY REVERT TO A QUARTERLY INSPECTION UPON DISTRICT APPROVAL, AFTER TWO CONSECUTIVE MONTHS OF INSPECTIONS IN WHICH ONLY TWO PERCENT OR LESS OF THE FUGITIVE COMPONENTS ARE DETECTED TO LEAK OVER 500 PPM<sub>v</sub> ABOVE BACKGROUND.

ALL COMPONENTS IN VOC SERVICE, WITH A LEAK GREATER THAN 500 PPM<sub>v</sub> BUT LESS THAN 1,000 PPM<sub>v</sub> MEASURED AS METHANE ABOVE BACKGROUND USING EPA REFERENCE METHOD 21, SHALL BE REPAIRED WITHIN 14 DAYS OF DETECTION. A LEAK OF 1,000 PPM<sub>v</sub> OR GREATER SHALL BE REPAIRED ACCORDING TO RULE 1173.

THE RECORDS OF THE MONTHLY INSPECTION, SUBSEQUENT REPAIRS AND RE-INSPECTIONS, IF ANY, SHALL BE MAINTAINED FOR TWO YEARS ( FIVE YEARS FOR A TITLE V FACILITY) IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST  
[RULE 1303(a)(1)-BACT]

- 10. THIS PERMIT TO CONSTRUCT SHALL EXPIRE ONE YEAR FROM THE DATE OF ISSUANCE UNLESS AN EXTENSION IS GRANTED BY THE EXECUTIVE OFFICER.  
[RULE 205]

**Periodic Monitoring:**

NONE

**Emissions and Requirements:**

- 1. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES OR REGULATIONS:

VOC: RULE 462                      0.08 LBS/1000 GAL ORGANIC LIQUID LOADED  
VOC: 40CFR 60 SUBPART XX    35 MG/L GASOLINE LOADED



**FACILITY PERMIT TO OPERATE  
EXXONMOBIL OIL CORP**

**PERMIT TO CONSTRUCT**

**A/N 527780  
Granted: 6/15/12**

**Equipment Description:**

MODIFICATION OF TANK TRUCK LOADING BAY NO. 3 CONSISTING OF:

1. SIX GASOLINE PRODUCT BOTTOM LOADING ARMS, EACH WITH A 4" EMCO WHEATON DRY BREAK COUPLER.
2. TWO DIESEL FUEL BOTTOM LOADING ARMS, EACH WITH A 4" EMCO WHEATON DRY BREAK COUPLER.
3. TWO 4" VAPOR RETURN LINES.
4. TWO UNLEADED GASOLINE PUMPS, 75 HP EACH, WITH MECHANICAL SEALS, COMMON TO LOADING BAYS 1,2,3,4, AND 5.
5. FIVE UNLEADED GASOLINE PUMPS, 100 HP EACH, WITH MECHANICAL SEALS, COMMON TO LOADING BAYS 1,2,3,4, AND 5.
6. TWO DIESEL FUEL PUMPS, 75 HP EACH, WITH MECHANICAL SEALS, COMMON TO LOADING BAYS 1,2, 3, AND 4.
7. TWO ETHANOL PUMPS, 75 HP EACH, WITH MECHANICAL SEALS, COMMON TO LOADING BAYS 1, 2, 3, 4, AND 5.

BY THE FOLLOWING:

1. ADDITION OF VERICONN (OR EQUIVALENT) HOSE CONNECTION VERIFICATION SYSTEM TO THE TWO 4" VAPOR RETURN LINES.

**Conditions:**

1. CONSTRUCTION AND 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]

**FACILITY PERMIT TO OPERATE  
EXXONMOBIL OIL CORP**

**PERMIT TO CONSTRUCT**

**A/N 527780  
Granted: 6/15/12  
(Continued)**

3. THE TOTAL COMBINED LOADING RATE OF LOADING RACK NOS. 1 THROUGH 5 SHALL NOT EXCEED 11,968 GALLONS PER MINUTE. THE OPERATOR SHALL USE A FLOW METER TO MEASURE THE FLOW RATE IN GALLONS PER MINUTE FOR EACH RACK, SHALL USE AN AUTOMATIC RECORDER TO RECORD THE FLOW/LOADING RATE OF EACH RACK IN GALLONS PER MINUTE, AND SHALL MAKE AVAILABLE THE LOADING RATE RECORDS TO DISTRICT PERSONNEL UPON REQUEST.  
[RULE 1303(a)(1)-BACT]
4. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 3,726,000 GALLON(S) PER DAY.
  - A. FOR THE PURPOSE OF THIS CONDITION, THROUGHPUT SHALL BE DEFINED AS THE TOTAL QUANTITY OF GASOLINE LOADED INTO TANK TRUCKS FROM LOADING BAY NOS. 1 THROUGH 5 COMBINED.
  - B. THE OPERATOR SHALL MAINTAIN RECORDS IN A MANNER APPROVED BY THE DISTRICT TO DEMONSTRATE COMPLIANCE WITH THIS CONDITION.  
[RULE 1303(b)(2)-Offset, RULE 462]
5. THE OPERATOR SHALL NOT OPERATE THIS EQUIPMENT UNLESS IT IS VENTED TO A CARBON ADSORBER OR THERMAL OXIDIZER, WHICH IS IN FULL USE AND HAS BEEN ISSUED A PERMIT TO OPERATE BY THE EXECUTIVE OFFICER  
[RULE 1303(a)(1)-BACT; RULE 462; 40CFR 60 Subpart XX]
6. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 2,500,000 GALLON(S) PER DAY WHILE THE LOADING FACILITY IS VENTED TO ANY ONE CONTROL SYSTEM.
  - A. FOR THE PURPOSE OF THIS CONDITION, THROUGHPUT SHALL BE DEFINED AS THE TOTAL QUANTITY OF GASOLINE LOADED INTO TANK TRUCKS FROM LOADING BAY NOS. 1 THROUGH 5, COMBINED, WHILE THE LOADING RACKS ARE VENTING TO THE "VAPOR CONTROL SYSTEM (CARBON ADSORPTION SYSTEM)".
  - B. WHENEVER THE LOADING THROUGHPUT FOR THIS BULK LOADING FACILITY APPROACHES 2,500,000 GALLONS PER DAY, THE OPERATOR SHALL DIVERT THE VAPORS FROM THE LOADING OPERATION FROM THE CARBON ADSORPTION SYSTEM TO THE THERMAL OXIDIZER (OR VICE VERSA).



**FACILITY PERMIT TO OPERATE  
EXXONMOBIL OIL CORP**

**PERMIT TO CONSTRUCT**

**A/N 527780  
Granted: 6/15/12  
(Continued)**

- C. THE OPERATOR SHALL MAINTAIN RECORDS IN A MANNER APPROVED BY THE DISTRICT TO DEMONSTRATE COMPLIANCE WITH THIS CONDITION.  
[RULE 462]
7. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 391,000 GALLON(S) PER DAY.
- A. FOR THE PURPOSE OF THIS CONDITION, THROUGHPUT SHALL BE DEFINED AS THE LOADING RATE OF ETHANOL THROUGH LOADING BAY NO. 5.
- B. THE OPERATOR SHALL MAINTAIN RECORDS IN A MANNER APPROVED BY THE DISTRICT TO DEMONSTRATE COMPLIANCE WITH THIS CONDITION.  
[RULE 1303(b)(2)-Offset]
8. IN ADDITION TO THE RECORDS REQUIRED UNDER RULE 462, THE LOADING THROUGHPUT RECORDS SHALL BE MAINTAINED FOR FIVE YEARS IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.  
[RULE 1303(b)(2)-Offset, RULE 462]
9. THE FOLLOWING BACT REQUIREMENTS SHALL APPLY TO VOC SERVICE FUGITIVE COMPONENTS ASSOCIATED WITH THIS EQUIPMENT:
- ALL VALVES SHALL BE BELLOW-SEAL VALVES, EXCEPT IN THE FOLLOWING APPLICATIONS: VALVES IN HEAVY LIQUID SERVICE, CONTROL VALVES, INSTRUMENT PIPING/TUBING VALVES, VALVES REQUIRING TORSIONAL VALVE STEM MOTION, APPLICATIONS WHERE VALVE FAILURE COULD POSE SAFETY HAZARD (E.G., DRAIN VALVES WITH VALVE STEMS IN A HORIZONTAL POSITION), RETROFITS/SPECIAL APPLICATION VALVES WITH SPACE LIMITATIONS, AND VALVES NOT COMMERCIALY AVAILABLE. THE DISTRICT SHALL APPROVE ALL EXCEPTIONS TO THIS REQUIREMENT.
- ALL VALVES AND NEW MAJOR COMPONENTS SHALL BE PHYSICALLY IDENTIFIED IN THE FIELD WITH SPECIAL MARKINGS THAT DISTINGUISH THE COMPONENTS FROM NON-BACT COMPONENTS. ADDITIONALLY, ALL NEW COMPONENTS SHALL BE IDENTIFIED AS BACT COMPONENTS IN THE RECORDS.

**FACILITY PERMIT TO OPERATE  
EXXONMOBIL OIL CORP**

**PERMIT TO CONSTRUCT**

**A/N 527780  
Granted: 6/15/12  
(Continued)**

THE OPERATOR SHALL PROVIDE TO THE DISTRICT, NO LATER THAN 60 DAYS AFTER INITIAL STARTUP, PROCESS INSTRUMENTATION DIAGRAMS (OR SOME OTHER DISTRICT APPROVED DIAGRAMS) THAT IDENTIFY ALL VALVES. THE OPERATOR SHALL ALSO PROVIDE A LISTING OF ALL VALVES INSTALLED OR REMOVED, CATEGORIZED BY LOCATION, TYPE, SIZE, ACCESSIBILITY, AND SERVICE; AND FOR ALL NON-BELLOWS SEALED VALVES, REASON(S) WHY BELLOW SEAL VALVES WERE NOT USED. THE OPERATOR SHALL ALSO SUBMIT A RECALCULATION OF THE FUGITIVE EMISSIONS BASED ON ACTUAL COMPONENTS INSTALLED AND REMOVED FROM SERVICE.

ALL COMPONENTS IN VOC SERVICE, EXCEPT THOSE SPECIFICALLY EXEMPTED IN RULE 1173, SHALL BE INSPECTED MONTHLY USING EPA REFERENCE METHOD 21. THE OPERATOR MAY REVERT TO A QUARTERLY INSPECTION UPON DISTRICT APPROVAL, AFTER TWO CONSECUTIVE MONTHS OF INSPECTIONS IN WHICH ONLY TWO PERCENT OR LESS OF THE FUGITIVE COMPONENTS ARE DETECTED TO LEAK OVER 500 PPM<sub>v</sub> ABOVE BACKGROUND.

ALL COMPONENTS IN VOC SERVICE, WITH A LEAK GREATER THAN 500 PPM<sub>v</sub> BUT LESS THAN 1,000 PPM<sub>v</sub> MEASURED AS METHANE ABOVE BACKGROUND USING EPA REFERENCE METHOD 21, SHALL BE REPAIRED WITHIN 14 DAYS OF DETECTION. A LEAK OF 1,000 PPM<sub>v</sub> OR GREATER SHALL BE REPAIRED ACCORDING TO RULE 1173.

THE RECORDS OF THE MONTHLY INSPECTION, SUBSEQUENT REPAIRS AND RE-INSPECTIONS, IF ANY, SHALL BE MAINTAINED FOR TWO YEARS ( FIVE YEARS FOR A TITLE V FACILITY) IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST  
[RULE 1303(a)(1)-BACT]

10. THIS PERMIT TO CONSTRUCT SHALL EXPIRE ONE YEAR FROM THE DATE OF ISSUANCE UNLESS AN EXTENSION IS GRANTED BY THE EXECUTIVE OFFICER.  
[RULE 205]

**Periodic Monitoring:**

NONE

**Emissions and Requirements:**

1. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES OR REGULATIONS:

VOC: RULE 462                      0.08 LBS/1000 GAL ORGANIC LIQUID LOADED  
VOC: 40CFR 60 SUBPART XX    35 MG/L ORGANIC LIQUID LOADED



**FACILITY PERMIT TO OPERATE  
EXXONMOBIL OIL CORP**

**PERMIT TO CONSTRUCT**

**A/N 527781  
Granted: 6/15/12**

**Equipment Description:**

MODIFICATION OF TANK TRUCK LOADING BAY NO. 4 CONSISTING OF:

1. SIX GASOLINE PRODUCT BOTTOM LOADING ARMS, EACH WITH A 4" EMCO WHEATON DRY BREAK COUPLER.
2. TWO DIESEL FUEL BOTTOM LOADING ARMS, EACH WITH A 4" EMCO WHEATON DRY BREAK COUPLER.
3. TWO 4" VAPOR RETURN LINES.
4. TWO UNLEADED GASOLINE PUMPS, 75 HP EACH, WITH MECHANICAL SEALS, COMMON TO LOADING BAYS 1,2,3,4, AND 5.
5. FIVE UNLEADED GASOLINE PUMPS, 100 HP EACH, WITH MECHANICAL SEALS, COMMON TO LOADING BAYS 1,2,3,4, AND 5.
6. TWO DIESEL FUEL PUMPS, 75 HP EACH, WITH MECHANICAL SEALS, COMMON TO LOADING BAYS 1,2, 3, AND 4.
7. TWO ETHANOL PUMPS, 75 HP EACH, WITH MECHANICAL SEALS, COMMON TO LOADING BAYS 1, 2, 3, 4, AND 5.

BY THE FOLLOWING:

1. ADDITION OF VERICONN (OR EQUIVALENT) HOSE CONNECTION VERIFICATION SYSTEM TO THE TWO 4" VAPOR RETURN LINES.

**Conditions:**

1. CONSTRUCTION AND 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]



**FACILITY PERMIT TO OPERATE  
EXXONMOBIL OIL CORP**

**PERMIT TO CONSTRUCT**

**A/N 527781  
Granted: 6/15/12  
(Continued)**

3. THE TOTAL COMBINED LOADING RATE OF LOADING RACK NOS. 1 THROUGH 5 SHALL NOT EXCEED 11,968 GALLONS PER MINUTE. THE OPERATOR SHALL USE A FLOW METER TO MEASURE THE FLOW RATE IN GALLONS PER MINUTE FOR EACH RACK, SHALL USE AN AUTOMATIC RECORDER TO RECORD THE FLOW/LOADING RATE OF EACH RACK IN GALLONS PER MINUTE, AND SHALL MAKE AVAILABLE THE LOADING RATE RECORDS TO DISTRICT PERSONNEL UPON REQUEST.  
[RULE 1303(a)(1)-BACT]
4. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 3,726,000 GALLON(S) PER DAY.
  - A. FOR THE PURPOSE OF THIS CONDITION, THROUGHPUT SHALL BE DEFINED AS THE TOTAL QUANTITY OF GASOLINE LOADED INTO TANK TRUCKS FROM LOADING BAY NOS. 1 THROUGH 5 COMBINED.
  - B. THE OPERATOR SHALL MAINTAIN RECORDS IN A MANNER APPROVED BY THE DISTRICT TO DEMONSTRATE COMPLIANCE WITH THIS CONDITION.  
[RULE 1303(b)(2)-Offset, RULE 462]
5. THE OPERATOR SHALL NOT OPERATE THIS EQUIPMENT UNLESS IT IS VENTED TO A CARBON ADSORBER OR THERMAL OXIDIZER, WHICH IS IN FULL USE AND HAS BEEN ISSUED A PERMIT TO OPERATE BY THE EXECUTIVE OFFICER  
[RULE 1303(a)(1)-BACT; RULE 462; 40CFR 60 Subpart XX]
6. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 2,500,000 GALLON(S) PER DAY WHILE THE LOADING FACILITY IS VENTED TO ANY ONE CONTROL SYSTEM.
  - A. FOR THE PURPOSE OF THIS CONDITION, THROUGHPUT SHALL BE DEFINED AS THE TOTAL QUANTITY OF GASOLINE LOADED INTO TANK TRUCKS FROM LOADING BAY NOS. 1 THROUGH 5, COMBINED, WHILE THE LOADING RACKS ARE VENTING TO THE "VAPOR CONTROL SYSTEM (CARBON ADSORPTION SYSTEM)".
  - B. WHENEVER THE LOADING THROUGHPUT FOR THIS BULK LOADING FACILITY APPROACHES 2,500,000 GALLONS PER DAY, THE OPERATOR SHALL DIVERT THE VAPORS FROM THE LOADING OPERATION FROM THE CARBON ADSORPTION SYSTEM TO THE THERMAL OXIDIZER (OR VICE VERSA).



**FACILITY PERMIT TO OPERATE  
EXXONMOBIL OIL CORP**

**PERMIT TO CONSTRUCT**

A/N 527781  
Granted: 6/15/12  
(Continued)

- C. THE OPERATOR SHALL MAINTAIN RECORDS IN A MANNER APPROVED BY THE DISTRICT TO DEMONSTRATE COMPLIANCE WITH THIS CONDITION.  
[RULE 462]
7. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 391,000 GALLON(S) PER DAY.
- A. FOR THE PURPOSE OF THIS CONDITION, THROUGHPUT SHALL BE DEFINED AS THE LOADING RATE OF ETHANOL THROUGH LOADING BAY NO. 5.
- B. THE OPERATOR SHALL MAINTAIN RECORDS IN A MANNER APPROVED BY THE DISTRICT TO DEMONSTRATE COMPLIANCE WITH THIS CONDITION.  
[RULE 1303(b)(2)-Offset]
8. IN ADDITION TO THE RECORDS REQUIRED UNDER RULE 462, THE LOADING THROUGHPUT RECORDS SHALL BE MAINTAINED FOR FIVE YEARS IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.  
[RULE 1303(b)(2)-Offset, RULE 462]
9. THE FOLLOWING BACT REQUIREMENTS SHALL APPLY TO VOC SERVICE FUGITIVE COMPONENTS ASSOCIATED WITH THIS EQUIPMENT:
- ALL VALVES SHALL BE BELLOWS-SEAL VALVES, EXCEPT IN THE FOLLOWING APPLICATIONS: VALVES IN HEAVY LIQUID SERVICE, CONTROL VALVES, INSTRUMENT PIPING/TUBING VALVES, VALVES REQUIRING TORSIONAL VALVE STEM MOTION, APPLICATIONS WHERE VALVE FAILURE COULD POSE SAFETY HAZARD (E.G., DRAIN VALVES WITH VALVE STEMS IN A HORIZONTAL POSITION), RETROFITS/SPECIAL APPLICATION VALVES WITH SPACE LIMITATIONS, AND VALVES NOT COMMERCIALY AVAILABLE. THE DISTRICT SHALL APPROVE ALL EXCEPTIONS TO THIS REQUIREMENT.
- ALL VALVES AND NEW MAJOR COMPONENTS SHALL BE PHYSICALLY IDENTIFIED IN THE FIELD WITH SPECIAL MARKINGS THAT DISTINGUISH THE COMPONENTS FROM NON-BACT COMPONENTS. ADDITIONALLY, ALL NEW COMPONENTS SHALL BE IDENTIFIED AS BACT COMPONENTS IN THE RECORDS.

**FACILITY PERMIT TO OPERATE  
EXXONMOBIL OIL CORP**

**PERMIT TO CONSTRUCT**

**A/N 527783  
Granted: 6/15/12  
(Continued)**

THE OPERATOR SHALL PROVIDE TO THE DISTRICT, NO LATER THAT 60 DAYS AFTER INITIAL STARTUP, PROCESS INSTRUMENTATION DIAGRAMS (OR SOME OTHER DISTRICT APPROVED DIAGRAMS) THAT IDENTIFY ALL VALVES. THE OPERATOR SHALL ALSO PROVIDE A LISTING OF ALL VALVES INSTALLED OR REMOVED, CATEGORIZED BY LOCATION, TYPE, SIZE, ACCESSIBILITY, AND SERVICE; AND FOR ALL NON-BELLOWS SEALED VALVES, REASON(S) WHY BELLOW SEAL VALVES WERE NOT USED. THE OPERATOR SHALL ALSO SUBMIT A RECALCULATION OF THE FUGITIVE EMISSIONS BASED ON ACTUAL COMPONENTS INSTALLED AND REMOVED FROM SERVICE.

ALL COMPONENTS IN VOC SERVICE, EXCEPT THOSE SPECIFICALLY EXEMPTED IN RULE 1173, SHALL BE INSPECTED MONTHLY USING EPA REFERENCE METHOD 21. THE OPERATOR MAY REVERT TO A QUARTERLY INSPECTION UPON DISTRICT APPROVAL, AFTER TWO CONSECUTIVE MONTHS OF INSPECTIONS IN WHICH ONLY TWO PERCENT OR LESS OF THE FUGITIVE COMPONENTS ARE DETECTED TO LEAK OVER 500 PPM<sub>v</sub> ABOVE BACKGROUND.

ALL COMPONENTS IN VOC SERVICE, WITH A LEAK GREATER THAN 500 PPM<sub>v</sub> BUT LESS THAN 1,000 PPM<sub>v</sub> MEASURED AS METHANE ABOVE BACKGROUND USING EPA REFERENCE METHOD 21, SHALL BE REPAIRED WITHIN 14 DAYS OF DETECTION. A LEAK OF 1,000 PPM<sub>v</sub> OR GREATER SHALL BE REPAIRED ACCORDING TO RULE 1173.

THE RECORDS OF THE MONTHLY INSPECTION, SUBSEQUENT REPAIRS AND RE-INSPECTIONS, IF ANY, SHALL BE MAINTAINED FOR TWO YEARS ( FIVE YEARS FOR A TITLE V FACILITY) IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST  
[RULE 1303(a)(1)-BACT]

10. THIS PERMIT TO CONSTRUCT SHALL EXPIRE ONE YEAR FROM THE DATE OF ISSUANCE UNLESS AN EXTENSION IS GRANTED BY THE EXECUTIVE OFFICER.  
[RULE 205]

**Periodic Monitoring:**

NONE

**Emissions and Requirements:**

1. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES OR REGULATIONS:

VOC: RULE 462 0.08 LBS/1000 GAL ORGANIC LIQUID LOADED  
VOC: 40CFR 60 SUBPART XX 35 MG/L GASOLINE LOADED



**FACILITY PERMIT TO OPERATE  
EXXONMOBIL OIL CORP**

**PERMIT TO CONSTRUCT**

**A/N 527782  
Granted: 6/15/12**

**Equipment Description:**

**MODIFICATION OF TANK TRUCK LOADING BAY NO. 5 CONSISTING OF:**

1. TWO ETHANOL PRODUCT BOTTOM LOADING ARMS, EACH WITH A 4" EMCO WHEATON DRY BREAK COUPLER.
2. FOUR GASOLINE PRODUCT BOTTOM LOADING ARMS, EACH WITH A 4" EMCO WHEATON DRY BREAK COUPLER.
3. TWO 4" VAPOR RETURN LINES.
4. TWO UNLEADED GASOLINE PUMPS, 75 HP EACH, WITH MECHANICAL SEALS, COMMON TO LOADING BAYS 1,2,3,4, AND 5.
5. FIVE UNLEADED GASOLINE PUMPS, 100 HP EACH, WITH MECHANICAL SEALS, COMMON TO LOADING BAYS 1,2,3,4, AND 5.
6. TWO ETHANOL PUMPS, 75 HP EACH, WITH MECHANICAL SEALS, COMMON TO LOADING BAYS 1, 2, 3, 4, AND 5.

**BY THE FOLLOWING:**

1. ADDITION OF VERICONN (OR EQUIVALENT) HOSE CONNECTION VERIFICATION SYSTEM TO THE TWO 4" VAPOR RETURN LINES.

**Conditions:**

1. CONSTRUCTION AND 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 TOTAL COMBINED LOADING RATE OF LOADING RACK NOS. 1 THROUGH 5 SHALL NOT EXCEED 11,968 GALLONS PER MINUTE. THE OPERATOR SHALL USE A FLOW METER TO MEASURE THE FLOW RATE IN GALLONS PER MINUTE FOR EACH RACK, SHALL USE AN AUTOMATIC RECORDER TO RECORD THE FLOW/LOADING RATE OF EACH RACK IN GALLONS



**FACILITY PERMIT TO OPERATE  
EXXONMOBIL OIL CORP**

**PERMIT TO CONSTRUCT**

**A/N 527782  
Granted: 6/15/12  
(Continued)**

PER MINUTE, AND SHALL MAKE AVAILABLE THE LOADING RATE RECORDS TO DISTRICT PERSONNEL UPON REQUEST.  
[RULE 1303(a)(1)-BACT]

4. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 3,726,000 GALLON(S) PER DAY.
  - A. FOR THE PURPOSE OF THIS CONDITION, THROUGHPUT SHALL BE DEFINED AS THE TOTAL QUANTITY OF GASOLINE LOADED INTO TANK TRUCKS FROM LOADING BAY NOS. 1 THROUGH 5 COMBINED.
  - B. THE OPERATOR SHALL MAINTAIN RECORDS IN A MANNER APPROVED BY THE DISTRICT TO DEMONSTRATE COMPLIANCE WITH THIS CONDITION.  
[RULE 1303(b)(2)-Offset, RULE 462]
5. THE OPERATOR SHALL NOT OPERATE THIS EQUIPMENT UNLESS IT IS VENTED TO A CARBON ADSORBER OR THERMAL OXIDIZER, WHICH IS IN FULL USE AND HAS BEEN ISSUED A PERMIT TO OPERATE BY THE EXECUTIVE OFFICER  
[RULE 1303(a)(1)-BACT; RULE 462; 40CFR 60 Subpart XX]
6. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 2,500,000 GALLON(S) PER DAY WHILE THE LOADING FACILITY IS VENTED TO ANY ONE CONTROL SYSTEM.
  - A. FOR THE PURPOSE OF THIS CONDITION, THROUGHPUT SHALL BE DEFINED AS THE TOTAL QUANTITY OF GASOLINE LOADED INTO TANK TRUCKS FROM LOADING BAY NOS. 1 THROUGH 5, COMBINED, WHILE THE LOADING RACKS ARE VENTING TO THE "VAPOR CONTROL SYSTEM (CARBON ADSORPTION SYSTEM)".
  - B. WHENEVER THE LOADING THROUGHPUT FOR THIS BULK LOADING FACILITY APPROACHES 2,500,000 GALLONS PER DAY, THE OPERATOR SHALL DIVERT THE VAPORS FROM THE LOADING OPERATION FROM THE CARBON ADSORPTION SYSTEM TO THE THERMAL OXIDIZER (OR VICE VERSA).
  - C. THE OPERATOR SHALL MAINTAIN RECORDS IN A MANNER APPROVED BY THE DISTRICT TO DEMONSTRATE COMPLIANCE WITH THIS CONDITION.  
[RULE 462]



**FACILITY PERMIT TO OPERATE  
EXXONMOBIL OIL CORP**

**PERMIT TO CONSTRUCT**

A/N 527782  
Granted: 6/15/12  
(Continued)

7. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 391,000 GALLON(S) PER DAY.

A. FOR THE PURPOSE OF THIS CONDITION, THROUGHPUT SHALL BE DEFINED AS THE LOADING RATE OF ETHANOL THROUGH LOADING BAY NO. 5.

B. THE OPERATOR SHALL MAINTAIN RECORDS IN A MANNER APPROVED BY THE DISTRICT TO DEMONSTRATE COMPLIANCE WITH THIS CONDITION.

[RULE 1303(b)(2)-Offset]

8. IN ADDITION TO THE RECORDS REQUIRED UNDER RULE 462, THE LOADING THROUGHPUT RECORDS SHALL BE MAINTAINED FOR FIVE YEARS IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.

[RULE 1303(b)(2)-Offset, RULE 462]

9. THE FOLLOWING BACT REQUIREMENTS SHALL APPLY TO VOC SERVICE FUGITIVE COMPONENTS ASSOCIATED WITH THIS EQUIPMENT:

ALL VALVES SHALL BE BELLOWS-SEAL VALVES, EXCEPT IN THE FOLLOWING APPLICATIONS: VALVES IN HEAVY LIQUID SERVICE, CONTROL VALVES, INSTRUMENT PIPING/TUBING VALVES, VALVES REQUIRING TORSIONAL VALVE STEM MOTION, APPLICATIONS WHERE VALVE FAILURE COULD POSE SAFETY HAZARD (E.G., DRAIN VALVES WITH VALVE STEMS IN A HORIZONTAL POSITION), RETROFITS/SPECIAL APPLICATION VALVES WITH SPACE LIMITATIONS, AND VALVES NOT COMMERCIALY AVAILABLE. THE DISTRICT SHALL APPROVE ALL EXCEPTIONS TO THIS REQUIREMENT.

ALL VALVES AND NEW MAJOR COMPONENTS SHALL BE PHYSICALLY IDENTIFIED IN THE FIELD WITH SPECIAL MARKINGS THAT DISTINGUISH THE COMPONENTS FROM NON-BACT COMPONENTS. ADDITIONALLY, ALL NEW COMPONENTS SHALL BE IDENTIFIED AS BACT COMPONENTS IN THE RECORDS.

THE OPERATOR SHALL PROVIDE TO THE DISTRICT, NO LATER THAT 60 DAYS AFTER INITIAL STARTUP, PROCESS INSTRUMENTATION DIAGRAMS (OR SOME OTHER DISTRICT APPROVED DIAGRAMS) THAT IDENTIFY ALL VALVES. THE OPERATOR SHALL ALSO PROVIDE A LISTING OF ALL VALVES INSTALLED OR REMOVED, CATEGORIZED BY LOCATION, TYPE, SIZE, ACCESSIBILITY, AND SERVICE; AND FOR ALL NON-BELLOWS SEALED VALVES, REASON(S) WHY BELLOWS SEAL VALVES WERE NOT USED. THE OPERATOR SHALL ALSO SUBMIT A RECALCULATION OF THE FUGITIVE EMISSIONS BASED ON ACTUAL COMPONENTS INSTALLED AND REMOVED FROM SERVICE.



**FACILITY PERMIT TO OPERATE  
EXXONMOBIL OIL CORP**

**PERMIT TO CONSTRUCT**

**A/N 527782  
Granted: 6/15/12  
(Continued)**

ALL COMPONENTS IN VOC SERVICE, EXCEPT THOSE SPECIFICALLY EXEMPTED IN RULE 1173, SHALL BE INSPECTED MONTHLY USING EPA REFERENCE METHOD 21. THE OPERATOR MAY REVERT TO A QUARTERLY INSPECTION UPON DISTRICT APPROVAL, AFTER TWO CONSECUTIVE MONTHS OF INSPECTIONS IN WHICH ONLY TWO PERCENT OR LESS OF THE FUGITIVE COMPONENTS ARE DETECTED TO LEAK OVER 500 PPM<sub>v</sub> ABOVE BACKGROUND.

ALL COMPONENTS IN VOC SERVICE, WITH A LEAK GREATER THAN 500 PPM<sub>v</sub> BUT LESS THAN 1,000 PPM<sub>v</sub> MEASURED AS METHANE ABOVE BACKGROUND USING EPA REFERENCE METHOD 21, SHALL BE REPAIRED WITHIN 14 DAYS OF DETECTION. A LEAK OF 1,000 PPM<sub>v</sub> OR GREATER SHALL BE REPAIRED ACCORDING TO RULE 1173.

THE RECORDS OF THE MONTHLY INSPECTION, SUBSEQUENT REPAIRS AND RE-INSPECTIONS, IF ANY, SHALL BE MAINTAINED FOR TWO YEARS ( FIVE YEARS FOR A TITLE V FACILITY) IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST  
[RULE 1303(a)(1)-BACT]

- 10. THIS PERMIT TO CONSTRUCT SHALL EXPIRE ONE YEAR FROM THE DATE OF ISSUANCE UNLESS AN EXTENSION IS GRANTED BY THE EXECUTIVE OFFICER.  
[RULE 205]

**Periodic Monitoring:**

NONE

**Emissions and Requirements:**

- 1. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES OR REGULATIONS:

VOC: RULE 462                      0.08 LBS/1000 GAL ORGANIC LIQUID LOADED  
VOC: 40CFR 60 SUBPART XX    35 MG/L GASOLINE LOADED



## FACILITY PERMIT TO OPERATE EXXONMOBIL OIL CORPORATION

### 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
298654	463
531875	462

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.



# South Coast Air Quality Management District

21865 E. Copley Drive, Diamond Bar, CA 91765-4182  
(909) 396-2000 • <http://www.aqmd.gov>

January 15, 1999  
ID No. 070993  
Application No. 298654

Mr. Craig Sakamoto  
Environmental Advisor  
Mobil Oil Corporation  
2709 East 37<sup>th</sup> Street  
Vernon, CA 90058

Dear Mr. Craig Sakamoto:

Subject: Compliance Plan for Rule 463(e)(1)(A)  
Equipment Location: 2709 East 37<sup>th</sup> Street, Vernon, CA 90058

The Rule 463 Compliance and Maintenance Plan you submitted on October 2, 1998 for the Mobil Vernon Terminal is complete and is approved as submitted.

You are required to comply with all information as submitted with your Compliance Plan application, including the inspection schedule and the list of certified auditors. Changes to this plan that involve modifications or additions to your equipment inventory list require a new application for plan modification to update and reflect your current operations per Rule 463(e). Additionally, any changes to the inspection schedule or the list of certified auditors must be provided to the District in writing.

If you need additional information regarding this approval, please contact Mira Schwab at (909) 396-3116.

Sincerely,

A handwritten signature in black ink, appearing to read 'Pang Mueller', is written over a horizontal line.

Pang Mueller  
Senior Manager  
Refinery, Energy and OCS Team  
Stationary Source Compliance

cc: Mira Schwab



**RULE 462 CONTINUOUS MONITORING SYSTEM (CMS) COMPLIANCE PLAN  
FACILITY ID 800171 -EXXONMOBIL OIL CORP. - VERNON TERMINAL**

**CONTINUOUS MONITORING SYSTEM (CMS) EQUIPMENT**

CONTINUOUS MONITORING SYSTEM (CMS) CONSISTING OF AN INFRARED INDUSTRIES, MODEL IR-7761, GAS ANALYZER AND A YOKOGAWA DAQSTATION DX1000 SERIES (OR EQUIVALENT) RECORDER SERVING A JOHN ZINK CARBON ADSORPTION SYSTEM

AND

CONTINUOUS PARAMETER MONITORING SYSTEM (CPMS) CONSISTING OF A THERMAL SENSOR TYPE K THERMOCOUPLE AND STRIP CHART RECORDER, RUSTRAK SERIES 200, 0 – 2000°F., SERVING A JOHN ZINK THERMAL OXIDIZER.

**CONDITIONS APPLICABLE TO THE CMS SERVING THE JOHN ZINK CARBON ADSORPTION SYSTEM:**

1. The operator shall conduct the operation of this CMS in compliance with all data and specifications submitted with the plan application under which this approval is granted, unless otherwise noted below.
2. The CMS shall sample and analyze gas from the outlet of the carbon canisters to accurately measure the Nonmethane Hydrocarbon (NMHC) concentration at the exhaust of vapor recovery unit.
3. The CMS shall provide and the data recorder shall retain the instantaneous NMHC concentration and a continuous 15-minute average NMHC concentration, measured at the exhaust of the vapor recovery system (carbon adsorbers).
4. The operator shall maintain a display of the NMHC concentrations in a location accessible to District personnel.
5. Daily calibration error tests shall be performed on the CMS at the low (0-20 percent) and high (80-100 percent) ranges of concentration. The calibration error shall not exceed 2.5 percent of the full scale range.
6. Testing of the CMS for relative accuracy (RA) and calibration drift, as described in 40 CFR 60 Appendix B, shall be conducted in conjunction with the vapor recovery system (carbon adsorbers) performance testing required by the permit for the vapor recovery system (carbon adsorbers).
7. The operator shall ensure that the CMS is properly maintained and kept in good operating condition at all times and that it meets applicable requirements of 40 CFR 63.427 and 40 CFR 60 Appendix B, Specification 8. The applicability of 40 CFR 63.427 is pursuant to AQMD rule 462(f)(2) and does not necessarily imply that the facility is a major source of Hazardous Air Pollutants (HAPs).
8. The operator shall maintain the recording device in proper operation at all times such that it is accurately synchronized with the correct time of day.



**RULE 462 CONTINUOUS MONITORING SYSTEM (CMS) COMPLIANCE PLAN  
FACILITY ID 800171 - EXXONMOBIL OIL CORP. - VERNON TERMINAL**

9. The recording device shall archive data in a secure encrypted format to nonvolatile data storage. Instantaneous readings shall be recorded at a frequency of not less than once per minute. The recorder/software shall be capable of displaying and printing out plots of the NMHC concentration within 3 hours of a request. Where external storage media is used, it shall be replaced at a sufficient frequency to ensure that the amount of stored data is at no more than 90% of the storage capacity of the media.
10. The operator shall notify the executive officer, within 24 hours, in the event of a CMS or recorder failure or shutdown for repair, which exceeds one hour. The notification shall include the cause and time of the failure, the time the recorder returned to operation, maintenance or corrective work performed and actions taken to prevent such failures in the future. The CMS or recorder shall be restored to normal operation within 96 hours of the failure.
11. The operator shall keep records on site to show compliance with conditions required by this plan. Such records shall be kept for at least five years and made available to District personnel upon request.

**CONDITIONS APPLICABLE TO THE CMS SERVING THE JOHN ZINK THERMAL OXIDIZER:**

1. The operator shall conduct the operation of this CMS in compliance with all data and specifications submitted with the plan application under which this approval is granted, unless otherwise noted below.
2. The thermocouple shall be located at a position not less than 22 feet 6 inches above ground within the exhaust stack of the thermal oxidizer to accurately measure the temperature of the exhaust gas. This sampling location has been determined to meet the requirements of 40 CFR 63.427(a)(3).
3. The operator shall maintain a digital readout of the temperature of the thermal oxidizer exhaust gas in a location accessible to District personnel.
4. The operator shall calibrate the thermocouple/chart recorder once a year, in accordance with manufacturer's specifications, such that the overall accuracy is within +/- 1% of the actual value or +/- 2.2 degrees Celsius, whichever is greater.
5. The operator shall ensure that the CMS is properly maintained and kept in good operating condition at all times and that it meets applicable requirements of 40 CFR 63.427. The applicability of 40 CFR 63.427 is pursuant to AQMD rule 462(f)(2) and does not necessarily imply that the facility is a major source of Hazardous Air Pollutants (HAPs).
6. The operator shall maintain and operate the CMS to accurately record the temperature in the exhaust stack of the thermal oxidizer at all time as specified in these conditions.
7. The operator shall maintain the recording device in proper operation at all times such that it is accurately synchronized with the correct time of day.



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**RULE 462 CONTINUOUS MONITORING SYSTEM (CMS) COMPLIANCE PLAN  
FACILITY ID 800171 -EXXONMOBIL OIL CORP. - VERNON TERMINAL**

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8. The range of the strip chart recorder shall be set such that the minimum combustion temperature, stated in the Permit to Construct or Permit to Operate issued for the air pollution control system, is between 30% and 90% of full scale.
9. The operator shall notify the executive officer, within 24 hours, in the event of a CMS or recorder failure or shutdown for repair, which exceeds one hour. The notification shall include the cause and time of the failure, the time the recorder returned to operation, maintenance or corrective work performed and actions taken to prevent such failures in the future. The CMS or recorder shall be restored to normal operation within 96 hours of the failure.
10. The operator shall keep records on site to show compliance with conditions required by this plan. Such records shall be kept for at least five years and made available to District personnel upon request.