



South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

January 21, 2016

Ms. Donna DiRocco
Tesoro Logistics Operations LLC Long Beach Terminal, ID 172878
1300 Pier B Street
Long Beach, California 90813

Dear Ms. DiRocco:

Enclosed are the revised Title Page, Table of Contents, Section D and Section K of your Title V Facility Permit for Tesoro Logistics Operations LLC Long Beach Terminal located at 820 Carrack Avenue, Long Beach, California 90813. The revised Sections reflect the changes.

Section D: PERMITS TO OPERATE (TO BE ISSUED AS PERMITS TO CONSTRUCT/OPERATE)

New Application No.	Previous Application No. Permit No.	Description
569165	None	Installing an internal combustion engine, emergency electrical generator.
572674	544083 G26548	This storage tank will be modified by adding two 40 h.p. mixers to the side of the tank.

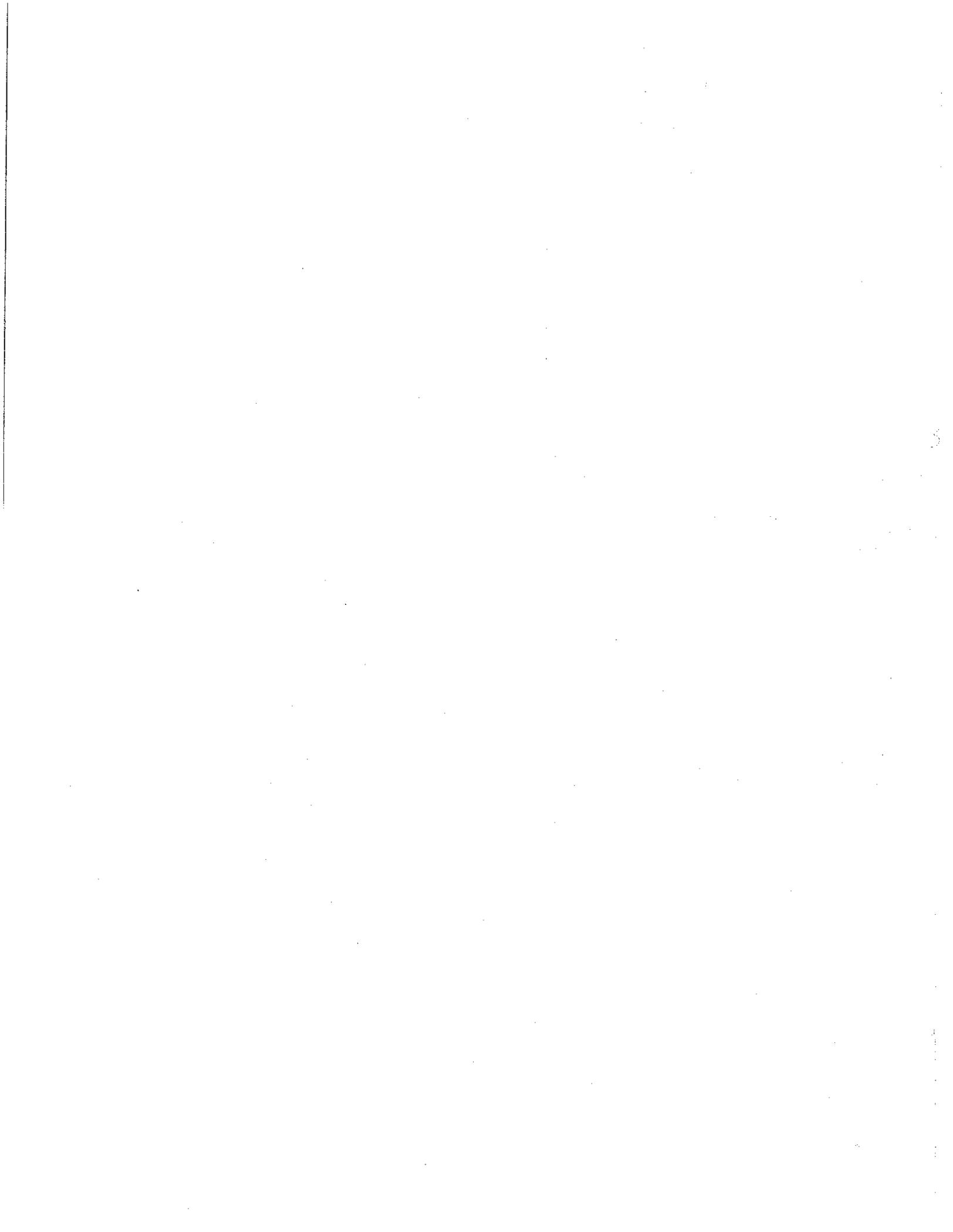
This proposed significant permit revision to Section D was submitted to the EPA for 45-day review on November 20, 2015. This project is a significant project therefore a public notice was required. The notice was published on November 27, 2015 in the Press Telegram, Long Beach and available for viewing at the Long Beach Central Library during the 30-day comment period. No comments were received from the EPA or the public.

Please review the attached sections carefully. Insert the enclosed sections into your Title V Facility Permit and discard the earlier versions. If you determine that there are administrative errors, or if you have any questions concerning changes to your permit, please contact Mr. Sean Cullins, Air Quality Engineer, at (909) 396-2655 within 30 days of the receipt of your permit.

Very truly yours,

Andrew Y. Lee, P.E.
Senior Manager
Engineering & Compliance

AYL:CDT:SKC
Enclosure
cc: (w/enclosure)
Geraldo Rios, EPA
Central File
Compliance
A/N 572654





FACILITY PERMIT TO OPERATE

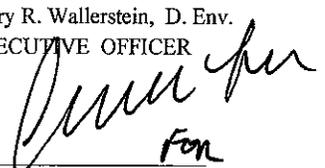
**TESORO LOGISTICS OPERATIONS LLC LONG BEA
820 CARRACK AVE
LONG BEACH, CA 90813**

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
TESORO LOGISTICS OPERATIONS LLC LONG BEA**

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**FACILITY PERMIT TO OPERATE
TESORO LOGISTICS OPERATIONS LLC LONG BEACH**

**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
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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
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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
TESORO LOGISTICS OPERATIONS LLC LONG BEACH**

FACILITY WIDE CONDITION(S)

Condition(s):

1. 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, 1303(b)(2)-OFFSET)
2. THIS FACILITY SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF RULE 1173 AND 40 CFR 63 SUBPART Y (MINOR SOURCE).
[RULE 1173, 40 CFR 63 SUBPART Y]



**FACILITY PERMIT TO OPERATE
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PERMIT TO OPERATE

**Permit No. G26541
A/N 544077**

Equipment Description:

MARINE VESSEL LOADING/UNLOADING, BERTH 86, CONSISTING OF:

1. THREE LOADING/UNLOADING ARMS, EACH 10" DIA.
2. TWO LOADING/UNLOADING ARMS, EACH 8" DIA.
3. TWO 6" DIA. BARGE LOADING/UNLOADING CONNECTIONS, WITH 6" DIA. HOSES.
4. EIGHT 8" DIA. LUBE OIL LOADING/UNLOADING CONNECTIONS, EACH WITH 6" DIA. HOSES.
5. PUMP P-1480 (FUEL OIL/CUTTER STOCK/DIESEL), CENTRIFUGAL, WITH MECHANICAL SEAL AND 75 HP MOTOR (COMMON TO MARINE VESSEL LOADING/UNLOADING SYSTEM AT BERTH 84A).
6. PUMP P-1481 (FUEL OIL/CUTTER STOCK/DIESEL), CENTRIFUGAL, WITH MECHANICAL SEAL AND 125 HP MOTOR (COMMON TO MARINE VESSEL LOADING/UNLOADING SYSTEM AT BERTH 84A).
7. PUMP P-1482 (FUEL OIL/CUTTER STOCK/DIESEL), CENTRIFUGAL, WITH MECHANICAL SEAL AND 450 HP MOTOR 8 (COMMON TO MARINE VESSEL LOADING/UNLOADING SYSTEM AT BERTH 84A).
8. PUMP P-1483 (FUEL OIL/BUNKER FUEL), CENTRIFUGAL, WITH MECHANICAL SEAL AND 450 HP MOTOR (COMMON TO MARINE VESSEL LOADING/UNLOADING SYSTEM AT BERTH 84A).
9. PIG LAUNCHING/RETRIEVING SYSTEM, CRUDE OILS (COMMON TO MARINE VESSEL LOADING/UNLOADING SYSTEM AT BERTH 84A).
10. PIG LAUNCHING/RETRIEVING SYSTEM, DIESEL OILS (COMMON TO MARINE VESSEL LOADING/UNLOADING SYSTEM AT BERTH 84A).

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]



**FACILITY PERMIT TO OPERATE
TESORO LOGISTICS OPERATIONS LLC LONG BEACH**

Periodic Monitoring: None

Emissions and Requirements:

- 3) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: 2 LBS/1000 BBLS LIQUID LOADED OR 95 % REDUCTION BY WEIGHT OF UNCONTROLLED EMISSIONS, RULE 1142



FACILITY PERMIT TO OPERATE
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PERMIT TO OPERATE

Permit No. G26544
A/N 544079

Equipment Description:

MARINE VESSEL LOADING/UNLOADING, BERTH 84A, CONSISTING OF:

1. TWO CRUDE OIL LOADING/UNLOADING ARMS, EACH 10" DIA.
2. TWO LOADING/UNLOADING ARMS, EACH 10" DIA.
3. ONE LOADING/UNLOADING ARM, 8" DIA.
4. TWO BARGE LOADING/UNLOADING CONNECTIONS, EACH WITH 6" DIA. HOSES.
5. PUMP P-1480 (FUEL OIL/CUTTER STOCK/DIESEL FUEL), CENTRIFUGAL, WITH MECHANICAL SEAL AND 75 HP MOTOR (COMMON TO MARINE VESSEL LOADING/UNLOADING SYSTEM AT BERTH 86).
6. PUMP P-1481 (FUEL OIL/CUTTER STOCK/DIESEL FUEL), CENTRIFUGAL, WITH MECHANICAL SEAL AND 125 HP MOTOR (COMMON TO MARINE VESSEL LOADING/UNLOADING SYSTEM AT BERTH 86).
7. PUMP P-1482 (FUEL OIL/CUTTER STOCK/DIESEL FUEL), CENTRIFUGAL, WITH MECHANICAL SEAL AND 450 HP MOTOR (COMMON TO MARINE VESSEL LOADING/UNLOADING SYSTEM AT BERTH 86).
8. PUMP P-1483 (FUEL OIL/BUNKER FUEL), CENTRIFUGAL, WITH MECHANICAL SEAL AND 450 HP MOTOR (COMMON TO MARINE VESSEL LOADING/UNLOADING SYSTEM AT BERTH 86).
9. PIG LAUNCHING /RETRIEVING SYSTEM, GASOLINE, (COMMON TO MARINE VESSEL LOADING/UNLOADING SYSTEM AT BERTH 86).

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]



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Periodic Monitoring: None

Emissions and Requirements:

- 3) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: 2 LBS/1000 BBLS LIQUID LOADED OR 95 % REDUCTION BY WEIGHT OF UNCONTROLLED EMISSIONS, RULE 1142



**FACILITY PERMIT TO OPERATE
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PERMIT TO OPERATE

**Permit No. G26546
A/N 544080**

Equipment Description:

STORAGE TANK NO. 14000, FIXED ROOF, 50'-0" DIA. X 40'-0" H., 14,000 BARRELS CAPACITY.

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 NOT USE THIS EQUIPMENT WITH MATERIALS HAVING A TRUE VAPOR PRESSURE OF 0.5 PSIA OR GREATER UNDER ACTUAL OPERATING CONDITIONS.
[RULE 463]
- 4) THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

TYPE OF LIQUID STORED, ITS THROUGHPUT, AND ITS TRUE VAPOR PRESSURE UNDER ACTUAL STORAGE CONDITIONS.
[RULE 463]

Periodic Monitoring: None

Emissions and Requirements:

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

VOC: RULE 463
VOC: RULE 1149



**FACILITY PERMIT TO OPERATE
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PERMIT TO OPERATE

**Permit No. G26796
A/N 544081**

Equipment Description:

STORAGE TANK NO. 35001, FIXED ROOF, 80'-0" DIA. X 40'-0" H., 35,000 BARRELS CAPACITY.

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 NOT USE THIS EQUIPMENT WITH MATERIALS HAVING A TRUE VAPOR PRESSURE OF 0.5 PSIA OR GREATER UNDER ACTUAL OPERATING CONDITIONS.
[RULE 463]
- 4) THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETETER(S) OR ITEM(S):

TYPE OF LIQUID STORED, ITS THROUGHPUT, AND ITS TRUE VAPOR PRESSURE UNDER ACTUAL STORAGE CONDITIONS.
[RULE 463]

Periodic Monitoring: None

Emissions and Requirements:

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

VOC: RULE 463
VOC: RULE 1149



**FACILITY PERMIT TO OPERATE
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PERMIT TO OPERATE

**Permit No. G26547
A/N 544082**

Equipment Description:

STORAGE TANK NO. 35002, FIXED ROOF, 80'-0" DIA. X 40'-0" H., 35,000 BARRELS CAPACITY.

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 NOT USE THIS EQUIPMENT WITH MATERIALS HAVING A TRUE VAPOR PRESSURE OF 0.5 PSIA OR GREATER UNDER ACTUAL OPERATING CONDITIONS.
[RULE 463]
- 4) THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

TYPE OF LIQUID STORED, ITS THROUGHPUT, AND ITS TRUE VAPOR PRESSURE UNDER ACTUAL STORAGE CONDITIONS.
[RULE 463]

Periodic Monitoring: None

Emissions and Requirements:

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

VOC: RULE 463
VOC: RULE 1149



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PERMIT TO OPERATE

**Permit No. G26549
A/N 544084**

Equipment Description:

STORAGE TANK NO. 80099, FIXED ROOF, 120'-0" DIA. X 40'-0" H., 80,000 BARRELS CAPACITY.

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 NOT USE THIS EQUIPMENT WITH MATERIALS HAVING A TRUE VAPOR PRESSURE OF 0.5 PSIA OR GREATER UNDER ACTUAL OPERATING CONDITIONS.
[RULE 463]
- 4) THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

TYPE OF LIQUID STORED, ITS THROUGHPUT, AND ITS TRUE VAPOR PRESSURE UNDER ACTUAL STORAGE CONDITIONS.
[RULE 463]

Periodic Monitoring: None

Emissions and Requirements:

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

VOC: RULE 463
VOC: RULE 1149



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PERMIT TO OPERATE

**Permit No. G26550
A/N 544085**

Equipment Description:

MARINE VAPOR CONTROL SYSTEM, SERVING MARINE VESSEL LOADING/UNLOADING AT BERTH 84A, CONSISTING OF:

1. THERMAL OXIDIZER, MAXIMUM HEAT RELEASE RATING 86 MM BTU/HR 11'-0" DIA. X 50'-0" H. WITH TWO BURNERS, AND EQUIPPED WITH NATURAL GAS AUXILLARY FUEL.
2. TWO AIR ASSISTED BLOWERS, 5 HP EACH.
3. PURGE AIR BLOWER, 5 HP.
4. TWO OXYGEN ANALYZERS.
5. HEAT TRACING VAPOR BLOWER, 25 HP.
6. A CONDENSATE PUMP, 2 HP. (P-2814)
7. WATER SEAL DRUM 560 GALLONS.
8. TWO DETONATION ARRESTORS.

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 KEEP RECORDS TO DEMONSTRATE COMPLIANCE WITH THE CONDITIONS ON THIS PERMIT. SUCH RECORDS SHALL BE MAINTAINED FOR AT LEAST 5 YEARS AND SHALL BE MADE AVAILABLE TO THE DISTRICT STAFF UPON REQUEST.
[RULE 204, RULE 1142]

Periodic Monitoring:

- 4) THE OPERATOR SHALL OPERATE AND MAINTAIN THIS EQUIPMENT ACCORDING TO THE FOLLOWING REQUIREMENTS:



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WHENEVER THE THERMAL OXIDIZER IS IN OPERATION, A TEMPERATURE NOT LESS THAN 1400 DEGREES FAHRENHEIT SHALL BE MAINTAINED IN THE COMBUSTION CHAMBER WHEN THE EQUIPMENT IT SERVES IS IN OPERATION (MARINE VESSEL LOADING ONLY).

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 1,400 DEGREES FAHRENHEIT, AND KEEP RECORDS OF THE DURATION AND CAUSE (INCLUDING UNKNOWN CAUSE, IF APPLICABLE) OF THE DEVIATION AND THE CORRECTIVE ACTION TAKEN.

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 FOR A QUALITY IMPROVEMENT PLAN (QIP) IN ACCORDANCE WITH 40 CFR PART 64.8 TO THE SCAQMD 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 AQMD 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]



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- 5) A SOURCE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH THE REQUIRMENTS OF RULE 1142(C)(1)(B)(ii) ONCE EVERY 5 YEARS TO DETERMINE THE COMBUSTION EFFICIENCY OF THE UNIT AND THE COMPLIANCE REQUIREMENTS OF RULE 1142. THE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH THE TEST PROTOCOL APPROVED BY THE DISTRICT. THE TEST DATA SHALL BE KEPT FOR AT LEAST 5 YEARS AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1142, RULE 1303(a)(1) BACT, 3004(a)(4) PERIODIC MONITORING]

Emissions and Requirements:

- 6) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- CO: 2000 PPMV RULE 407
 - PM: RULE 404 - SEE APPENDIX B FOR EMISSION LIMITS
 - PM 0.1 GRAINS/SCF RULE 409
 - VOC: 2 LBS/1000 BBLS LIQUID LOADED OR 95% VOC REDUCTION BY WEIGHT FROM UNCONTROLLED EMISSIONS, RULE 1142



**FACILITY PERMIT TO OPERATE
TESORO LOGISTICS OPERATIONS LLC LONG BEACH**

PERMIT TO OPERATE

**Permit No. G26551
A/N 544086**

Equipment Description:

WASTE EFFLUENT COLLECTION SYSTEM, CONSISTING OF:

1. TANK NO. 35003, 80'-0" DIA. X 40'-0" H., 35,000 BARREL CAPACITY, STEAM COIL, PONTOON TYPE, EXTERNAL FLOATING ROOF, WITH PRIMARY SEAL AND SECONDARY WIPER SEAL.
2. SUMP, TANK FARM, 10'-0" W. X 20'-0" L. X 12'-0" D.
3. SUMP, PUMP MANIFOLD, 6'-0" W. X 6'-0" L. X 8'-0" D.
4. SUMP, SL/R-1, 6'-0" W. X 6'-0" L. X 10'-0" D.
5. PUMP, P-1503, VERTICAL TURBINE TYPE, WITH A MECHANICAL SEAL AND A 5 HP MOTOR, BERTH 86 SUMP.
6. PUMP, P-1504, VERTICAL TURBINE TYPE, WITH A MECHANICAL SEAL AND A 5 HP MOTOR, BERTH 85 SUMP.
7. PUMP, P-1505, VERTICAL TURBINE TYPE, WITH A MECHANICAL SEAL AND A 5 HP MOTOR, BERTH 84 SUMP.
8. PUMP, P-1506, VERTICAL TURBINE TYPE, WITH A MECHANICAL SEAL AND A 15 HP MOTOR.
9. PUMP, P-1507, VERTICAL TURBINE TYPE, WITH A MECHANICAL SEAL AND A 5 HP MOTOR.
10. PUMP, P-1508, SL/R-1 SUMP, VERTICAL TURBINE TYPE, WITH A MECHANICAL SEAL AND A 5 HP MOTOR.
11. PUMP, P-1601, VERTICAL TURBINE TYPE, WITH A MECHANICAL SEAL AND A 5 HP MOTOR, BERTH 84A SUMP.
12. DRAINAGE SUMP, BERTH 84, 30'-6" W. X 118'-0" L. X 5'-0" D.
13. DRAINAGE SUMP, BERTH 84A, 18'-0" W. X 48'-0" L. X 5'-0" D.
14. DRAINAGE SUMP, BERTH 85, 33'-6" W. X 20'-0" L. X 5'-0" D.
15. DRAINAGE SUMP, BERTH 86, 30'-6" W. X 160'-0" L. X 5'-0" D.



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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 NOT USE THIS EQUIPMENT TO RECOVER OIL FROM EFFLUENT WATER.
[RULE 204]

Periodic Monitoring: None

Emissions and Requirements: None



**FACILITY PERMIT TO OPERATE
TESORO LOGISTICS OPERATIONS LLC LONG BEACH**

PERMIT TO OPERATE

Permit No. G26552
A/N 544087

Equipment Description:

INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, DIESEL, CATERPILLAR, MODEL 3412 TA, 4 DEGREE TIMING RETARD, TURBOCHARGED AFTERCOOLED, 896 BHP.

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) SULFUR CONTENT OF DIESEL FUEL SUPPLIED TO THE ENGINE SHALL NOT EXCEED 15 PPM BY WEIGHT.
[RULE 431.2]
- 4) AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1470, RULE 1304(a)(4) MODELING AND OFFSET EXEMPTION]
- 5) THE OPERATOR SHALL NOT OPERATE THIS EQUIPMENT FOR MORE THAN 200 HOURS PER CALENDAR YEAR. OF THE TOTAL 200 HOURS OF OPERATION ALLOWED, NO MORE THAN 30 HOURS PER YEAR OF OPERATION SHALL BE FOR THE PURPOSE OF MAINTENANCE AND TESTING AS SPECIFIED IN RULE 1470(C)(3) (C)(I) & (II).
[RULE 1470, RULE 1304(a)(4) MODELING AND OFFSET EXEMPTION]
- 6) OPERATION BEYOND THE ALOTTED TIME FOR ENGINE MAINTENANCE AND TESTED SHALL BE ALLOWED ONLY IF THE OPERATOR COMPLIES WITH ALL APPLICABLE REQUIRMENTS SPECIFIED IN RULE 1470.
[RULE 1470]
- 7) THE OPERATOR SHALL KEEP RECORDS, IN THE MANNER APPROVED BY THE AQMD, FOR THE FOLLOWING PARAMETERS OR ITEMS:

DATE OF OPERATION, THE TIME READING IN HOURS AT THE BEGINNING AND END OF OPERATION, AND THE REASON FOR OPERATION (INCLUDE MAINTENANCE AND TESTING), THE TOTAL OPERATING HOURS AND THE TOTAL MAINTENANCE AND TESTING HOURS FOR EACH CALENDAR YEAR.



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RECORDS SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF 5 YEARS AND MADE AVAILABLE TO AQMD PERSONNEL UPON REQUEST.
[RULE 1470, RULE 1304(a)(4) MODELING AND OFFSET EXEMPTION]

Periodic Monitoring: None

Emissions and Requirements:

9) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM RULE 1470
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
HAP: 40 CFR 63 SUBPART ZZZZ



**FACILITY PERMIT TO OPERATE
TESORO LOGISTICS OPERATIONS LLC LONG BEACH**

PERMIT TO CONSTRUCT/OPERATE

**Permit No. G38847
A/N 569165**

Equipment Description:

INTERNAL COMBUSTION ENGINE, EMERGENCY ELECTRICAL GENERATOR, DIESEL, CUMMINS, MODEL QSB5-G3 NR3, 4 DEGREE TIMING RETARD, TURBOCHARGED AND AFTERCOOLED, 145 BHP.

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 OPERATOR SHALL OPERATE THIS ENGINE IN COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS OF SCAQMD RULES 431.2 AND 1470.
[RULE 431.2, RULE 1470]
- 4) THIS ENGINE SHALL NOT BE OPERATED MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 50 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING, AND NO MORE THAN 4.2 HOURS IN ANY ONE MONTH FOR MAINTENANCE AND TESTING.
[RULE 1470, RULE 1304(A)(4) MODELING AND OFFSET EXEMPTION]
- 5) OPERATING THE ENGINE BEYOND THE 50 HOURS PER YEAR ALLOTTED FOR ENGINE MAINTENANCE AND TESTING PURPOSES SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE UTILITY DISTRIBUTION COMPANY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE, ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.
[RULE 1470, RULE 1304(A)(4) MODELING AND OFFSET EXEMPTION]
- 6) AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1470, RULE 1304(A)(4) MODELING AND OFFSET EXEMPTION]
- 7) AN ENGINE OPERATING LOG SHALL BE KEPT AND MAINTAINED, DOCUMENTING THE TOTAL TIME THE ENGINE IS OPERATED EACH MONTH AND SPECIFIC REASON FOR OPERATION AS:



**FACILITY PERMIT TO OPERATE
TESORO LOGISTICS OPERATIONS LLC LONG BEACH**

- A. EMERGENCY USE,
- B. MAINTENANCE AND TESTING, OR
- C. OTHER (DESCRIBE THE REASON FOR OPERATING).

IN ADDITION, EACH TIME THE ENGINE IS MANUALLY STARTED, THE LOG SHALL INCLUDE THE DATE OF OPERATION, THE SPECIFIC REASON FOR OPERATION, AND THE TOTALIZING HOUR METER READING (IN HOURS AND TENTHS OR HOURS) AT THE BEGINNING AND END OF OPERATION.

[RULE 1470, RULE 1304(A)(4) MODELING AND OFFSET EXEMPTION]

- 8) ON OR BEFORE JANUARY 15TH OF EACH YEAR, THE OPERATOR SHALL RECORD IN THE ENGINE OPERATING LOG THE FOLLOWING:

- A. THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR, AND
- B. THE TOTAL HOURS OF ENGINE OPERATION FOR MAINTENANCE AND TESTING FOR THE PREVIOUS CALENDAR YEAR.

THE ENGINE OPERATING LOG SHALL BE RETAINED BY THE OPERATOR FOR A MINIMUM OF THREE CALENDAR YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR REPRESENTATIVE UPON REQUEST.

[RULE 1470, RULE 1304(A)(4) MODELING AND OFFSET EXEMPTION]

- 9) EMISSIONS FROM THIS ENGINE SHALL NOT EXCEED THE FOLLOWING LIMITS (IN GRAMS/BHP-HOUR):

NMHC + NOX	3.0
CO	2.6
PM (PM10)	0.15

[RULE 1470]

- 10) THIS EQUIPMENT SHALL BE OPERATED IN COMPLIANCE WITH ALL APPLICABLE REQUIREMENT OF 40 CFR PART 63 SUBPART ZZZZ – NATIONAL EMISSIONS STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR STATIONARY RECIPROCATING INTERNAL COMBUSTION ENGINES, AND 40 CFR PART 60 SUBPART III – STANDARDS OF PERFORMANCE FOR STATIONARY COMPRESSION IGNITION INTERNAL COMBUSTION ENGINES
[40 CFR PART 63 SUBPART ZZZZ, 40 CFR PART 60 SUBPART III]

- 11) THE OPERATOR SHALL OPERATE AND MAINTAIN THE STATIONARY ENGINE ACCORDING TO THE MANUFACTURER'S WRITTEN EMISSION-RELATED INSTRUCTIONS (OR PROCEDURES DEVELOPED BY THE OPERATOR THAT ARE APPROVED BY THE ENGINE MANUFACTURER), CHANGE ONLY THOSE EMISSION-RELATED SETTINGS THAT ARE PERMITTED BY THE MANUFACTURER, AND MEET THE REQUIREMENTS OF 40 CFR 89, 94 AND/OR 1068, AS THEY APPLY.
[40 CFR PART 60.4211 - SUBPART III]

- 12) THE OPERATOR SHALL COMPLY WITH THE EMISSION STANDARDS SPECIFIED IN 40 CFR 60.4205(B) BY PURCHASING AN ENGINE CERTIFIED TO THE EMISSION STANDARDS IN 40 CFR 60.4205(B), AS APPLICABLE, FOR THE SAME MODEL YEAR AND MAXIMUM ENGINE POWER. THE ENGINE MUST BE INSTALLED AND CONFIGURED ACCORDING TO THE MANUFACTURER'S



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EMISSION RELATED SPECIFICATIONS.
[40 CFR PART 60.4211 - SUBPART III]

- 13) THIS PERMIT TO CONSTRUCT/OPERATE SHALL EXPIRE IF CONSTRUCTION OF THIS EQUIPMENT IS NOT COMPLETED BY JANUARY 20, 2017 UNLESS AN EXTENSION IS GRANTED BY THE EXECUTIVE OFFICER.
[RULE 205]

Periodic Monitoring: None

Emissions and Requirements:

- 14) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- | | |
|-------------|--|
| PM | RULE 1470 |
| PM: | RULE 404, SEE APPENDIX B FOR EMISSION LIMITS |
| NMHC + NOX: | 40 CFR PART 63 SUBPART ZZZZ |
| NMHC + NOX: | 40 CFR PART 60 SUBPART III |



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PERMIT TO CONSTRUCT/OPERATE

**Permit No. G38856
A/N 572674**

Equipment Description:

MODIFICATION OF:

STORAGE TANK NO. 55001, FIXED ROOF, 100'-0" DIA. X 40'-0" H., 55,000 BARRELS CAPACITY,

BY THE ADDITION OF:

TWO MIXERS, SIDE MOUNTED, EACH WITH SINGLE MECHANICAL SEALS AND 40 H.P. MOTORS.

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 OPERATOR SHALL NOT USE THIS EQUIPMENT WITH MATERIALS HAVING A TRUE VAPOR PRESSURE OF 0.5 PSIA OR GREATER UNDER ACTUAL OPERATING CONDITIONS.
[RULE 463]
- 4) THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

TYPE OF LIQUID STORED, THROUGHPUT, AND ITS TRUE VAPOR PRESSURE UNDER ACTUAL STORAGE CONDITIONS
[RULE 463]
- 5) THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 53,157 BARREL(S) IN ANY ONE CALENDAR MONTH.

THE OPERATOR SHALL USE AN AUTOMATIC TANK LEVEL GAUGE (ATLG) TO CONTINUOUSLY MEASURE THE LIQUID SURFACE LEVEL MOVEMENT. TANK LIQUID SURFACE LEVEL DATA SHALL BE RECORDED HOURLY AND THESE HOURLY LEVELS WILL BE USED TO CALCULATE LEVEL CHANGES. THE HOURLY LEVEL READINGS SHALL BE USED TO CALCULATE THE TOTAL ONE-WAY LIQUID MOVEMENT, IN FEET, ON A MONTHLY BASIS.

THE OPERATOR SHALL CALCULATE MONTHLY THROUGHPUT BY THE FOLLOWING EQUATION:
 $5.9 \times D \times D \times L$, WHERE D IS THE DIAMETER OF THE TANK IN FEET AND L IS THE TOTAL ONE-



FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC LONG BEACH

WAY LIQUID TRAVEL IN FEET PER MONTH AS DETERMINED BY THE HOURLY LEVEL READINGS.

THE ATLG SHALL BE VERIFIED ONCE PER QUARTER BY COMPARING AGAINST A MANUAL TANK LEVEL MEASUREMENT. IF THE ATLG DIFFERS FROM THE MANUAL TANK LEVEL MEASUREMENT BY MORE THAN 1/4 INCH, THE ATLG SHALL BE REPAIRED. WHILE THE ATLG IS BEING REPAIRED, THROUGHPUT SHALL BE DETERMINED BY HOURLY TANK LEVEL DATA AVERAGED FOR THE PREVIOUS 30 DAYS, PRIOR TO THE DISCOVERY OF THE DISCREPANCY.

IN THE CASE OF A FAILURE OR SHUTDOWN OF THE MEASURING DEVICE AND/OR RECORDER, EXCLUDING ROUTINE MAINTENANCE, THE REQUIREMENTS OF THIS CONDITION SHALL NOT APPLY FOR A PERIOD NOT TO EXCEED 24 CONSECUTIVE HOURS FROM THE TIME OF ITS DISCOVERY. DURING THE PERIOD OF FAILURE OR SHUTDOWN, THROUGHPUT SHALL BE DETERMINED BY HOURLY LIQUID LEVEL DATA AVERAGED FOR THE PREVIOUS 30 CALENDAR DAYS.

IN THE CASE OF ROUTINE MAINTENANCE, THE REQUIREMENTS OF THIS CONDITION SHALL NOT APPLY FOR A PERIOD NOT TO EXCEED 4 HOURS IN ANY CALENDAR DAY. DURING THE PERIOD OF ROUTINE MAINTENANCE, THROUGHPUT SHALL BE DETERMINED BY HOURLY TANK LEVEL DATA AVERAGED FOR THE PREVIOUS 30 CALENDAR DAYS, UNLESS IT IS DOCUMENTED THAT THE LIQUID LEVEL DID NOT CHANGE BETWEEN THE BEGINNING AND END OF THE PERIOD OF ROUTINE MAINTENANCE.

THE OPERATOR SHALL KEEP MONTHLY RECORDS ON THE THROUGHPUT AND THE REID VAPOR PRESSURE FOR EACH COMMODITY STORED IN THE EQUIPMENT.

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

[RULE 1303(B)(2) - OFFSET]

- 13) THIS PERMIT TO CONSTRUCT/OPERATE SHALL EXPIRE IF CONSTRUCTION OF THIS EQUIPMENT IS NOT COMPLETED BY JANUARY 20, 2017 UNLESS AN EXTENSION IS GRANTED BY THE EXECUTIVE OFFICER.
[RULE 205]

Periodic Monitoring: None

Emissions and Requirements:

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

VOC: RULE 463
VOC: RULE 1149



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RULE 219 EQUIPMENT

Equipment Description:

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

Conditions:

1. THE OPERATOR SHALL KEEP RECORDS FOR A MINIMUM OF 5 YEARS, 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 109]

Periodic Monitoring: None

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



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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



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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 REGULATIONS:

REFRIGERANT: RULE 1415
REFRIGERANT: 40CFR 82 SUBPART F



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RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, CLEANING EQUIPMENT, SMALL UNHEATED, NON-CONVEYORIZED

Emissions And Requirements:

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

VOC: RULE 1122

VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS



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RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, PUMPS USED EXCLUSIVELY FOR PIPELINE TRANSFER OPERATIONS

Emissions And Requirements:

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

VOC: RULE 1173



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RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, FIRE EXTINGUISHING EQUIPMENT, HALONS

Emissions And Requirements:

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

HALON: RULE 1418



South Coast Air Quality Management District
21865 Copley Drive, Diamond Bar, CA 91765-4178





FACILITY PERMIT TO OPERATE TESORO LOGISTICS OPERATIONS LLC LONG BEA

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 TESORO LOGISTICS OPERATIONS LLC LONG BEA

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 TESORO LOGISTICS OPERATIONS LLC LONG BEA

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 TESORO LOGISTICS OPERATIONS LLC LONG BEA

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 TESORO LOGISTICS OPERATIONS LLC LONG BEA

SECTION K: TITLE V Administration EMERGENCY PROVISIONS

17. An emergency¹ 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]

¹ "Emergency" means any situation arising from sudden and reasonably unforeseeable events beyond the control of the operator, including acts of God, which: (A) requires immediate corrective action to restore normal operation; and (B) causes the facility to exceed a technology-based emission limitation under the permit, due to unavoidable increases in emissions attributable to the emergency; and (C) is not caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.



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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 TESORO LOGISTICS OPERATIONS LLC LONG BEA

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;



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- (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)]



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FACILITY RULES

This facility is subject to the following rules and regulations

With the exception of Rule 402, 473, 477, 1118 and Rules 1401 through 1420, the following rules that are designated as non-federally enforceable are pending EPA approval as part of the state implementation plan. Upon the effective date of that approval, the approved rule(s) will become federally enforceable, and any earlier versions of those rules will no longer be federally enforceable.

RULE SOURCE	Adopted/Amended Date	FEDERAL Enforceability
RULE 109	5-2-2003	Federally enforceable
RULE 1113	7-13-2007	Federally enforceable
RULE 1113	9-6-2013	Non federally enforceable
RULE 1122	10-1-2004	Federally enforceable
RULE 1122	5-1-2009	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 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 1304(a)-Modeling and Offset Exemption	6-14-1996	Federally enforceable
RULE 1402	3-4-2005	Non federally enforceable
RULE 1415	12-3-2010	Non federally enforceable
RULE 1418	9-10-1999	Non federally enforceable
RULE 1470	5-4-2012	Non federally enforceable
RULE 204	10-8-1993	Federally enforceable
RULE 217	1-5-1990	Federally enforceable
RULE 219	5-3-2013	Non federally enforceable



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RULE SOURCE	Adopted/Amended Date	FEDERAL Enforceability
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(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 405	2-7-1986	Federally enforceable
RULE 407	4-2-1982	Federally enforceable
RULE 408	5-7-1976	Federally enforceable
RULE 409	8-7-1981	Federally enforceable
RULE 430	7-12-1996	Non federally enforceable
RULE 431.2	5-4-1990	Federally enforceable
RULE 431.2	9-15-2000	Non federally enforceable
RULE 463	11-4-2011	Federally enforceable
RULE 701	6-13-1997	Federally enforceable
40CFR 60 Subpart IIII	1-30-2013	Federally enforceable
40CFR 63 Subpart Y, #1	9-19-1995	Federally enforceable
40CFR 63 Subpart ZZZZ_01	3-9-2011	Federally enforceable
40CFR 82 Subpart F	6-25-2013	Federally enforceable
40CFR Part 64	10-22-1997	Federally enforceable