



South Coast Air Quality Management District

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

May 23, 2014

Benjamin Martinez
District Operations Manager
Tesoro Logistics, Colton Terminal
8601 S. Garfield Ave.
South Gate, CA 90280

Subject: Tesoro Logistics, Colton Terminal (Facility ID No. 174705)
Title V Facility Permit Renewal

Dear Mr. Martinez:

Attached is your Title V Facility Permit renewal for Tesoro Logistics, Colton Terminal located at 2395 S. Riverside Ave., Bloomington. The proposed Title V permit renewal was submitted to EPA for 45-day review on March 7, 2014, and a public notice was issued on March 14, 2014. No comments were received from EPA or the Public regarding the proposed renewal requested under application no. 556855.

Please review the permit carefully. The operation of your facility is bound by the conditions and/or requirements stated in the facility Permit to Operate. If you have any questions concerning the changes to your permit, or if you determine any administrative error, please contact Mr. Ken Matsuda at (909) 396-2656 or by email at kmatsuda@aqmd.gov, within 30 days of the receipt of your permit.

Sincerely,

A handwritten signature in black ink, appearing to read 'Andrew Lee', is written over a large, faint circular stamp or watermark.

Andrew Lee, P.E.
Senior Manager
Energy/ Public Services and Waste Management/
Terminals Permitting

AYL:CDT:KKM
Enclosure

cc: (w/ enclosure)
Geraldo Rios, EPA Region IX
Compliance
Central File
Title V Application File



FACILITY PERMIT TO OPERATE

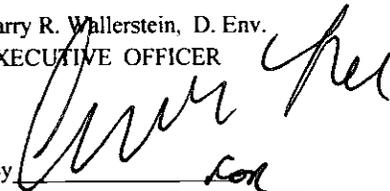
**TESORO LOGISTICS, COLTON TERMINAL
2395 RIVERSIDE AVE
BLOOMINGTON, CA 92316**

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, COLTON TERMINAL**

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**FACILITY PERMIT TO OPERATE
TESORO LOGISTICS, COLTON TERMINAL**

SECTION A: FACILITY INFORMATION

LEGAL OWNER &/OR OPERATOR: TESORO LOGISTICS, COLTON TERMINAL

LEGAL OPERATOR (if different than owner):

EQUIPMENT LOCATION: 2395 RIVERSIDE AVE
BLOOMINGTON, CA 92316

MAILING ADDRESS: 2395 S RIVERSIDE AVE
BLOOMINGTON, CA 92316-2931

RESPONSIBLE OFFICIAL: BENJAMIN MARTINEZ

TITLE: DIRECTOR, SW TERMINAL/FLEET OPERATIONS

TELEPHONE NUMBER: (562) 806-4105

CONTACT PERSON: RUTHANNE WALKER

TITLE: ENVIRONMENTAL COORDINATOR

TELEPHONE NUMBER: (562) 806-4105

TITLE V PERMIT ISSUED: May 23, 2014

TITLE V PERMIT EXPIRATION DATE: May 22, 2019

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



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

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**FACILITY PERMIT TO OPERATE
TESORO LOGISTICS, COLTON TERMINAL**

SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

NOT APPLICABLE



**FACILITY PERMIT TO OPERATE
TESORO LOGISTICS, COLTON TERMINAL**

SECTION C: FACILITY PLOT PLAN

(TO BE DEVELOPED)



**FACILITY PERMIT TO OPERATE
TESORO LOGISTICS, COLTON TERMINAL**

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

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



FACILITY PERMIT TO OPERATE TESORO LOGISTICS, COLTON TERMINAL

PERMITTED EQUIPMENT LIST

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

Application Number	Permit to Operate Number	Equipment Description	Page Number
552593	G29333	STORAGE TANK NO. 1, W/EXT FLOAT ROOF GASOLINE	4
552595	G29334	BULK LOAD TANK TRUCK (1 RACK) GASOLINE	5
552596	G29335	STORAGE TANK NO. 2, NW/ EXT FLOAT ROOF GASOLINE	6
552598	G29336	STORAGE TANK NO. 3, FX RF W/CTL PET MID DISTILLATE	7
552600	G29337	STORAGE TANK NO. 6, FX RF W/INT FLT GASOLINE	8
552601	G29338	STORAGE TANK NO. 7, FX RF W/INT FLT GASOLINE	9
552603	G29339	STORAGE TANK NO. 8, FX RF W/INT FLT GASOLINE	10
552606	G29340	STORAGE TANK NO. 10, FX RF W/INT FLT GASOLINE	11
552607	G29341	STORAGE TANK NO. 11, FX RF W/INT FLT GASOLINE	12
552611	G29343	STORAGE TANK NO. 15, FX RF W/INT FLT GASOLINE	14
552613	G29344	ETHANOL TRUCK UNLOADING	15
552614	G29345	STORAGE TANK, NO. 9, FX= RF W/INT FLT PET DISTIL	16
552616	G29346	RACK NO. 1, BULK LOAD/UNLOAD (>200,000 GPD) GASOLINE	17
552618	G29347	RACK NO. 2, BULK LOAD/UNLOAD (>200,000 GPD) GASOLINE	20
552619	G29348	RACK NO. 3, BULK LOAD/UNLOAD (>200,000 GPD) GASOLINE	23
552621	G29349	RACK NO. 4, BULK LOAD/UNLOAD (>200,000 GPD) GASOLINE	26
552623	G29350	VAPOR RECOVERY SERVING BULK LOADING RACKS 1, 2, 3, & 4	29

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, COLTON TERMINAL**

FACILITY WIDE CONDITION(S)

Condition(s):

1. EXCEPT FOR OPEN ABRASIVE BLASTING OPERATIONS, THE OPERATOR SHALL NOT DISCHARGE INTO THE ATMOSPHERE FROM ANY SINGLE SOURCE OF EMISSIONS WHATSOEVER ANY AIR CONTAMINANT FOR A PERIOD OR PERIODS AGGREGATING MORE THAN THREE MINUTES IN ANY ONE HOUR WHICH IS:
 - A. AS DARK OR DARKER IN SHADE AS THAT DESIGNATED NO. 1 ON THE RINGELMANN CHART, AS PUBLISHED BY THE UNITED STATES BUREAU OF MINES; OR
 - B. OF SUCH OPACITY AS TO OBSCURE AN OBSERVER'S VIEW TO A DEGREE EQUAL TO OR GREATER THAN DOES SMOKE DESCRIBED IN SUBPARAGRAPH (A) OF THIS CONDITION. [RULE 401]
2. THIS FACILITY SHALL BE OPERATED IN COMPLIANCE WITH THE APPLICABLE MINOR SOURCE REQUIREMENTS OF 40CFR63 SUBPART R. [40 CFR 63 SUBPART R]
3. 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)OFFSETS]
4. THIS FACILITY SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF 40 CFR60 SUBPART XX.
5. THIS FACILITY SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF 40CFR63 SUBPART BBBBBB. [40 CFR63 SUBPART BBBBBB]



**FACILITY PERMIT TO OPERATE
TESORO LOGISTICS, COLTON TERMINAL**

PERMIT TO OPERATE

**Permit No. G29333
A/N 552593**

Equipment Description:

TANK #1, GASOLINE STORAGE, EXTERNAL FLOATING ROOF, DOUBLE DECK TYPE, 80 FT. DIA. X 48 FT. HIGH, 1,764,000 GALLONS CAPACITY, WELDED SHELL, WITH A METALLIC SHOE TYPE PRIMARY SEAL AND RIM MOUNTED WIPER TYPE SECONDARY SEAL.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS TANK SHALL NOT BE USED FOR STORING PETROLEUM LIQUID HAVING A VAPOR PRESSURE OF 569 MM Hg (11 PSIA) OR GREATER UNDER ACTUAL STORAGE CONDITIONS.
[RULE 463, RULE 1313(g)]
4. THROUGHPUT TO THIS TANK OF ORGANIC LIQUIDS SHALL NOT EXCEED 60 TURNS PER YEAR. THROUGHPUT RECORDS, IN ADDITION TO THOSE RECORDS REQUIRED BY RULE 463(b)(4) SHALL BE AVAILABLE FOR INSPECTION BY AQMD PERSONNEL UPON REQUEST.
[RULE 1303(b)(2) OFFSETS, RULE 463, RULE 1313(g)]
5. THIS TANK SHALL NOT BE USED FOR STORING PURE ORGANIC COMPOUNDS.
[RULE 204]
6. THE OPERATOR SHALL KEEP RECORDS, IN MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
TYPE OF LIQUID STORED, THROUGHPUT, AND TRUE VAPOR PRESSURE OF LIQUIDS UNDER ACTUAL STORAGE CONDITIONS.
[RULE 463]

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC: RULE 463
VOC: RULE 1149



**FACILITY PERMIT TO OPERATE
TESORO LOGISTICS, COLTON TERMINAL**

PERMIT TO OPERATE

**Permit No. G29334
A/N 552595**

Equipment Description:

FUEL PUMP-BACK SYSTEM, CONSISTING OF:

1. TWO 4" CAM LOCK VAPOR TIGHT, HOSE TO PIPE CONNECTIONS FOR FUEL UNLOADING.
2. TWO 3" CAM LOCK VAPOR TIGHT, HOSE TO PIPE, CONNECTIONS FOR FUEL UNLOADING.
3. 2" CONNECTION FROM SUMP TO VAPOR RECOVERY SYSTEM.
4. FUEL UNLOADING PUMP WITH 25 HP MOTOR, TANDEM MECHANICAL SEAL AND VENTED TO VAPOR RECOVERY SYSTEM.
5. SUMP TANK, U/G 700 GAL. CAPACITY, 3' 9".
6. RELATED PIPING AND VALVES.

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 PUMP BACK SUMP SHALL BE VENTED TO AIR POLLUTION CONTROL DEVICE WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A PERMIT BY THE EXECUTIVE OFFICER.

VENT GASES FROM THE PUMP BACK SUMP SHALL BE VENTED TO THE ON-SITE VAPOR RECOVERY SYSTEM, OR ALTERNATIVELY TO THE THERMAL OXIDIZER OWNED AND OPERATED BY KINDER MORGAN ENERGY PARTNERS (FACILITY ID 800129).
[RULE 1303(a)(1)-BACT]

Periodic Monitoring: NONE

Emissions and Requirements: NONE



**FACILITY PERMIT TO OPERATE
TESORO LOGISTICS, COLTON TERMINAL**

PERMIT TO OPERATE

**Permit No. G29335
A/N 552596**

Equipment Description:

TANK #2, GASOLINE STORAGE, EXTERNAL FLOATING ROOF, DOUBLE DECK TYPE (WELDED), 80 FT. DIA. X 46 FT. HIGH, 1,680,000 GALLON CAPACITY; WITH A METALLIC SHOE TYPE PRIMARY SEAL (CATEGORY A); AND RIM MOUNTED WIPER TYPE SECONDARY SEAL (CATEGORY B OR BETTER).

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS TANK SHALL NOT BE USED FOR STORING PETROLEUM LIQUID HAVING A VAPOR PRESSURE OF 569 MM Hg (11 PSIA) OR GREATER UNDER ACTUAL STORAGE CONDITIONS.
[RULE 463, RULE 1313(g)]
4. THROUGHPUT TO THIS TANK OF ORGANIC LIQUIDS SHALL NOT EXCEED 60 TURNS PER YEAR. THROUGHPUT RECORDS, IN ADDITION TO THOSE RECORDS REQUIRED BY RULE 463(b)(4) SHALL BE AVAILABLE FOR INSPECTION BY AQMD PERSONNEL UPON REQUEST.
[RULE 1303(b)(2) OFFSETS, RULE 463, RULE 1313(g)]
5. THIS TANK SHALL NOT BE USED FOR STORING PURE ORGANIC COMPOUNDS.
[RULE 204]
6. THE OPERATOR SHALL KEEP RECORDS, IN MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
TYPE OF LIQUID STORED, THROUGHPUT, AND TRUE VAPOR PRESSURE OF LIQUIDS UNDER ACTUAL STORAGE CONDITIONS.
[RULE 463]

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC: RULE 463
VOC: RULE 1149



FACILITY PERMIT TO OPERATE TESORO LOGISTICS, COLTON TERMINAL

PERMIT TO OPERATE

Permit No. G29336
A/N 552598

Equipment Description:

TANK NO. 3, INTERNAL FLOATING ROOF (WELDED); 20,000 BBL CAPACITY, 60'-0" DIA. X 40'-0" H., WITH A METALLIC SHOE PRIMARY SEAL (CATEGORY A) AND A WIPER TYPE SECONDARY SEAL (CATEGORY B OR BETTER)

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
(RULE 204)
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
(RULE 204)
3. THE OPERATOR SHALL USE AN EXPLOSIMETER OR EQUIVALENT DEVICE TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF TWICE A YEAR AT 4 TO 8 MONTH INTERVALS. THE HYDROCARBON CONCENTRATION SHALL NOT EXCEED 50 PERCENT OF THE LOWER EXPLOSIVE LIMIT.
[RULE 463]
4. THE OPERATOR SHALL KEEP RECORDS, IN MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

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

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 TESORO LOGISTICS, COLTON TERMINAL

PERMIT TO OPERATE

Permit No. G29337
A/N 552600

Equipment Description:

TANK NO. 6, FIXED ROOF WITH A WELDED INTERNAL FLOATING PAN, 15'-0" DIA. X 16'-0" H., 17,900 GALLON CAPACITY, WELDED SHELL, WITH A VAPOR MOUNTED RESILIENT FOAM-FILLED PRIMARY SEAL AND A WIPER TYPE SECONDARY SEAL.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
(RULE 204)
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
(RULE 204)
3. THIS TANK SHALL NOT BE USED FOR STORING PETROLEUM LIQUID HAVING A VAPOR PRESSURE OF 569 MM HG (11 PSIA) OR GREATER UNDER ACTUAL STORAGE CONDITIONS.
[RULE 463, RULE 1313(g)]
4. THE OPERATOR SHALL USE AN EXPLOSIMETER OR EQUIVALENT DEVICE TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF TWICE A YEAR AT 4 TO 8 MONTH INTERVALS. THE HYDROCARBON CONCENTRATION SHALL NOT EXCEED 50 PERCENT OF THE LOWER EXPLOSIVE LIMIT.
[RULE 463]
5. FOUR 90 DEGREES RADIAL VAPOR BARRIERS (IMPEDERS) SHALL BE PROVIDED ON VAPOR-MOUNTED PRIMARY SEALS AND SHALL PENETRATE INTO THE PRODUCT LIQUID 2" OR MORE.
[RULE 1303(a)(1) - BACT]
6. THE OPERATOR SHALL KEEP RECORDS, IN MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

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

Periodic Monitoring: NONE

Emissions and Requirements:

7. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
VOC: RULE 463
VOC: RULE 1149



FACILITY PERMIT TO OPERATE TESORO LOGISTICS, COLTON TERMINAL

PERMIT TO OPERATE

Permit No. G29338
A/N 552601

Equipment Description:

TANK NO. 7, PETROLEUM PRODUCTS, INTERNAL FLOATING ROOF (WELDED), 60' DIA. X 33'-7" H., 20,000 BBL CAPACITY, WITH MECHANICAL SHOE PRIMARY SEAL AND WIPER TYPE SECONDARY SEAL.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
(RULE 204)
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
(RULE 204)
3. THIS TANK SHALL NOT BE USED FOR STORING ORGANIC LIQUID HAVING A VAPOR PRESSURE OF 11.0 PSIA OR GREATER UNDER ACTUAL STORAGE CONDITIONS.
[RULE 463, RULE 1303(b)(2) OFFSETS, RULE 1313(g)]
4. THE OPERATOR SHALL USE AN EXPLOSIMETER OR EQUIVALENT DEVICE TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF TWICE A YEAR AT 4 TO 8 MONTH INTERVALS. THE HYDROCARBON CONCENTRATION SHALL NOT EXCEED 50 PERCENT OF THE LOWER EXPLOSIVE LIMIT.
[RULE 463]
5. THE OPERATOR SHALL KEEP RECORDS, IN MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

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

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC: RULE 463
VOC: RULE 1149



FACILITY PERMIT TO OPERATE TESORO LOGISTICS, COLTON TERMINAL

PERMIT TO OPERATE

Permit No. G29339
A/N 552603

Equipment Description:

TANK NO. 8, GASOLINE STORAGE, INTERNAL FLOATING ROOF, WELDED PAN TYPE 73'-0" X 33'-10", 30,000 BBL (1,260,000 GAL.) CAPACITY, WELDED SHELL, WITH METALLIC SHOE PRIMARY SEAL AND WIPER TYPE SECONDARY SEAL

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
(RULE 204)
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
(RULE 204)
3. THE OPERATOR SHALL USE AN EXPLOSIMETER OR EQUIVALENT DEVICE TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF TWICE A YEAR AT 4 TO 8 MONTH INTERVALS. THE HYDROCARBON CONCENTRATION SHALL NOT EXCEED 50 PERCENT OF THE LOWER EXPLOSIVE LIMIT.
[RULE 463]
4. THIS TANK SHALL NOT BE USED FOR STORING ORGANIC LIQUID HAVING A VAPOR PRESSURE OF 11.0 PSIA OR GREATER UNDER ACTUAL STORAGE CONDITIONS.
[RULE 463, RULE 1313(g)]
5. THE OPERATOR SHALL KEEP RECORDS, IN MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

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

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC: RULE 463
VOC: RULE 1149



**FACILITY PERMIT TO OPERATE
TESORO LOGISTICS, COLTON TERMINAL**

PERMIT TO OPERATE

**Permit No. G29340
A/N 552606**

Equipment Description:

STORAGE TANK NO. 10, FIXED ROOF WITH A WELDED INTERNAL FLOATING PAN, 70'-0" DIA. X 56'-0" H., 35,000 BBL CAPACITY, A FOAM LOG TYPE PRIMARY SEAL, AND A WIPER TYPE SECONDARY SEAL.

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. THIS TANK SHALL NOT BE USED FOR STORING ORGANIC LIQUID HAVING A VAPOR PRESSURE OF 11.0 PSIA OR GREATER UNDER ACTUAL STORAGE CONDITIONS.
[RULE 463, 40CFR60 SUBPART Kb, RULE 1313(g)]
4. THE OPERATOR SHALL USE AN EXPLOSIMETER OR EQUIVALENT DEVICE TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF TWICE A YEAR AT 4 TO 8 MONTH INTERVALS. THE HYDROCARBON CONCENTRATION SHALL NOT EXCEED 50 PERCENT OF THE LOWER EXPLOSIVE LIMIT.
[RULE 463]
5. THE OPERATOR SHALL KEEP RECORDS, IN MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

TYPE OF LIQUID STORED, THROUGHPUT, AND TRUE VAPOR PRESSURE OF LIQUIDS UNDER ACTUAL STORAGE CONDITIONS.
[RULE 463, 40CFR60 SUBPART Kb]

Periodic Monitoring: NONE

Emissions and Requirements:

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

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



**FACILITY PERMIT TO OPERATE
TESORO LOGISTICS, COLTON TERMINAL**

PERMIT TO OPERATE

**Permit No. G29341
A/N 552607**

Equipment Description:

STORAGE TANK NO. 11, 70'-0" DIA. X 56'-0" H., 35,000 BBL CAPACITY, WELDED SHELL, WELDED INTERNAL FLOATING ROOF WITH VAPOR MOUNTED RESILIENT FOAM-FILLED PRIMARY SEAL.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS TANK SHALL NOT BE USED FOR STORING PETROLEUM LIQUID HAVING A VAPOR PRESSURE OF 11.0 PSIA OR GREATER UNDER ACTUAL STORAGE CONDITIONS.
[RULE 463, 40CFR60 SUBPART Kb, RULE 1313(g)]
4. THROUGHPUT TO THIS TANK OF ORGANIC LIQUIDS SHALL NOT EXCEED 2,190,000 BBLs. PER YEAR. THROUGHPUT RECORDS, IN ADDITION TO THOSE RECORDS REQUIRED BY RULE 463, SHALL BE MAINTAINED ON FILE AND BE AVAILABLE FOR INSPECTION BY AUTHORIZED DISTRICT PERSONNEL.
[RULE 463, RULE 1303(b)(2) OFFSETS, RULE 1313(g)]
5. THIS TANK SHALL NOT BE USED FOR STORING PURE ORGANIC COMPOUNDS.
[RULE 204]
6. THE OPERATOR SHALL USE AN EXPLOSIMETER OR EQUIVALENT DEVICE TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF TWICE A YEAR AT 4 TO 8 MONTH INTERVALS. THE HYDROCARBON CONCENTRATION SHALL NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT.
[RULE 463]
7. THE OPERATOR SHALL KEEP RECORDS, IN MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

TYPE OF LIQUID STORED, THROUGHPUT, AND TRUE VAPOR PRESSURE OF LIQUIDS UNDER ACTUAL STORAGE CONDITIONS.
[RULE 463, 40CFR60 SUBPART Kb]

Periodic Monitoring: NONE



FACILITY PERMIT TO OPERATE TESORO LOGISTICS, COLTON TERMINAL

Emissions and Requirements:

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

VOC/TOC: 40 CFR 60, SUBPART Kb

VOC: RULE 463

VOC: RULE 1149



FACILITY PERMIT TO OPERATE TESORO LOGISTICS, COLTON TERMINAL

PERMIT TO OPERATE

Permit No. G29343
A/N 552611

Equipment Description:

STORAGE TANK NO. 15, ETHANOL OR GASOLINE STORAGE, INTERNAL FLOATING ROOF, WELDED, 40'-0" DIA. X 48'-0" H., 441,000 GALLON CAPACITY, WELDED SHELL, WITH A METALLIC SHOE-TYPE PRIMARY SEAL (CATEGORY A) AND A WIPER TYPE SECONDARY SEAL (CATEGORY B OR BETTER).

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS TANK SHALL NOT BE USED FOR STORING ORGANIC LIQUID HAVING A VAPOR PRESSURE OF 569 MM HG (11 PSIA) OR GREATER UNDER ACTUAL STORAGE CONDITIONS.
[RULE 463, 40CFR60 SUBPART Kb, RULE 1313(g)]
4. ANNUAL THROUGHPUT RECORDS, IN ADDITION TO THOSE RECORDS REQUIRED BY RULE 463(b)(4) SHALL BE AVAILABLE FOR INSPECTION BY AUTHORIZED DISTRICT PERSONNEL.
[RULE 463]
5. THE OPERATOR SHALL USE AN EXPLOSIMETER OR EQUIVALENT DEVICE TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF TWICE A YEAR AT 4 TO 8 MONTH INTERVALS. THE HYDROCARBON CONCENTRATION SHALL NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT.
[RULE 463]
6. THE OPERATOR SHALL KEEP RECORDS, IN MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
TYPE OF LIQUID STORED, THROUGHPUT, AND TRUE VAPOR PRESSURE OF LIQUIDS UNDER ACTUAL STORAGE CONDITIONS.
[RULE 463, 40CFR60 SUBPART Kb]

Periodic Monitoring: NONE

Emissions and Requirements:

7. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
VOC/TOC: 40 CFR 60, SUBPART Kb
VOC: RULE 463
VOC: RULE 1149



FACILITY PERMIT TO OPERATE TESORO LOGISTICS, COLTON TERMINAL

PERMIT TO OPERATE

Permit No. G29344
A/N 552613

Equipment Description:

ETHANOL TRUCK UNLOADING RACK: CONSISTING OF TWO 4" CAM LOCK VAPOR TIGHT, HOSE TO PIPE CONNECTIONS FOR ETHANOL UNLOADING, WITH 10 H.P. MOTOR, TANDEM MECHANICAL SEAL, VENTED TO VAPOR RECOVERY SYSTEM, A FLOW METER WITH STRAINER AND BACK PRESSURE CONTROL VALVE.

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. A DAILY OPERATIONAL LOG INCLUDING THROUGHPUT RECORDS FOR THE FACILITY SHALL BE MAINTAINED. ALL RECORDS SHALL BE MADE AVAILABLE UPON REQUEST.
[RULE 204]
4. THE EQUIPMENT INCLUDING THE TRANSFER PUMP SEAL SHALL NOT BE OPERATED UNLESS IS VENTED TO A VAPOR RECOVERY SYSTEM WHICH IS IN FULL USE AND HAS A VALID PERMIT TO RECEIVE VENT GASES FROM THIS EQUIPMENT.
[RULE 1303(a)(1) BACT]
5. THE OPERATOR SHALL INSPECT FOR LEAKS (VAPOR AND LIQUID) MANUALLY (SIGHT, SMELL, & SOUND) ON A MONTHLY BASIS, OR QUARTERLY IF USING AN ORGANIC VAPOR ANALYZER (OVA).
(RULE 1303(a)(1) BACT)
6. THE OPERATOR SHALL PERFORM ANNUAL INSPECTION OF ALL VALVES FOR LIQUID LEAK IN ACCORDANCE WITH RULE 466.1 AND SHALL REINSPECT WITHIN 90 DAYS AFTER ANY REPAIR.
[RULE 466.1]

Periodic Monitoring: NONE

Emissions and Requirements: NONE



**FACILITY PERMIT TO OPERATE
TESORO LOGISTICS, COLTON TERMINAL**

PERMIT TO OPERATE

**Permit No. G29345
A/N 552614**

Equipment Description:

STORAGE TANK NO. 9, FIXED ROOF WITH AN INTERNAL FLOATING PAN, 70'-0" DIA. X 56'-0" H., 35,000 BBL CAPACITY, WELDED SHELL, MECHANICAL SHOE PRIMARY SEAL.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THE OPERATOR SHALL USE AN EXPLOSIMETER OR EQUIVALENT DEVICE TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF TWICE A YEAR AT 4 TO 8 MONTH INTERVALS. THE HYDROCARBON CONCENTRATION SHALL NOT EXCEED 50 PERCENT OF THE LOWER EXPLOSIVE LIMIT.
[RULE 463]
4. THIS TANK SHALL NOT BE USED FOR STORING PURE ORGANIC COMPOUNDS.
[RULE 1303(b)(2) OFFSETS]
5. THIS TANK SHALL NOT BE USED TO STORE CRUDE OIL.
[RULE 204]
6. THE OPERATOR SHALL KEEP RECORDS, IN MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
TYPE OF LIQUID STORED, THROUGHPUT, AND TRUE VAPOR PRESSURE OF LIQUIDS UNDER ACTUAL STORAGE CONDITIONS.
[RULE 463]

Periodic Monitoring: NONE

Emissions and Requirements:

7. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
VOC: RULE 463
VOC: RULE 1149



FACILITY PERMIT TO OPERATE TESORO LOGISTICS, COLTON TERMINAL

PERMIT TO OPERATE

Permit No. G29346
A/N 552616

Equipment Description:

BULK FUEL LOADING RACK NO. 1, CONSISTING OF:

1. FOUR GASOLINE BOTTOM LOADING ARMS/HOSES, EACH 4" DIA. CORRUGATED METAL OR INDUSTRY STANDARD EQUIVALENT, WITH A DRY-BREAK CONNECTOR, A PRESET FLOW METER, AND A STRAINER.
2. THREE DIESEL BOTTOM LOADING ARMS/HOSES, EACH 4" DIA. CORRUGATED METAL OR INDUSTRY STANDARD EQUIVALENT, WITH A DRY-BREAK CONNECTOR AND TWO PRESET FLOW METERS.
3. TWO VAPOR RECOVERY HOSES, EACH 3" DIA., VENTING TO A VAPOR RECOVERY SYSTEM.
4. FOUR GASOLINE CENTRIFUGAL TRANSFER PUMPS, EACH WITH A 50 HP MOTOR, WITH TANDEM MECHANICAL SEALS AND CONNECTED TO THE EXISTING VAPOR RECOVERY SYSTEM, COMMON TO RACKS NO. 1, 2, 3, AND 4.
5. SIX GASOLINE CENTRIFUGAL TRANSFER PUMPS, EACH WITH A 60 HP MOTOR, WITH TANDEM MECHANICAL SEALS AND CONNECTED TO THE VAPOR RECOVERY SYSTEM, COMMON TO RACKS NO. 1, 2, 3, AND 4.
6. VAPOR KNOCKOUT SUMP, 4,000 GALLON CAPACITY (BELOW GRADE), COMMON TO RACKS NO. 1, 2, 3, AND 4.
7. DIESEL DISPENSING UNIT CONSISTING OF A CONTROL VALVE, FILTER, METER, DISPENSING NOZZLE, AND A 1-1/2 HP PUMP, COMMON TO RACKS NO. 1, 2, 3, AND 4.
8. TWO DIESEL TRANSFER PUMPS, CENTRIFUGAL, WITH 60 HP MOTOR, COMMON TO RACKS NO. 1 AND 2.
9. TWO ETHANOL TRANSFER PUMPS, EACH WITH TANDEM MECHANICAL SEALS AND 50 HP MOTOR, VENTED TO VAPOR RECOVERY SYSTEM, COMMON TO LOADING RACKS NO. 1, 2, 3, AND 4.
10. THREE ADDITIVE PUMPS, MECHANICAL DRIVE, COMMON TO LOADING RACKS NO. 1, 2, 3, AND 4.



FACILITY PERMIT TO OPERATE TESORO LOGISTICS, COLTON TERMINAL

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 AGGREGATE LOADING RATE OF DIESEL FUEL SHALL NOT EXCEED 150,000 BARRELS PER MONTH AND THE AGGREGATE LOADING RATE OF PETROLEUM PRODUCTS (EXCLUDING DIESEL) SHALL NOT EXCEED 1,428,571 BARRELS PER MONTH AT LOADING RACKS NOS. 1, 2, 3 AND 4.
[RULE 1303(b)(2) OFFSETS, RULE 1313(g)]
4. THE MAXIMUM DAILY THROUGHPUT OF ALL PRODUCTS SHALL NOT EXCEED 80,952 BARRELS PER DAY.
[RULE 462]
5. THE THROUGHPUT SHALL BE MONITORED AND RECORDED WITH TOTALIZING METERS, EQUIPPED WITH DIGITAL READOUTS, AS WELL AS AN AUTOMATED SYSTEM DESIGNED TO SHUTDOWN LOADING WHEN THE THROUGHPUT LIMIT IS REACHED.
[RULE 462, RULE 1303(b)(2) OFFSETS, 40CFR60 SUBPART XX]
6. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED TO AN AIR POLLUTION CONTROL DEVICE WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A PERMIT BY THE EXECUTIVE OFFICER.

VENT GASES FROM THE LOADING RACK SHALL BE VENTED TO THE ON-SITE VAPOR RECOVERY SYSTEM, OR ALTERNATIVELY TO THE THERMAL OXIDIZER OWNED AND OPERATED BY KINDER MORGAN ENERGY PARTNERS (FACILITY ID 800129).
[RULE 462, RULE 1303(a)(1)-BACT, 40CFR60 SUBPART XX]
7. THE FOLLOWING BACT REQUIREMENTS SHALL APPLY TO COMPONENTS IN VOC SERVICE.
 - A. ALL NEW VALVES SHALL BE BELLOWS SEAL VALVES, EXCEPT AS APPROVED BY THE DISTRICT, IN THE FOLLOWING APPLICATIONS: HEAVY LIQUID SERVICE, CONTROL VALVE, INSTRUMENT PIPING/TUBING, APPLICATIONS REQUIRING TORSIONAL VALVE STEM MOTION, APPLICATIONS WHERE VALVE FAILURE COULD POSE SAFETY HAZARD (e.g. DRAIN VALVES WITH VALVE STEMS IN HORIZONTAL POSITION), RETROFITS/SPECIAL APPLICATIONS WITH SPACE LIMITATIONS, AND VALVES NOT COMMERCIALY AVAILABLE. ADDITIONAL EXCEPTIONS ARE LISTED IN DISTRICT RULE 1173 (l)(1).



FACILITY PERMIT TO OPERATE TESORO LOGISTICS, COLTON TERMINAL

- B. ALL NEW PRESSURE RELIEF DEVICES WHICH VENT TO ATMOSPHERE SHALL UTILIZE A RUPTURE DISC AND A TELL-TALE INDICATOR. THE RUPTURE DISC SHALL BE REPLACED ANYTIME THE PRESSURE RELIEF DEVICE HAS LIFTED.
- C. ALL NEW GASOLINE TRANSFER PUMPS SHALL UTILIZE DUAL SEALS AND EITHER:
1. A HIGHER PRESSURE BARRIER FLUID OR
 2. VENT THE VOID SPACE BETWEEN THE SEALS TO THE VAPOR RECOVERY SYSTEM.

FOR PUMPS BEING VENTED TO A VAPOR RECOVERY SYSTEM, THE TIE IN TO THE VAPOR RECOVERY SYSTEM SHALL BE UPSTREAM OF THE BLOWERS USED TO DRAW DISPLACED VAPORS FROM THE LOADING RACKS.

- D. ALL NEW FUGITIVE COMPONENTS, EXCEPT VALVES AND FLANGES, SHALL BE INSPECTED QUARTERLY USING EPA METHOD 21.
- E. FOR ALL NEW FUGITIVE COMPONENTS, ANY LEAK GREATER THAN 500 PPM MEASURED AS METHANE ABOVE BACKGROUND AS MEASURED USING EPA METHOD 21, SHALL BE REPAIRED WITHIN 14 DAYS OF DETECTION. COMPONENTS SHALL BE DEFINED AS ANY VALVE, FITTING, PUMP, COMPRESSOR, PRESSURE RELIEF VALVE, DIAPHRAGM, HATCH, SIGHT GLASS, AND METER.

[RULE 1303(b)(1) - BACT]

8. THE OPERATOR SHALL KEEP RECORDS OF THE THROUGHPUT, RECORDS REQUIRED BY DISTRICT RULE 462, AND RECORDS OF THE MONTHLY INSPECTION (AND QUARTERLY, WHERE APPLICABLE), SUBSEQUENT REPAIR AND RE-INSPECTION. RECORDS SHALL BE IN A FORMAT APPROVED BY THE DISTRICT AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.

[RULE 462, RULE 1303(b)(2) OFFSETS]

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC: 0.08 LB/1000 GAL. ORGANIC LIQUID LOADED, RULE 462
TOC/VOC: 35MG/LITER GASOLINE LOADED, 40CFR60 SUBPART XX



**FACILITY PERMIT TO OPERATE
TESORO LOGISTICS, COLTON TERMINAL**

PERMIT TO OPERATE

**Permit No. G29347
A/N 552618**

Equipment Description:

BULK FUEL LOADING RACK NO. 2, CONSISTING OF:

1. FOUR GASOLINE BOTTOM LOADING ARMS/HOSES, EACH 4" DIA. CORRUGATED METAL OR INDUSTRY STANDARD EQUIVALENT, WITH A DRY-BREAK CONNECTOR, A PRESET FLOW METER, AND A STRAINER.
2. THREE DIESEL BOTTOM LOADING ARMS/HOSES, EACH 4" DIA. CORRUGATED METAL OR INDUSTRY STANDARD EQUIVALENT, WITH A DRY-BREAK CONNECTOR, TWO PRESET FLOW METERS.
3. TWO VAPOR RECOVERY HOSES, EACH 3" DIA. VENTING TO A VAPOR RECOVERY SYSTEM.
4. FOUR GASOLINE CENTRIFUGAL TRANSFER PUMPS, EACH WITH A 50 HP MOTOR, WITH TANDEM MECHANICAL SEALS AND CONNECTED TO THE EXISTING VAPOR RECOVERY SYSTEM, COMMON TO RACKS NO. 1, 2, 3, AND 4.
5. SIX GASOLINE CENTRIFUGAL TRANSFER PUMPS, EACH WITH A 60 HP MOTOR, WITH TANDEM MECHANICAL SEALS AND CONNECTED TO THE VAPOR RECOVERY SYSTEM, COMMON TO RACKS NO. 1, 2, 3, AND 4.
6. VAPOR KNOCKOUT SUMP, 4,000 GALLON CAPACITY (BELOW GRADE), COMMON TO RACKS NO. 1, 2, 3, AND 4.
7. DIESEL DISPENSING UNIT CONSISTING OF A CONTROL VALVE, FILTER, METER, DISPENSING NOZZLE, AND A 1-1/2 HP PUMP, COMMON TO RACKS NO. 1, 2, 3, AND 4.
8. TWO DIESEL TRANSFER PUMPS, CENTRIFUGAL, WITH 60 HP MOTOR, COMMON TO RACKS NO. 1 AND 2.
9. TWO ETHANOL TRANSFER PUMPS, EACH WITH TANDEM MECHANICAL SEALS AND 50 HP MOTOR, VENTED TO VAPOR RECOVERY SYSTEM, COMMON TO LOADING RACKS NO. 1, 2, 3, AND 4.
10. THREE ADDITIVE PUMPS, MECHANICAL DRIVE, COMMON TO LOADING RACKS NO. 1, 2, 3, AND 4.



FACILITY PERMIT TO OPERATE TESORO LOGISTICS, COLTON TERMINAL

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 AGGREGATE LOADING RATE OF DIESEL FUEL SHALL NOT EXCEED 150,000 BARRELS PER MONTH AND THE AGGREGATE LOADING RATE OF PETROLEUM PRODUCTS (EXCLUDING DIESEL) SHALL NOT EXCEED 1,428,571 BARRELS PER MONTH AT LOADING RACKS NOS. 1, 2, 3 AND 4.
[RULE 1303(b)(2) OFFSETS, RULE 1313(g)]
4. THE MAXIMUM DAILY THROUGHPUT OF ALL PRODUCTS SHALL NOT EXCEED 80,952 BARRELS PER DAY.
[RULE 462]
5. THE THROUGHPUT SHALL BE MONITORED AND RECORDED WITH TOTALIZING METERS, EQUIPPED WITH DIGITAL READOUTS, AS WELL AS AN AUTOMATED SYSTEM DESIGNED TO SHUTDOWN LOADING WHEN THE THROUGHPUT LIMIT IS REACHED.
[RULE 462, RULE 1303(b)(2) OFFSETS, 40CFR60 SUBPART XX]
6. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED TO AIR POLLUTION CONTROL DEVICE WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A PERMIT BY THE EXECUTIVE OFFICER. VENT GASES FROM THE LOADING RACK SHALL BE VENTED TO THE ON-SITE VAPOR RECOVERY SYSTEM, OR ALTERNATIVELY TO THE THERMAL OXIDIZER OWNED AND OPERATED BY KINDER MORGAN ENERGY PARTNERS (FACILITY ID 800129).
[RULE 462, RULE 1303(a)(1)-BACT, 40CFR60 SUBPART XX]
7. THE FOLLOWING BACT REQUIREMENTS SHALL APPLY TO COMPONENTS IN VOC SERVICE.
 - A. ALL NEW VALVES SHALL BE BELLOWS SEAL VALVES, EXCEPT AS APPROVED BY THE DISTRICT, IN THE FOLLOWING APPLICATIONS: HEAVY LIQUID SERVICE, CONTROL VALVE, INSTRUMENT PIPING/TUBING, APPLICATIONS REQUIRING TORSIONAL VALVE STEM MOTION, APPLICATIONS WHERE VALVE FAILURE COULD POSE SAFETY HAZARD (e.g. DRAIN VALVES WITH VALVE STEMS IN HORIZONTAL POSITION), RETROFITS/SPECIAL APPLICATIONS WITH SPACE LIMITATIONS, AND VALVES NOT COMMERCIALY AVAILABLE. ADDITIONAL EXCEPTIONS ARE LISTED IN DISTRICT RULE 1173 (I)(1).



FACILITY PERMIT TO OPERATE TESORO LOGISTICS, COLTON TERMINAL

- B. ALL NEW PRESSURE RELIEF DEVICES WHICH VENT TO ATMOSPHERE SHALL UTILIZE A RUPTURE DISC AND A TELL-TALE INDICATOR. THE RUPTURE DISC SHALL BE REPLACED ANYTIME THE PRESSURE RELIEF DEVICE HAS LIFTED.
- C. ALL NEW GASOLINE TRANSFER PUMPS SHALL UTILIZE DUAL SEALS AND EITHER:
1. A HIGHER PRESSURE BARRIER FLUID OR
 2. VENT THE VOID SPACE BETWEEN THE SEALS TO THE VAPOR RECOVERY SYSTEM.
- FOR PUMPS BEING VENTED TO A VAPOR RECOVERY SYSTEM, THE TIE IN TO THE VAPOR RECOVERY SYSTEM SHALL BE UPSTREAM OF THE BLOWERS USED TO DRAW DISPLACED VAPORS FROM THE LOADING RACKS.
- D. ALL NEW FUGITIVE COMPONENTS, EXCEPT VALVES AND FLANGES, SHALL BE INSPECTED QUARTERLY USING EPA METHOD 21.
- E. FOR ALL NEW FUGITIVE COMPONENTS, ANY LEAK GREATER THAN 500 PPM MEASURED AS METHANE ABOVE BACKGROUND AS MEASURED USING EPA METHOD 21, SHALL BE REPAIRED WITHIN 14 DAYS OF DETECTION. COMPONENTS SHALL BE DEFINED AS ANY VALVE, FITTING, PUMP, COMPRESSOR, PRESSURE RELIEF VALVE, DIAPHRAGM, HATCH, SIGHT GLASS, AND METER.

[RULE 1303(b)(1) - BACT]

8. THE OPERATOR SHALL KEEP RECORDS OF THE THROUGHPUT (AS REQUIRED BY DISTRICT RULE 462), THE MONTHLY INSPECTION (AND QUARTERLY, WHERE APPLICABLE), SUBSEQUENT REPAIR, AND RE-INSPECTION. RECORDS SHALL BE IN A FORMAT APPROVED BY THE DISTRICT AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 462, RULE 1303(b)(2) OFFSETS]

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC: 0.08 LB/1000 GAL. ORGANIC LIQUID LOADED RULE 462
TOC/VOC: 35MG/LITER GASOLINE LOADED, 40CFR60 SUBPART XX



**FACILITY PERMIT TO OPERATE
TESORO LOGISTICS, COLTON TERMINAL**

PERMIT TO OPERATE

**Permit No. G29348
A/N 552619**

Equipment Description:

BULK FUEL LOADING RACK NO. 3, CONSISTING OF:

1. FOUR GASOLINE BOTTOM LOADING ARMS/HOSES, EACH 4" DIA. CORRUGATED METAL OR INDUSTRY STANDARD EQUIVALENT, WITH A DRY-BREAK CONNECTOR, A PRESET FLOW METER, AND A STRAINER.
2. TWO VAPOR RECOVERY HOSES, EACH 3" DIA. VENTING TO A VAPOR RECOVERY SYSTEM.
3. FOUR GASOLINE CENTRIFUGAL TRANSFER PUMPS, EACH WITH A 50 HP MOTOR, WITH TANDEM MECHANICAL SEALS AND CONNECTED TO THE EXISTING VAPOR RECOVERY SYSTEM, COMMON TO RACKS NO. 1, 2, 3, AND 4.
4. SIX GASOLINE CENTRIFUGAL TRANSFER PUMPS, EACH WITH A 60 HP MOTOR, WITH TANDEM MECHANICAL SEALS AND CONNECTED TO THE VAPOR RECOVERY SYSTEM, COMMON TO RACKS NO. 1, 2, 3, AND 4.
5. VAPOR KNOCKOUT SUMP, 4,000 GALLON CAPACITY (BELOW GRADE), COMMON TO RACKS NO. 1, 2, 3, AND 4.
6. DIESEL DISPENSING UNIT CONSISTING OF A CONTROL VALVE, FILTER, METER, DISPENSING NOZZLE, AND A 1-1/2 HP PUMP, COMMON TO RACKS NO. 1, 2, 3, AND 4.
7. TWO ETHANOL TRANSFER PUMPS, EACH WITH TANDEM MECHANICAL SEALS AND 50 HP MOTOR, VENTED TO VAPOR RECOVERY SYSTEM, COMMON TO LOADING RACKS NO. 1, 2, 3, AND 4.
8. THREE ADDITIVE PUMPS, MECHANICAL DRIVE, COMMON TO LOADING RACKS NO. 1, 2, 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 AGGREGATE LOADING RATE OF DIESEL FUEL SHALL NOT EXCEED 150,000 BARRELS PER MONTH AND THE AGGREGATE LOADING RATE OF PETROLEUM PRODUCTS (EXCLUDING DIESEL) SHALL NOT EXCEED 1,428,571 BARRELS PER MONTH AT LOADING RACKS NO. 1, 2, 3 AND 4.
[RULE 1303(b)(2) OFFSETS, RULE 1313(g)]



FACILITY PERMIT TO OPERATE TESORO LOGISTICS, COLTON TERMINAL

4. THE MAXIMUM DAILY THROUGHPUT OF ALL PRODUCTS SHALL NOT EXCEED 80,952 BARRELS PER DAY.
[RULE 462]
5. THE THROUGHPUT SHALL BE MONITORED AND RECORDED WITH TOTALIZING METERS, EQUIPPED WITH DIGITAL READOUTS, AS WELL AS AN AUTOMATED SYSTEM DESIGNED TO SHUTDOWN LOADING WHEN THE THROUGHPUT LIMIT IS REACHED.
[RULE 462, RULE 1303(b)(2) OFFSETS, 40CFR60 SUBPART XX]
6. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED TO AIR POLLUTION CONTROL DEVICE WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A PERMIT BY THE EXECUTIVE OFFICER. VENT GASES FROM THE LOADING RACK SHALL BE VENTED TO THE ON-SITE VAPOR RECOVERY SYSTEM, OR ALTERNATIVELY TO THE THERMAL OXIDIZER OWNED AND OPERATED BY KINDER MORGAN ENERGY PARTNERS (FACILITY ID 800129).
[RULE 462, RULE 1303(a)(1)-BACT, 40CFR60 SUBPART XX]
7. THE FOLLOWING BACT REQUIREMENTS SHALL APPLY TO COMPONENTS IN VOC SERVICE.
 - A. ALL NEW VALVES SHALL BE BELLOWS SEAL VALVES, EXCEPT AS APPROVED BY THE DISTRICT, IN THE FOLLOWING APPLICATIONS: HEAVY LIQUID SERVICE, CONTROL VALVE, INSTRUMENT PIPING/TUBING, APPLICATIONS REQUIRING TORSIONAL VALVE STEM MOTION, APPLICATIONS WHERE VALVE FAILURE COULD POSE SAFETY HAZARD (e.g. DRAIN VALVES WITH VALVE STEMS IN HORIZONTAL POSITION), RETROFITS/SPECIAL APPLICATIONS WITH SPACE LIMITATIONS, AND VALVES NOT COMMERCIALY AVAILABLE. ADDITIONAL EXCEPTIONS ARE LISTED IN DISTRICT RULE 1173 (I)(1).
 - B. ALL NEW PRESSURE RELIEF DEVICES WHICH VENT TO ATMOSPHERE SHALL UTILIZE A RUPTURE DISC AND A TELL-TALE INDICATOR. THE RUPTURE DISC SHALL BE REPLACED ANYTIME THE PRESSURE RELIEF DEVICE HAS LIFTED.
 - C. ALL NEW GASOLINE TRANSFER PUMPS SHALL UTILIZE DUAL SEALS AND EITHER:
 1. A HIGHER PRESSURE BARRIER FLUID OR
 2. VENT THE VOID SPACE BETWEEN THE SEALS TO THE VAPOR RECOVERY SYSTEM.FOR PUMPS BEING VENTED TO A VAPOR RECOVERY SYSTEM, THE TIE IN TO THE VAPOR RECOVERY SYSTEM SHALL BE UPSTREAM OF THE BLOWERS USED TO DRAW DISPLACED VAPORS FROM THE LOADING RACKS.
 - D. ALL NEW FUGITIVE COMPONENTS, EXCEPT VALVES AND FLANGES, SHALL BE INSPECTED QUARTERLY USING EPA METHOD 21.
 - E. FOR ALL NEW FUGITIVE COMPONENTS, ANY LEAK GREATER THAN 500 PPM MEASURED AS METHANE ABOVE BACKGROUND AS M MEASURED USING EPA METHOD 21, SHALL BE REPAIRED WITHIN 14 DAYS OF DETECTION. COMPONENTS SHALL BE DEFINED AS ANY VALVE, FITTING, PUMP, COMPRESSOR, PRESSURE RELIEF VALVE, DIAPHRAGM, HATCH, SIGHT GLASS, AND METER.
[RULE 1303(b)(1) - BACT]



FACILITY PERMIT TO OPERATE TESORO LOGISTICS, COLTON TERMINAL

8. THE OPERATOR SHALL KEEP RECORDS OF THE THROUGHPUT (AS REQUIRED BY DISTRICT RULE 462), THE MONTHLY INSPECTION (AND QUARTERLY, WHERE APPLICABLE), SUBSEQUENT REPAIR, AND RE-INSPECTION. RECORDS SHALL BE IN A FORMAT APPROVED BY THE DISTRICT AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 462, RULE 1303(b)(2) OFFSETS]

10. THE OPERATOR SHALL PERFORM ANNUAL INSPECTION OF ALL VALVES FOR LIQUID LEAKS AND SHALL RE-INSPECT WITHIN 90 DAYS AFTER ANY REPAIR.
[RULE 1303(a)(1) BACT]

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC: 0.08 LB/1000 GAL. ORGANIC LIQUID LOADED RULE 462
TOC/VOC: 35MG/LITER GASOLINE LOADED, 40CFR60 SUBPART XX



FACILITY PERMIT TO OPERATE TESORO LOGISTICS, COLTON TERMINAL

PERMIT TO OPERATE

Permit No. G29349
A/N 552621

Equipment Description:

BULK FUEL LOADING RACK NO. 4, CONSISTING OF:

1. FOUR GASOLINE BOTTOM LOADING ARMS/HOSES, EACH 4" DIA. CORRUGATED METAL OR INDUSTRY STANDARD EQUIVALENT, WITH A DRY-BREAK CONNECTOR, A PRESET FLOW METER, AND A STRAINER.
2. TWO VAPOR RECOVERY HOSES, EACH 3" DIA. VENTING TO A VAPOR RECOVERY SYSTEM.
3. FOUR GASOLINE CENTRIFUGAL TRANSFER PUMPS, EACH WITH A 50 HP MOTOR, WITH TANDEM MECHANICAL SEALS AND CONNECTED TO THE EXISTING VAPOR RECOVERY SYSTEM, COMMON TO RACKS NO. 1, 2, 3, AND 4.
4. SIX GASOLINE CENTRIFUGAL TRANSFER PUMPS, EACH WITH A 60 HP MOTOR, WITH TANDEM MECHANICAL SEALS AND CONNECTED TO THE VAPOR RECOVERY SYSTEM, COMMON TO RACKS NO. 1, 2, 3, AND 4.
5. VAPOR KNOCKOUT SUMP, 4,000 GALLON CAPACITY (BELOW GRADE), COMMON TO RACKS NO. 1, 2, 3, AND 4.
6. DIESEL DISPENSING UNIT CONSISTING OF A CONTROL VALVE, FILTER, METER, DISPENSING NOZZLE, AND A 1-1/2 HP PUMP, COMMON TO RACKS NO. 1, 2, 3, AND 4.
7. TWO ETHANOL TRANSFER PUMPS, EACH WITH TANDEM MECHANICAL SEALS AND 50 HP MOTOR, VENTED TO VAPOR RECOVERY SYSTEM, COMMON TO LOADING RACKS NO. 1, 2, 3, AND 4.
8. THREE ADDITIVE PUMPS, MECHANICAL DRIVE, COMMON TO LOADING RACKS NO. 1, 2, 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 AGGREGATE LOADING RATE OF DIESEL FUEL SHALL NOT EXCEED 150,000 BARRELS PER MONTH AND THE AGGREGATE LOADING RATE OF PETROLEUM PRODUCTS (EXCLUDING DIESEL) SHALL NOT EXCEED 1,428,571 BARRELS PER MONTH AT LOADING RACKS NO. 1, 2, 3, AND 4.
[RULE 1303(b)(2) OFFSETS, RULE 1313(g)]



FACILITY PERMIT TO OPERATE TESORO LOGISTICS, COLTON TERMINAL

4. THE MAXIMUM DAILY THROUGHPUT OF ALL PRODUCTS SHALL NOT EXCEED 80,952 BARRELS PER DAY.
[RULE 462]
5. THE THROUGHPUT SHALL BE MONITORED AND RECORDED WITH TOTALIZING METERS, EQUIPPED WITH DIGITAL READOUTS, AS WELL AS AN AUTOMATED SYSTEM DESIGNED TO SHUTDOWN LOADING WHEN THE THROUGHPUT LIMIT IS REACHED.
[RULE 462, RULE 1303(b)(2) OFFSETS, 40CFR60 SUBPART XX]
6. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED TO AIR POLLUTION CONTROL DEVICE WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A PERMIT BY THE EXECUTIVE OFFICER. VENT GASES FROM THE LOADING RACK SHALL BE VENTED TO THE ON-SITE VAPOR RECOVERY SYSTEM, OR ALTERNATIVELY TO THE THERMAL OXIDIZER OWNED AND OPERATED BY KINDER MORGAN ENERGY PARTNERS (FACILITY ID 800129).
[RULE 462, RULE 1303(a)(1)-BACT, 40CFR60 SUBPART XX]
7. THE FOLLOWING BACT REQUIREMENTS SHALL APPLY TO COMPONENTS IN VOC SERVICE.
 - A. ALL NEW VALVES SHALL BE BELLOWS SEAL VALVES, EXCEPT AS APPROVED BY THE DISTRICT, IN THE FOLLOWING APPLICATIONS: HEAVY LIQUID SERVICE, CONTROL VALVE, INSTRUMENT PIPING/TUBING, APPLICATIONS REQUIRING TORSIONAL VALVE STEM MOTION, APPLICATIONS WHERE VALVE FAILURE COULD POSE SAFETY HAZARD (e.g. DRAIN VALVES WITH VALVE STEMS IN HORIZONTAL POSITION), RETROFITS/SPECIAL APPLICATIONS WITH SPACE LIMITATIONS, AND VALVES NOT COMMERCIALY AVAILABLE. ADDITIONAL EXCEPTIONS ARE LISTED IN DISTRICT RULE 1173 (I)(1).
 - B. ALL NEW PRESSURE RELIEF DEVICES WHICH VENT TO ATMOSPHERE SHALL UTILIZE A RUPTURE DISC AND A TELL-TALE INDICATOR. THE RUPTURE DISC SHALL BE REPLACED ANYTIME THE PRESSURE RELIEF DEVICE HAS LIFTED.
 - C. ALL NEW GASOLINE TRANSFER PUMPS SHALL UTILIZE DUAL SEALS AND EITHER:
 1. A HIGHER PRESSURE BARRIER FLUID OR
 2. VENT THE VOID SPACE BETWEEN THE SEALS TO THE VAPOR RECOVERY SYSTEM.

FOR PUMPS BEING VENTED TO A VAPOR RECOVERY SYSTEM, THE TIE IN TO THE VAPOR RECOVERY SYSTEM SHALL BE UPSTREAM OF THE BLOWERS USED TO DRAW DISPLACED VAPORS FROM THE LOADING RACKS.
 - D. ALL NEW FUGITIVE COMPONENTS, EXCEPT VALVES AND FLANGES, SHALL BE INSPECTED QUARTERLY USING EPA METHOD 21.
 - E. FOR ALL NEW FUGITIVE COMPONENTS, ANY LEAK GREATER THAN 500 PPM MEASURED AS METHANE ABOVE BACKGROUND AS MEASURED USING EPA METHOD 21, SHALL BE REPAIRED WITHIN 14 DAYS OF DETECTION. COMPONENTS SHALL BE DEFINED AS ANY VALVE, FITTING, PUMP, COMPRESSOR, PRESSURE RELIEF VALVE, DIAPHRAGM, HATCH, SIGHT GLASS, AND METER.
[RULE 1303(b)(1) - BACT]



**FACILITY PERMIT TO OPERATE
TESORO LOGISTICS, COLTON TERMINAL**

8. THE OPERATOR SHALL KEEP RECORDS OF THE THROUGHPUT (AS REQUIRED BY DISTRICT RULE 462), THE MONTHLY INSPECTION (AND QUARTERLY, WHERE APPLICABLE), SUBSEQUENT REPAIR, AND RE-INSPECTION. RECORDS SHALL BE IN A FORMAT APPROVED BY THE DISTRICT AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 462, RULE 1303(b)(2) OFFSETS]

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC: 0.08 LB/1000 GAL. ORGANIC LIQUID LOADED RULE 462
TOC/VOC: 35MG/LITER GASOLINE LOADED, 40CFR60 SUBPART XX



FACILITY PERMIT TO OPERATE TESORO LOGISTICS, COLTON TERMINAL

PERMIT TO OPERATE

Permit No. G29350
A/N 552623

Equipment Description:

VAPOR RECOVERY SYSTEM SERVING LOADING RACKS NO. 1, 2, 3, AND 4, CONSISTING OF:

1. TWO CARBON ADSORBERS, EACH 8'-0" DIA. X 8'-0" H., EACH WITH 9,600 LBS OF ACTIVATED CARBON, OPERATING ON 15 MINUTE CYCLES.
2. GASOLINE ABSORPTION TOWER, 3'-0" DIA. X 20'-0" H.
3. GLYCOL SEPARATOR, 3'-0" DIA. X 8'-0" H., 400 GALLONS.
4. TWO LIQUID RING VACUUM PUMPS, EACH 940 CFM, WITH 75 HP MOTOR.
5. SUPPLY SPONGE GASOLINE PUMP, 150 GPM, WITH 7.5 HP MOTOR.
6. RETURN SPONGE GASOLINE PUMP, 150 GPM, WITH 7.5 HP MOTOR.
7. TWO SEAL FLUID GLYCOL PUMP, EACH 24 GPM, WITH A 2 HP MOTOR.
8. SHELL AND TUBE HEAT EXCHANGER, GLYCOL COOLER.
9. VAPOR BLOWER, 1400 SCFM CAPACITY, WITH A 7.5 HP MOTOR.
10. VACUUM BOOSTER BLOWER, 2810 ACFM CAPACITY, WITH A 75 HP MOTOR.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THE FOLLOWING BACT REQUIREMENTS SHALL APPLY TO COMPONENTS IN VOC SERVICE:
 - A. ALL NEW VALVES SHALL BE BELLOWS SEAL VALVES, EXCEPT AS APPROVED BY THE DISTRICT, IN THE FOLLOWING APPLICATIONS: HEAVY LIQUID SERVICE, CONTROL VALVE, INSTRUMENT PIPING/TUBING, APPLICATIONS REQUIRING TORSIONAL VALVE STEM MOTION, APPLICATIONS WHERE VALVE FAILURE COULD POSE SAFETY HAZARD (E. G. DRAIN VALVES WITH VALVE STEMS IN HORIZONTAL POSITION), RETROFITS/SPECIAL APPLICATIONS WITH SPACE LIMITATIONS, AND VALVES NOT COMMERCIALY AVAILABLE. ADDITIONAL EXCEPTIONS ARE LISTED IN DISTRICT RULE 1173 (I)(1).



FACILITY PERMIT TO OPERATE TESORO LOGISTICS, COLTON TERMINAL

- B. ALL NEW PRESSURE RELIEF DEVICES WHICH VENT TO ATMOSPHERE SHALL UTILIZE A RUPTURE DISC AND A TELL-TALE INDICATOR. THE RUPTURE DISC SHALL BE REPLACED ANYTIME THE PRESSURE RELIEF DEVICE HAS LIFTED.
- C. ALL NEW GASOLINE TRANSFER PUMPS SHALL UTILIZE DUAL SEALS AND EITHER: UTILIZE A HIGHER PRESSURE BARRIER FLUID OR VENT THE VOID SPACE BETWEEN THE SEALS TO THE VAPOR RECOVERY SYSTEM. FOR PUMPS BEING VENTED TO A VAPOR RECOVERY SYSTEM, THE TIE IN TO THE VAPOR RECOVERY SYSTEM SHALL BE UPSTREAM OF THE BLOWERS USED TO PROVIDE MOTIVE FORCE TO THE DISPLACED VAPORS FROM THE LOADING RACKS.
- D. ALL NEW FUGITIVE COMPONENTS, EXCEPT VALVES AND FLANGES, SHALL BE INSPECTED QUARTERLY USING EPA METHOD 21.
- E. FOR ALL NEW FUGITIVE COMPONENTS, ANY LEAK GREATER THAN 500 PPM MEASURED AS METHANE ABOVE BACKGROUND AS MEASURED USING EPA METHOD 21, SHALL BE REPAIRED WITHIN 14 DAYS OF DETECTION. COMPONENTS SHALL BE DEFINED AS ANY VALVE, FITTING, PUMP, COMPRESSOR, PRESSURE RELIEF VALVE, DIAPHRAGM, HATCH, SIGHT GLASS, AND METER.
- F. THE OPERATOR SHALL KEEP RECORDS OF THE MONTHLY INSPECTION (AND QUARTERLY, WHERE APPLICABLE), SUBSEQUENT REPAIR, AND REINSPECTION.
[RULE 1303(a)(1) - BACT]
- 4. THE OPERATOR SHALL INSTALL AND MAINTAIN A CONTINUOUS MONITORING SYSTEM (CMS), TO ACCURATELY INDICATE THE VOC CONCENTRATION AT THE OUTLET OF THE CARBON ADSORBER IN PPMV. THE MONITORING SYSTEM SHALL COMPLY WITH THE REQUIREMENTS OF DISTRICT RULE 462. THE EMISSIONS MONITORING DEVICE SHALL BE CALIBRATED DAILY.
[RULE 462, RULE 1303(b)(2) OFFSETS, 40CFR60 SUBPART XX]
- 5. THE SYSTEM SHALL INCLUDE A HYDROCARBON MONITOR THAT SHALL:
 - A. ALERT THE OPERATOR BOTH AUDIBLY AND VISUALLY TO PREVENT HYDROCARBON BREAKTHROUGH. THE ALARM WILL BE SET TO ACTIVATE AT A HYDROCARBON EMISSIONS RATE OF 0.08 LBS PER 1000 GALLONS LOADED.
 - B. INCLUDE INTERLOCK TO DISABLE THE OPERATION OF THE LOADING RACKS WHEN THE HYDROCARBON EMISSIONS FROM THE OUTLET OF THE VAPOR RECOVERY SYSTEM EXCEEDS 0.08 LBS PER 1000 GALLONS LOADED.
[RULE 462]
- 6. RECORDS REQUIRED BY THIS PERMIT SHALL BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST.
[RULE 462, RULE 466.1, RULE 467]



FACILITY PERMIT TO OPERATE TESORO LOGISTICS, COLTON TERMINAL

Periodic Monitoring:

7. THE OPERATOR SHALL CONDUCT SOURCE TEST(S) IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:
 - A. THE TEST SHALL BE CONDUCTED TO DETERMINE THE BULK LOADING RATE IN GALLONS PER HOUR DURING THE SOURCE TEST.
 - B. THE TEST SHALL BE CONDUCTED TO DETERMINE THE VOC EMISSION RATE IN POUNDS PER 1000 GALLONS OF ORGANIC LIQUIDS LOADED.
 - C. THE TEST SHALL BE CONDUCTED PERIODICALLY AT 3 YEAR INTERVALS.
[RULE 1303(a)(1) BACT, RULE 3004(a)(4) PERIODIC MONITORING]

Emissions and Requirements:

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

VOC: 0.08 LB/1000 GAL. ORGANIC LIQUID LOADED RULE 462
TOC/VOC: 35MG/LITER GASOLINE LOADED, 40CFR60 SUBPART XX



FACILITY PERMIT TO OPERATE TESORO LOGISTICS, COLTON TERMINAL

RULE 219 EQUIPMENT

Equipment Description:

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

Conditions:

1. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

FOR ARCHITECTURAL APPLICATIONS WHERE NO THINNERS, REDUCERS, OR OTHER VOC CONTAINING MATERIALS ARE ADDED, MAINTAIN SEMI-ANNUAL RECORDS OF ALL COATINGS CONSISTING OF (A) COATING TYPE, (B) VOC CONTENT AS SUPPLIED IN GRAMS PER LITER (g/l) OF MATERIALS FOR LOW-SOLIDS COATINGS, (C) VOC CONTENT AS SUPPLIED IN g/l OF COATING, LESS WATER AND EXEMPT SOLVENT, FOR OTHER COATING.

FOR OTHER ARCHITECTURAL APPLICATIONS WHERE THINNERS, REDUCERS, OR OTHER VOC CONTAINING MATERIALS ARE ADDED, MAINTAIN DAILY RECORDS FOR EACH COATING CONSISTING OF (A) COATING TYPE, (B) VOC CONTENT AS APPLIED IN GRAMS PER LITER (g/l) OF MATERIALS USED FOR LOW-SOLIDS COATINGS (C) VOC CONTENT AS APPLIED IN g/l OF COATING, LESS WATER AND EXEMPT SOLVENT, FOR OTHER COATING.
[RULE 3004 (a) (4)]

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



**FACILITY PERMIT TO OPERATE
TESORO LOGISTICS, COLTON TERMINAL**

RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, HAND WIPING OPERATIONS.

Emissions and Requirements:

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

VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS



**FACILITY PERMIT TO OPERATE
TESORO LOGISTICS, COLTON TERMINAL**

RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, AIR CONDITIONING UNITS.

Emissions and Requirements:

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

TOC: RULE 1415

TOC: 40CFR82 SUBPART B



FACILITY PERMIT TO OPERATE TESORO LOGISTICS, COLTON TERMINAL

SECTION E: ADMINISTRATIVE CONDITIONS

The operating conditions in this section shall apply to all permitted equipment at this facility unless superseded by condition(s) listed elsewhere in this permit.

1. The permit shall remain effective unless this permit is suspended, revoked, modified, reissued, denied, or it is expired for nonpayment of permit processing or annual operating fees. [201, 203, 209, 301]
 - a. The permit must be renewed annually by paying annual operating fees, and the permit shall expire if annual operating fees are not paid pursuant to requirements of Rule 301(d). [301(d)]
 - b. The Permit to Construct listed in Section H shall expire one year from the Permit to Construct issuance date, unless a Permit to Construct extension has been granted by the Executive Officer or unless the equipment has been constructed and the operator has notified the Executive Officer prior to the operation of the equipment, in which case the Permit to Construct serves as a temporary Permit to Operate. [202, 205]
 - c. The Title V permit shall expire as specified under Section K of the Title V permit. The permit expiration date of the Title V facility permit does not supercede the requirements of Rule 205. [205, 3004]
2. The operator shall maintain all equipment in such a manner that ensures proper operation of the equipment. [204]
3. This permit does not authorize the emissions of air contaminants in excess of those allowed by Division 26 of the Health and Safety Code of the State of California or the Rules and Regulations of the AQMD. This permit cannot be considered as permission to violate existing laws, ordinances, regulations, or statutes of other governmental agencies. [204]
4. The operator shall not use equipment identified in this facility permit as being connected to air pollution control equipment unless they are so vented to the identified air pollution control equipment which is in full use and which has been included in this permit. [204]



FACILITY PERMIT TO OPERATE TESORO LOGISTICS, COLTON TERMINAL

SECTION E: ADMINISTRATIVE CONDITIONS

5. The operator shall not use any equipment having air pollution control device(s) incorporated within the equipment unless the air pollution control device is in full operation. [204]
6. The operator shall maintain records to demonstrate compliance with rules or permit conditions that limit equipment operating parameters, or the type or quantity of material processed. These records shall be made available to AQMD personnel upon request and be maintained for at least five years. [204]
7. The operator shall maintain and operate all equipment to ensure compliance with all emission limits as specified in this facility permit. Compliance with emission limits shall be determined according to the following specifications, unless otherwise specified by AQMD rules or permit conditions: [204]
 - a. For internal combustion engines and gas turbines, measured concentrations shall be corrected to 15 percent stack-gas oxygen content on a dry basis and be averaged over a period of 15 consecutive minutes; [1110.2, 1134]
 - b. For other combustion devices, measured concentrations shall be corrected to 3 percent stack-gas oxygen content on a dry basis and be averaged over a period of 15 consecutive minutes; [1146, 1146.1, 204]
 - c. For non-combustion sources, compliance with emission limits shall be determined and averaged over a period of 60 minutes; [204]
 - d. For the purpose of determining compliance with Rule 407, carbon monoxide (CO) shall be measured on a dry basis and be averaged over 15 consecutive minutes, and sulfur compounds which would exist as liquid or gas at standard conditions shall be calculated as sulfur dioxide (SO₂) and be averaged over 15 consecutive minutes; [407]
 - e. For the purpose of determining compliance with Rule 409, combustion contaminant emission measurements shall be corrected to 12 percent of carbon dioxide (CO₂) at standard conditions and averaged over a minimum of 15 consecutive minutes. [409]



FACILITY PERMIT TO OPERATE TESORO LOGISTICS, COLTON TERMINAL

SECTION E: ADMINISTRATIVE CONDITIONS

- f. For the purpose of determining compliance with Rule 475, combustion contaminant emission measurements shall be corrected to 3 percent of oxygen (O₂) at standard conditions and averaged over 15 consecutive minutes or any other averaging time specified by the Executive Officer. [475]
8. The operator shall, when a source test is required by AQMD, provide a source test protocol to AQMD no later than 60 days before the proposed test date. The test shall not commence until the protocol is approved by AQMD. The test protocol shall contain the following information: [204, 304]
 - a. Brief description of the equipment tested.
 - b. Brief process description, including maximum and normal operating temperatures, pressures, throughput, etc.
 - c. Operating conditions under which the test will be performed.
 - d. Method of measuring operating parameters, such as fuel rate and process weight. Process schematic diagram showing the ports and sampling locations, including the dimensions of the ducts and stacks at the sampling locations, and distances of flow disturbances, (e.g. elbows, tees, fans, dampers) from the sampling locations (upstream and downstream).
 - e. Brief description of sampling and analytical methods used to measure each pollutant, temperature, flow rates, and moisture.
 - f. Description of calibration and quality assurance procedures.
 - g. Determination that the testing laboratory qualifies as an "independent testing laboratory" under Rule 304 (conflict of interest).
9. The operator shall submit a report no later than 60 days after conducting a source test, unless otherwise required by AQMD rules or equipment-specific conditions. The report shall contain the following information: [204]
 - a. The results of the source test.



FACILITY PERMIT TO OPERATE TESORO LOGISTICS, COLTON TERMINAL

SECTION E: ADMINISTRATIVE CONDITIONS

- b. Brief description of the equipment tested.
 - c. Operating conditions under which the test was performed.
 - d. Method of measuring operating parameters, such as fuel rate and process weight. Process schematic diagram showing the ports and sampling locations, including the dimensions of the ducts and stacks at the sampling locations, and distances of flow disturbances, (e.g. elbows, tees, fans, dampers) from the sampling locations (upstream and downstream).
 - e. Field and laboratory data forms, strip charts and analyses.
 - f. Calculations for volumetric flow rates, emission rates, control efficiency, and overall control efficiency.
10. The operator shall, when a source test is required, provide and maintain facilities for sampling and testing. These facilities shall comply with the requirements of AQMD Source Test Method 1.1 and 1.2. [217]
 11. Whenever required to submit a written report, notification or other submittal to the Executive Officer, AQMD, or the District, the operator shall mail or deliver the material to: Deputy Executive Officer, Engineering and Compliance, AQMD, 21865 E. Copley Drive, Diamond Bar, CA 91765-4182. [204]



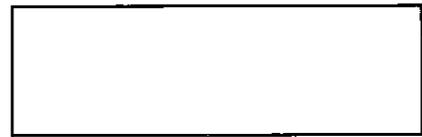
**FACILITY PERMIT TO OPERATE
TESORO LOGISTICS, COLTON TERMINAL**

SECTION F: RECLAIM MONITORING AND SOURCE TESTING REQUIREMENTS

NOT APPLICABLE



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





**FACILITY PERMIT TO OPERATE
TESORO LOGISTICS, COLTON TERMINAL**

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

NOT APPLICABLE



**FACILITY PERMIT TO OPERATE
TESORO LOGISTICS OPERATIONS, COLTON TERMINAL**

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

NONE



FACILITY PERMIT TO OPERATE TESORO LOGISTICS, COLTON TERMINAL

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
552625	462
552627	463

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 Copley Drive, Diamond Bar, CA 91765-4178





**RULE 462 CONTINUOUS MONITORING SYSTEM (CMS) COMPLIANCE PLAN
FACILITY ID 174705 – Tesoro Logistics, Colton Terminal**

CONTINUOUS MONITORING SYSTEM (CMS) EQUIPMENT

CONTINUOUS MONITORING SYSTEM (CMS) CONSISTING OF AN INFRARED INDUSTRIES INC. SUMMIT MODEL IR-8400D, GAS ANALYZER AND A YOKOGAWA DAQSTATION DZ106 SERIES RECORDER SERVING A JOHN ZINK CARBON ADSORPTION SYSTEM.

CONDITIONS

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 THE 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 TEST 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 CEMS FOR RELATIVE ACCURACY (RA) AND CALIBRATION DRIFT, AS DESCRIBED IN 40 CFR 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).



**RULE 462 CONTINUOUS MONITORING SYSTEM (CMS) COMPLIANCE PLAN
FACILITY ID 174705 – Tesoro Logistics, Colton Terminal**

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.
9. THE ELECTRONIC RECORDING DEVICES SHALL ARCHIVE DATA IN A SECURE ENCRYPTED FORMAT TO NONVOLATILE DATA STORAGE. INSTANTANEOUS READING 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 PERCENT 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 ACTION 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 THE CONDITIONS REQUIRED BY THIS PLAN. SUCH RECORDS SHALL BE KEPT FOR A LEAST FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.



**RULE 463 Inspection and Maintenance Plan Approval
FACILITY ID 174705 –Tesoro Logistic, Colton Terminal**

LEGAL OWNER OR OPERATOR: Tesoro Logistics, Colton Terminal
FACILITY LOCATION: 2395 W. Riverside Avenue, Bloomington, CA 92316
MAILING ADDRESS: 2395 W. Riverside Avenue, Bloomington, CA 92316

ADMINISTRATIVE REQUIREMENTS:

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

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

This plan does not authorize the emission of air contaminants in excess of those allowed by Division 26 of the Health and Safety Code or the Rules and Regulations of the AQMD. This plan cannot be considered as permission to violate existing laws, ordinances, regulations, or statutes of other governmental agencies.

RULE 463 EQUIPMENT:

Floating Roof Tanks as listed in submitted plan.

CONDITIONS:

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



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



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**Tesoro Logistics, Colton Terminal
Facility ID: 174705**

2395 South Riverside Avenue
Bloomington, CA 90280

Owned by: Tesoro Logistics Operations LLC

**SCAQMD Rule 463
FLOATING ROOF TANK INSPECTION AND MAINTENANCE
PLAN**

A. Purpose of Floating Roof Tank Inspection and Maintenance Plan

This Floating Roof Tank Inspection and Maintenance Plan has been prepared to comply with SCAQMD Rule 463. The plan originally was submitted in September 14, 1994 and has been updated periodically since then to reflect ownership changes, changes in the design or use of the tanks, or construction of a new tank subject to Rule 463. As of June 1, 2013, the facility is owned by Tesoro Logistics Operations LLC. This 463 Plan includes the following:

- Proposed Self-Inspection Schedule
- Number of Certified Persons Dedicated to Program
- Self-Inspection Procedures
- Safety Procedures
- Tank Inventory (Tank ID, Maximum Design Capacity, Product, Shell Type, Dimensions, Seal Type, Seal Manufacturer, Floating Roof Type, Date of Construction, Location)

B. Proposed Self-Inspection Schedule

Tesoro Logistics, Colton Terminal will inspect all floating roof tanks twice per year at 4 to 8 month intervals. To help assure that inspections occur within the 4 to 8 month window, inspections will be planned to take place during the months of approximately March and September. However, flexibility in scheduling will be accommodated as long as the 4 to 8 month window is met. Inspections will be conducted by a certified person in accordance with the procedures and guidelines set forth in "Inspection Procedures and Compliance Report Form" (Attachment B).

Each time a tank is emptied and degassed, the primary and secondary seals will be inspected by a certified person. On external floating roofs, gap measurements will be taken when the liquid surface is still, but not more than 24 hours after the tank roof is refloated. SCAQMD will be notified at least two weeks prior to starting a tank-emptying or roof-refloating operation for planned tank maintenance.

C. Number of Certified Persons Dedicated to the Program

Typically, two Tesoro employees associated with operation of the terminal are certified to perform the semi-annual Rule 463 Tank Inspections at the Colton Terminal. However, in many cases, the inspections will be performed by outside contractors. Outside contractors will also be used to perform the primary and secondary seal inspections when a tank is emptied and degassed. Only Tesoro employees or outside contractors who are SCAQMD certified tank inspectors, holding a certificate attesting to completion of the training, will conduct Rule 463 tank inspections.

D. Self Inspection Procedures

All Tank inspections are conducted in accordance with the procedures and guidelines set forth in SCAQMD's "Inspection Procedures and Compliance Report Form" (Attachment B).

E. Safety Procedures

Safety procedures followed during tank inspections are contained in the Tesoro Logistics Operations Health and Safety Procedures Manual. Copies of these procedures are located in Attachment A. Procedures, which apply to tank inspections per Rule 463, include, but may not be limited to the following:

Procedure Name

Blinding and Equipment Isolation
Confined Spaces, Permit-Required
Contractor Safety
Lockout/Tagout (Control of Hazardous Energy Sources)
Tank Cleaning

**Rule 463 Tank Inventory
Tesoro Logistics, Colton Terminal**

Tank ID #	App. Number	Permit to Operate Number	CAPACITY (Bbls)	PRODUCT TYPE	SHELL TYPE	DIMENSIONS	SEAL TYPE	SEAL MFR	FLOATING ROOF TYPE	TANK CONST. DATE
1	552593	G29333	42,000	Gasoline	Welded	D: 80'0" H: 48'0"	Primary: Mech. Shoe Secondary: Wiper	Primary: HMT, Inc. Secondary: HMT, Inc.	External	1955
2	552596	G29335	40,000	Gasoline	Welded	D: 80'0" H: 46'0"	Primary: Mech. Shoe Secondary: Wiper	Primary: HMT, Inc. Secondary: HMT, Inc.	External	1956
3	552598	G29336	20,000	Gasoline	Welded	D: 60'0" H: 40'0"	Primary: Mech. Shoe Secondary: Wiper	Primary: Matrix Secondary: Matrix	Internal	1956
6	552600	G29337	426	Oily Water	Welded	D: 15'0" H: 16'0"	Primary: Foam Log (Vapor Mounted) Secondary: Wiper	Primary: HMT, Inc. Secondary: HMT, Inc.	Internal	1956
7	552601	G29338	20,000	Gasoline	Welded	D: 60'0" H: 33'7"	Primary: Mech. Shoe Secondary: Wiper	Primary: Matrix Secondary: Matrix	Internal	1970
8	552603	G29339	30,000	Gasoline	Welded	D: 73'3" H: 33'10"	Primary: Mech. Shoe Secondary: Wiper	Primary: HMT Secondary: HMT	Internal	1973
9	552614	G29345	35,000	Diesel or Gasoline (Mid 2014)	Welded	D: 70'0" H: 56'0"	Primary: Mech. Shoe	Primary: Matrix	Internal	1983
10	552606	G29340	35,000	Gasoline	Welded	D: 70'0" H: 56'0"	Primary: Foam Log (Vapor Mounted) Secondary: Wiper	PDM	Internal	1985
11	552607	G29341	35,000	Gasoline	Welded	D: 70'0" H: 56'0"	Primary: Mech. Shoe	CBI	Internal	1989
15	552611	G29343	10,500	Gasoline or Ethanol	Welded	D: 40'0" H: 48'0"	Primary: Mech. Shoe Secondary: Wiper	Primary: CBI Secondary: CBI	Internal	1996

Attachment A

Health and Safety Procedures

Blinding and Equipment Isolation
Confined Spaces, Permit-Required
Contractor Safety
Lockout/Tagout (Control of Hazardous Energy Sources)
Tank Cleaning

BLINDING AND EQUIPMENT ISOLATION

1.0. BLINDING AND ISOLATION

Blinds shall be installed to effectively isolate equipment, vessels, and piping from other parts of operating areas so repairs, maintenance, or cleaning can be conducted in a safe manner. Closing a block valve will not be sufficient in isolating the area when entering a confined space. Disconnecting is also an adequate means of isolation.

2.0. EXCEPTIONS AND ENFORCEMENT

Exceptions to blinding must be approved by the supervisor in charge at that location. The operating supervisors are responsible for the implementation and enforcement of this program.

3.0. PROCEDURE FOR OPENING FLANGED JOINT FOR INSTALLATION OF BLINDS

Before opening any flanged joint for the installation of a blind:

- 3.1. Verify the exact locations where blinds are necessary.
- 3.2. Determine from the designated operator that the equipment or piping is prepared for, and properly released for blinding. Verify that lines and equipment have been depressured and drained. Also, ensure that drain valves are open by using proper rod-out equipment.
- 3.3. Determine what product or material has been contained in the equipment or piping. If this material is hazardous, secure and wear the appropriate protective clothing and equipment.
- 3.4. If equipment is under more than slightly above atmospheric pressure, make sure that the operating supervisor in charge has granted approval.
- 3.5. Please reference Lockout/Tagout section of this manual for applicability when performing blinding or equipment isolation.

4.0. PROCEDURE FOR OPENING FLANGED JOINT FOR INSTALLATION OF BLIND

When opening any flanged joint for the installation of blinds:

- 4.1. Wear protective clothing and equipment as dictated by the circumstances. Always wear appropriate eye protection.
- 4.2. Remove flange bolting leaving a minimum of two, then loosen these bolts and without completely removing the nuts spread the flanges to install the blind. Always spread the flange on the side away from the workman first so any sudden release will be directed away.
- 4.3. Flanges should be open a minimum length of time consistent with the safe installation of the blind.

1.0. INTRODUCTION

OSHA 29 CFR 1910.146 "Permit-Required Confined Spaces" states that no confined space shall be entered until precautionary measures have been taken to secure the safety of personnel from atmospheric, mechanical, and other hazards. Each location shall adhere to the confined space procedures, practices, and rules contained in this program, including the issuing of permits that authorize entry into a Permit-Required Confined Space.

1.1. What is a Confined Space?

A space that is large enough and so configured that an employee can bodily enter and perform assigned work; has limited or restricted means for entry or exit; and is not designed for continuous employee occupancy.

1.2. What is a Permit-Required Confined Space?

A confined space that has one or more of the following characteristics:

1.2.1. Contains or has potential to contain a hazardous atmosphere;

1.2.2. Contains a material that has the potential for engulfing an entrant;

1.2.3. Has an internal configuration such that an entrant could be trapped or asphyxiated by inwardly converging walls or by a floor which slopes downward and tapers to a smaller cross-section; or

1.2.4. Contains any other recognized serious safety or health hazard.

1.2.5. Examples of Permit-Required Confined Spaces are, but not limited to: above and underground storage tanks; tops of floating roof tanks; filter or pressure vessels; motor control buildings; ship, barge, truck, and rail car product storage compartments; stacks and ducts; catch basins, sewers, water conduits, and sumps; wells, deep pits, pipe chases, box culverts, utility vaults, etc.

1.3. What is an Alternate Procedure Confined Space?

An alternate procedure confined space is a reclassified permit-required space whose only hazard is an actual or potential hazardous atmosphere that can be controlled by continuous forced air ventilation alone.

1.4. What is a Non-Permit Required Confined Space?

A non-permit required confined space is a reclassified permit-required confined space that poses no actual or potential atmospheric hazards and all other hazards in the space have been eliminated.

2.0. PERMIT-REQUIRED CONFINED SPACES

2.1. Permit-required spaces are spaces where the toxic gases or oxygen concentrations may require some respiratory protection or mechanical ventilation. Examples are tank cleaning or internal floating roof descent. Only trained personnel should be permitted

to enter permit-required spaces. Entry permits are valid only for the period of time required to complete the assigned task or job identified on the permit.

- 2.2. Permit-Required Confined Spaces that can be entered shall bear a warning label at all entrances, e.g., **"DANGER—PERMIT-REQUIRED CONFINED SPACE, DO NOT ENTER"**.
- 2.3. A permit system shall control entry into any permit-required confined space (See Appendix A - Confined Space Entry Permit"). All areas and item lines of the permit must be filled in. Use **NA (Not Applicable)** if area or item line is not applicable.
- 2.4. These spaces will be continuously monitored for oxygen and flammable limits throughout entry. Toxic gases will also be monitored if the situation indicates the potential for their presence.
- 2.5. If the entry into a permit-required enclosure will continue through shift change, workmen must inform operating personnel so that the entry supervisor can ensure that the operation is properly transferred and that permit conditions remain unchanged.
- 2.6. While working inside a permit-required space, a full-time PPE-equipped standby person or attendant is required, including required emergency rescue equipment. Refer to the Section 12.0 for the duties pertaining to this person. Non-permit-required spaces do not mandate a full-time standby person or attendant unless specified by the permit originator.
- 2.7. Pre-planning for rescue and emergency response should be done prior to commencement of the entry. All required rescue equipment must be at the entry location and ready for immediate use.
- 2.8. No Hot Work may be performed in a permit-required space unless it is verified that hot work will not add to the hazards present and a separate Hot Work Permit is issued.
- 2.9. Upon completion of the entry covered by the permit and after all entrants have exited the permit space, the permit originator shall be notified. It is the responsibility of the entry supervisor to cancel the permit by signing and dating (including the time) the permit in the spaces provided. This cancellation should occur on the file copy. All posted copies of the permit should be immediately removed.

3.0. NON-PERMIT REQUIRED CONFINED SPACES

- 3.1. Non-permit spaces are reclassified permit-required spaces that meet the following:
 - 3.1.2. Pose no actual or potential atmospheric hazards (oxygen deficient and/or toxic concentrations exceed PELs and TLVs; flammability concentrations in excess of 10 percent of lower flammable limit).
 - 3.1.3. All other hazards eliminated (engulfment, entrapment, etc.).

4.2.8. If a hazardous atmosphere is detected, entrants must evacuate and the space be re-evaluated.

4.3. Daily Hot Work Permits may be required .

5.0. PREPARATION OF CONFINED SPACE ENTRY PERMITS

The people who prepare Confined Space Entry Permits must help protect the entrants against all known hazards. Such hazards include exposure to toxic gases, fumes, and harmful chemicals without proper protective equipment, improper isolation of lines, inadequate ventilation, and unsafe access.

5.1. Verbal permission cannot be given to enter a Confined Space.

5.2. The Entry Supervisor will authorize a permit to be issued by signing the permit in the proper location.

5.3. The Entry Supervisor may assign a person with proper training to make the required gas tests, perform necessary safety inspections and prepare the remainder of the form. The Entry Supervisor, however, is ultimately responsible to insure that the contractor is properly prepared, entrance and rescue procedures are followed, and conditions for safe entry are maintained.

5.4. All Entry Permits require testing for oxygen deficiency, total hydrocarbons, benzene and explosive gases. Before an employee enters the space, the internal atmosphere shall be tested, with a calibrated direct-reading instrument, for the following conditions in the order given:

5.4.1. Oxygen content, acceptable levels are:
Greater than 19.5% and
Less than 23.5%

5.4.2. Flammable gases and vapors, acceptable levels are:
Less than 10% for Hot Work (NO entry without proper PPE) and
Less than 20% for non-spark producing type work

5.4.3. Total Hydrocarbon contaminants, acceptable levels are:
Less than 300 ppm for 8 hour TWA and
Less than 500 ppm for 15 min. STEL

5.4.4. Benzene, acceptable levels are:
Less than 1 ppm for 8 hour TWA and
Less than 5 ppm for 15 min. STEL

5.4.5. Lead, acceptable levels are:
Less than 50 ug/m³ for 8 hour TWA

- 7.1. A copy of all issued Confined Space Entry Permits must be retained on site for one year. The filed permit must have the originator's signature, date, and time the permit was canceled in the appropriate boxes.
- If there is insufficient space to record all authorized entrants on the permit form, a list of authorized entrants must be attached to the **ORIGINAL** copy AND to the file copy of the permit.
- 7.2. A review of the Permit-Required Confined Space Program is required annually by the Area HSE Advisor. All canceled permits for the current year must be reviewed to determine if revisions to the program are required. Revisions to the program must be made to ensure that employees participating in entry operations are protected from permit space hazards.

NOTE: It is permissible, under the regulation, to perform a single annual review covering all entries performed during a 12 month period. If no entry is performed during a 12 month period, no review is necessary.

8.0. GENERAL REQUIREMENTS FOR ALL CONFINED SPACES

- 8.1. Hazard elimination by engineering methods (i.e., improved ventilation) or administrative controls (elimination of source, removal of people, etc.) is considered the first priority. Where such controls are not feasible, or are unsuccessful, respiratory protection equipment must be used.
- 8.2. Each facility must be evaluated to determine if there are any permit-required confined spaces in the workplace.
- If the workplace contains any permit spaces then all exposed employees shall be informed, by posting danger signs or by any other equally effective means, of the existence and location of and the danger posed by the permit space.
- 8.3. Signs and/or barricades must be posted to prevent unauthorized entry into the Confined Space.
- 8.4. All lines to an enclosure must be blinded in place or physically disconnected with blind flanges installed over the end(s).
- 8.5. All electrical and/or mechanical devices must be isolated per the lockout/tagout procedures.
- 8.6. Positive ventilation, usually produced by an air mover blowing air into or out of the space, is recommended for any entry to perform work. Steps should be taken to direct exiting vapors away from any potential ignition sources.

- 10.1. All persons connected in any capacity with permit-required confined space entries must be provided with full information and training that will give them the understanding, skills, and knowledge to carry out their jobs safely. For all of them this will include the hazards of confined spaces and the effects and consequences of various possible exposures.
- 10.2. Some personnel will need more specialized information and training as listed below:
- 10.2.1. ENTRY SUPERVISORS
- 10.2.1.1. Must know the appropriate tests and monitoring,
- 10.2.1.2. must know how to determine acceptable and prohibited conditions, and
- 10.2.1.3. must know the proper permitting and entry procedures.
- 10.2.2. AUTHORIZED ENTRANTS
- 10.2.2.1. Must be able to recognize signs and symptoms of exposure,
- 10.2.2.2. know how to use any needed entry and rescue equipment,
- 10.2.2.3. how to communicate with attendants as needed and alert them when some warning symptom or hazardous condition becomes evident, and
- 10.2.2.4. how to exit as promptly as possible when ordered or alerted to do so.
- 10.2.3. ATTENDANTS
- 10.2.3.1. Must know how to monitor activities and conditions of the space and the entrants,
- 10.2.3.2. how to order exit or summon rescue services, and
- 10.2.3.3. how to perform non-entry rescue.
- 10.2.4. RESCUE PERSONNEL
- 10.2.4.1. Whether on-site or off-site, need to know all of the same things that authorized entrants do.
- 10.2.4.2. The on-site rescue teams must be provided with proper personal protective and rescue equipment, and training in how to use it.
- 10.2.4.3. Each member must have first-aid training, including CPR. At least one member must have current certification in first-aid and CPR.

- 11.1.4.1. the entrant recognizes any warning sign or symptom of exposure to a dangerous situation, or
- 11.1.4.2. the entrant detects a prohibited condition.
- 11.1.5. Exits from the permit space as quickly as possible whenever:
 - 11.1.5.1. an order to evacuate is given by the attendant or the entry supervisor,
 - 11.1.5.2. the entrant recognizes any warning sign or symptom of exposure to a dangerous situation,
 - 11.1.5.3. the entrant detects a prohibited condition, and
 - 11.1.5.4. an evacuation alarm is activated.
- 11.2. ATTENDANT
 - 11.2.1. Knows the hazards that may be faced during entry, including information on the mode, signs or symptoms, and consequences of the exposure;
 - 11.2.2. Is aware of possible behavioral effects of hazard exposure in authorized entrants;
 - 11.2.3. Continuously maintains an accurate count of authorized entrants in the permit space and ensures that the means used to identify authorized entrants accurately identifies who is in the permit space;
 - 11.2.4. Remains outside the permit space during entry operations until relieved by another attendant;
 - 11.2.5. Communicates with authorized entrants as necessary to monitor entrant status and to alert entrants of the need to evacuate the space if needed;
 - 11.2.6. Monitors activities inside and outside the space to determine if it is safe for entrants to remain in the space and orders the authorized entrants to evacuate the permit space immediately under any of the following conditions:
 - 11.2.6.1. if the attendant detects a prohibited condition;
 - 11.2.6.2. if the attendant detects the behavioral effects of hazard exposure in an authorized entrant;
 - 11.2.6.3. if the attendant detects a situation outside the space that could endanger the authorized entrants; or

12.0. RESCUE AND EMERGENCY SERVICES

12.1. A review should be conducted of all the different types of confined spaces which will be entered and what steps/equipment it will take to get someone out. Consideration should be given to the size and configuration of the confined space and the body size of entering personnel. The following requirements apply to company employees who enter permit spaces to perform rescue services:

12.1.1. The company will ensure that each member of the rescue service shall be trained to perform the assigned rescue duties. Each member of the rescue service shall also receive the training required of authorized entrants.

12.1.2. The company will ensure that each member of the rescue service is provided with, and is trained to use properly, the personal protective equipment and rescue equipment necessary for making rescues from permit spaces.

12.1.3. Each member of the rescue service shall practice making permit space rescues at least once every 12 months, by means of simulated rescue operations in which they remove dummies, mannequins, or actual persons from the actual permit spaces or from representative permit spaces. Representative permit spaces shall, with respect to opening size, configuration, and accessibility, simulate the types of permit spaces from which rescue is to be performed.

12.1.4. Each member of the rescue service shall be trained in basic first-aid and in cardiopulmonary resuscitation (CPR). At least one member of the rescue service, having a current certification in first-aid and in CPR, must be available.

12.1.5. ~~For permit-required confined spaces, emergency response personnel shall be on-site.~~ For non permit-required confined spaces, rescue personnel should be available within 10 to 15 minutes.

12.2. Off-site emergency response personnel (local fire, rescue, etc.) may be used provided they are:

12.2.1. qualified to perform a rescue, and

12.2.2. are familiar with the premises.

12.3. If outside emergency organizations are to be used as rescuers, these organizations should be involved in rescue procedure development and drills.

12.3.1. Inform the rescue service of the hazards they may confront when called on to perform rescue at our facility;

12.3.2. Provide the rescue service access to all permit spaces from which rescue may be necessary so that the rescue service can develop appropriate rescue plans and practice rescue operations;

14.0. GLOSSARY OF TERMS

ACCEPTABLE ENTRY CONDITIONS

Conditions that must exist in a permit space to allow entry and to ensure that employees involved with a permit-required confined space entry can safely enter into and work within the space.

ALTERNATE PROCEDURE CONFINED SPACE

An alternate procedure confined space is a reclassified permit-required space whose only hazard is an actual or potential hazardous atmosphere that can be controlled by continuous forced air ventilation alone. Monitoring and inspection data must support the existence and control of the only hazard, atmospheric.

ATTENDANT

An individual stationed outside one or more permit spaces who monitors the authorized entrants and who performs all attendant's duties assigned in the permit space program.

BLANKING OR BLINDING

The absolute closure of a pipe, line, or duct by the fastening of a solid plate (such as a spectacle blind or a skillet blind) that completely covers the bore and that is capable of withstanding the maximum pressure of the pipe, line, or duct with no leakage beyond the plate.

CONFINED SPACE

A space that is large enough and so configured that an employee can bodily enter and perform assigned work; has limited or restricted means for entry or exit; and is not designed for continuous employee occupancy.

EMERGENCY

Any occurrence (including failure of hazard control or monitoring equipment) or event internal or external to the permit space that could endanger entrants.

ENTRY

The action by which a person passes through an opening into a permit-required confined space. Entry includes ensuing work activities in that space and is considered to have occurred as soon as any part of the entrant's body breaks the plane of an opening into the space.

ENTRY PERMIT (PERMIT)

The written or printed document that is provided by the employer to allow and control entry into a permit space and that contains the information specified in 29 CFR 1910.146 (f).

ENTRY SUPERVISOR

HAZARDOUS ATMOSPHERE

An atmosphere that may expose employees to the risk of death, incapacitation, impairment of ability to self-rescue (that is, escape unaided from a permit space), injury or acute illness from one or more of the following causes:

1. Flammable gas vapor or mist in excess of 10 percent of its lower flammable limit (LFL);
2. Airborne combustible dust at a concentration that meets or exceeds its LFL;
3. Atmospheric oxygen concentration below 19.5% or above 23.5%;
4. Atmospheric concentration of any substance for which a dose or a permissible exposure limit is published in Subpart G, Occupational Health and Environmental Control, or in Subpart Z, Toxic and Hazardous Substances of 29 CFR 1910 and which could result in employee exposure in excess of its dose or permissible exposure limit;
5. Any other atmospheric condition that is Immediately Dangerous to Life or Health (IDLH).

HOT WORK PERMIT

The employer's written authorization to perform operations (for example, riveting, welding, cutting, burning, and heating) capable of providing a source of ignition.

IMMEDIATELY DANGEROUS TO LIFE OR HEALTH (IDLH)

Any condition that poses an immediate or delayed threat to life or that would cause irreversible adverse health effects or that would interfere with an individual's ability to escape unaided from a permit space.

NON-PERMIT CONFINED SPACE

A confined space that does not contain or, with the respect to atmospheric hazards, have the potential to contain any hazard capable of causing death or serious physical harm.

PERMISSIBLE EXPOSURE LIMIT (PEL)

An exposure limit that is published and enforced by OSHA as a legal standard and refers to a TWA under which most people can work safely for 8 hours a day with no harmful effects.

PERMIT-REQUIRED CONFINED SPACE (PERMIT SPACE)

A confined space that has one or more of the following characteristics:

1. Contains or has the potential to contain a hazardous atmosphere;
2. Contains a material that has the potential for engulfing an entrant;
3. Has an internal configuration such that an entrant could be trapped or asphyxiated by inwardly converging walls or by a floor which slopes downward and tapers to a smaller cross section; or
4. Contains any other recognized serious safety or health hazard.

PROHIBITED CONDITION

Any condition in a permit space that is not allowed by the permit during the period when entry is authorized.

CONTRACTOR SAFETY PROGRAM

1.0 POLICY

We expect contractors and suppliers to conduct their operations in a manner consistent with those of BP. Businesses are also expected to monitor contractor performance and use this information as a key part of the future selection process.

2.0 STAGES OF A CONTRACTOR SAFETY MANAGEMENT SYSTEM

A contractor safety management system evolves through stages that enables management to effectively plan and complete the work safely. The sections of the document follow the topic listed below for implementation of the system. Appendix A provides a graphic representation of the process.

Risk Assessment
Vetting, Pre-Qualification Process
Selection and Orientation
Monitoring and Audits
Performance Evaluation
Dismissal
Reinstatement

3.0 RISK ASSESSMENT

A key factor on the controls required for Contractor Management comes from the understanding of the "risks" associated with the activity (includes size and type of contractor) and the commitment BP is making towards the "contractor" with respect to duration of the contract.

The "term" or duration of a contract can dictate the ability to impose sufficient standards on the contractor that should ensure improved HSE performance.

The matrix in Appendix B along with the terminal's classification of major contracts types can be used as an indicator on the risk exposure potential. Within the matrix a traffic light color (Red, Yellow, Green) guide has been used to highlight such exposures posed by differing contracts. This is a template and each location should classify their contractors according to the risks associated with their work and the duration of exposure.

4.0 CONTRACTOR VETTING AND PRE-QUALIFICATION PROCESS

BP hires contractors for a variety of work activities that involve varying degrees of risk. We must assess the contractors and subcontractors safety and health programs. This ensures the risks associated with their activities are managed effectively. All Contractors are evaluated during the pre-bid selection for the type of work to be performed. Safety and health must be one of the prime considerations during the evaluation process. A review of a Contractor's previous safety experience is a valuable resource of information in the screening process. Appendix D contains the recommended pre-qualification survey form that is to be used to conduct an evaluation of a Contractor's safety and health program. The determination of a Contractor's ability to work safely is the responsibility of the location, individual or staff hiring the contractor.

CONTRACTOR SAFETY PROGRAM

7.0. MONITORING, AUDITING and SAFETY REVIEWS

The BP Representative shall enforce the contract by reviewing the Contractor's work, safety procedures and personal protective equipment. If it is determined that the work is being performed in an unsafe manner, then the BP Representative shall stop the affected work **immediately**. The Contractor shall promptly investigate the complaint and eliminate unsafe acts/conditions as they occur and shall maintain safe working practices among its employees and employees of its subcontractors. Contractor who fails to comply with these requirements shall be subject to dismissal. BP will conduct routine inspections and audits of its Contractor work force to determine compliance with BP's safety programs and policies.

Checklists that can be used are:

- BP HSE Assurance Audit Checklist
- Appendix F--Construction Safety Aspects (based on OSHA 1926)
- Appendixes G, G-1, G-2, G-3, G-4--Driver, DOT, Carrier Issues
- Appendix H--Site Self Program Audit Checklist

The contractor should conduct safety reviews, hazard monitoring, and tool box meetings of their own operations. The procedure and form in Appendix I can be used for Pre Task Safety Reviews.

8.0 POST PROJECT PERFORMANCE REVIEW

The BP Representative should conduct periodic and post-project reviews with the Contractors to determine the quality and effectiveness of the Contractor's performance. This evaluation should be documented for suitability of future work with BP. Two appendixes apply to this post project review. Appendix J can be used to gather the statistical information incurred by the project. Appendix K can be used to evaluate the contractor's safety performance.

9.0. DISCHARGE CRITERIA FOR SAFETY RELATED PERFORMANCE

The purpose of a safety management system is to prevent accidents, injuries and illnesses through a process of improvement. In some cases, it may be necessary to take drastic action to ensure that improvement does occur. Appendix L establishes the guidelines to be used to discharge contract firms and/or personnel due to poor safety performance.

10.0. REINSTATEMENT CRITERIA FOR SAFETY RELATED PERFORMANCE

BP may discharge a contracting company and/or employee from a site and future use due to a pattern of non-improvement in their safety performance and/or safety and health programs. Reinstatement allows the Contractor to bid on jobs. The Contractor must meet all of the criteria, listed in Appendix M, prior to being reinstated and working on T&D Sites.

11.0. DEFINITIONS

CONTRACT

A contract establishes and defines the relationship between the Contractor and BP. Based on procedures established by BP Materials Management, the contract shall contain a clause

1.0 PURPOSE

This procedure establishes the minimum requirements for the lockout or tagout of energy isolating devices. It shall be used to ensure that the machine(s) or equipment are isolated from all potentially hazardous energy, and locked out or tagged out before employees perform any servicing or maintenance activities where unexpected energizing, start up, or release of stored energy could cause injury. Conductors and/or parts of electrical equipment that have been de-energized but have not been locked out or tagged shall be treated as energized parts.

2.0. GENERAL

- 2.1. All energy sources shall be locked and tagged in the off or closed position when maintenance work is being performed by either company or contract personnel. An energy source is any electrical, mechanical, hydraulic, pneumatic, chemical, nuclear, thermal, or other energy source that could cause injury to personnel.
- 2.2. The terminal supervisor or an "authorized employee" will be responsible to ensure that all equipment is properly locked and tagged out prior to starting work. The use and procedures of the lockout/tagout program shall be reviewed with appropriate personnel when there is a change in assignments, equipment, or procedures. This training shall be documented.
- 2.3. Specific procedures must be developed in a written program for each piece of equipment. Appendix A should be used to record the procedures.
- 2.4. Whenever non-BP employees (contractors) are scheduled to perform work covered by this program, both employers (BP and contractor) must inform each other of the respective requirements and ensure all procedures are complied with.
- 2.5. This program does not apply to work on cord and plug connected electric equipment for which exposure to the hazards of unexpected energization or start-up of the equipment is controlled by unplugging the equipment from the energy source and by the plug being under the exclusive control of the employee performing the servicing.

3.0. SEQUENCE OF LOCKOUT AND TAG PROCEDURE

- 3.1. Notify all affected employees and other employees whose work operations are or may be in the area (before and/or after) about the lockout/tagout procedure and about the prohibition relating to attempts to restart or re-energize equipment locked/tagged out.
- 3.2. If the equipment is operating, shut it down by the normal stopping procedure (depress STOP button, open toggle switch, etc.).
- 3.3. Turn main power switch OFF, close valve, or other energy isolating device so that the energy source(s) (electrical, mechanical, hydraulic, etc.) are disconnected or isolated from the equipment. Stored energy such as that stored in capacitors or hydraulic, air, gas, steam, or water pressure accumulators, and other energy sources must be

4.2. Only the person who placed his lock and signed the tag may remove his lock. In the event a person is unavailable to remove his lock, the following procedure must be followed:

4.2.1. Verify that the employee is not at the facility.

4.2.2. Ensure the employee knows the lock/tag will be removed before removing the lock and resuming work at the facility.

4.2.3. The employee's immediate supervisor, or the employee's relief are authorized to use the above procedure and then remove the lock/tag.

5.0. LOCKS AND TAGS

5.1. Each facility should provide standardized tags and individually keyed locks as required to execute the above outlined procedure. The keyed locks shall be of a specific design used only for the lockout/tagout program.

5.2. BP tags or their equivalent shall be used. Tags are available any safety supply catalog.

6.0. PERIODIC INSPECTION

6.1. Each facility must conduct a periodic inspection of this program (at least annually) to ensure the procedure is being followed. This inspection must be documented.

6.2. The inspection shall be performed by a trained employee other than one currently utilizing the lockout/tagout being inspected. This will include a review between the inspector and each employee utilizing the lockout/tagout of the responsibilities under the procedure being inspected. Appendix B contains a sample inspection checklist that may be used for the inspection and inspection documentation.

7.0. TRAINING

7.1. All employees who participate in the lockout/tagout program or who may be affected by the program must be trained prior to their participation in the program.

7.2. The training should ensure that the purpose and function of the lockout/tagout program is understood and that the knowledge and skills required for the safe application, usage and removal of energy controls are conveyed to the employees.

7.3. Training should specifically encompass recognition of hazardous energy sources, type and magnitude of energy in the workplace, methods and means necessary for energy control and the purpose and use of the lockout/tagout program.

7.4. Retraining shall be provided whenever there is a change in the lockout/tagout program and whenever job changes or changes in equipment present a new hazard.

TANK CLEANING PROCEDURES

- 9.3. A tank with a history of leaded service or with an unknown history should be considered as providing a lead hazard until the following conditions have been satisfied:
 - 9.3.1. The tank has been cleaned and all sludge removed.
 - 9.3.2. Loosely adherent materials have been removed from the portion of the tank that has been in direct contact with sludge.
 - 9.3.3. The tank is essentially dry and free from liquids or puddles.
 - 9.3.4. A satisfactory lead-in-air analysis has been obtained after the three previous steps have been completed.

10.0. WORKING IN THE TANK

- 10.1. Ventilation should be continued until product and sludge have been removed.
- 10.2. Tests for flammable and toxic vapors should be repeated at frequent intervals throughout the entire cleaning period, especially before re-entry following any extended interruption of work.
- 10.3. Vacuum trucks must be kept in a vapor-free area outside the path of probable vapor travel (upwind).
- 10.4. Additional precautions must be considered as other potential hazards are introduced into the confined space.

11.0. REFERENCES

- 11.1. American Petroleum Institute; API 2015, Cleaning Petroleum Storage Tanks.
- 11.2. American Petroleum Institute; API 2015A, Guide for Controlling the Lead Hazard Associated with Tank Entry and Cleaning.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

RULE 463 COMPLIANCE REPORT

PLEASE COMPLETE FORM LEGIBLY IN BLACK INK **

Tank No. _____ SCAQMD Permit No. _____ Inspection Date _____ Time _____

Is This a Follow-up Inspection? No [] Yes [] If yes, Date of Previous Inspection _____

A. COMPANY INFORMATION:

Company Name _____
Location Address _____ City _____ Zip _____
Mailing Address _____ City _____ Zip _____
Contact Person _____ Title _____
Phone _____

B. INSPECTION CONDUCTED BY:

Name _____ Title _____
Company Name _____ Phone _____
Mailing Address _____ City _____ Zip _____

C. TANK INFORMATION:

Capacity _____ (bbls) Installation Date _____ Tank Diameter _____ (ft) Tank Height _____ (ft)
Product Type _____ Product RVP _____ If Crude, H₂S Content _____ (ppm weight)
Type of Tank: Riveted [] Welded [] Other [] (describe) _____
Color of Shell _____ Color of Roof _____
Roof Type: Pontoon [] Double Deck [] Other (describe) _____
External floating roof [] Internal floating roof []

D. GROUND LEVEL INSPECTION:

1) Product Temperature _____ °F 2) Product Level _____ (ft)

3) List type and location of leaks found in tank shell.

4) List any discrepancies between the existing equipment and the equipment description on the Permit.

5) Is tank in compliance with Permit conditions? No [] Yes []. If no, explain:

E. INTERNAL FLOATING ROOF TANK:

- 1) Check vapor space between floating roof and fixed roof with explosimeter. _____ % LEL
- 2) Conduct visual inspection of roofs and secondary seals, if applicable.
- 3) Are all roof openings covered? No [] Yes []. If no, explain in Comments section (J) and proceed to part H (6).

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
 RULE 463 COMPLIANCE REPORT

**** PLEASE COMPLETE FORM LEGIBLY IN BLACK INK ****

Tank No. _____ SCAQMD Permit No. _____

IF INTERNAL FLOATING ROOF TANK, PROCEED TO PART H (6).

G. CALCULATIONS - complete all applicable portions of the following:

Record dimensions of indicated gaps [from F(4)(d), F(5)(b), and F(5)(f)]. Record in feet and inches.

Gaps in primary seal between 1/8 and 1/2 inch: _____

Gaps in primary seal between 1/2 and 1 1/2 inch: _____

Gaps in primary seal greater than 1 1/2 inches: _____

Gaps in secondary seal between 1/8 and 1/2 inch: _____

Gaps in secondary seal greater than 1/2 inch: _____

Multiply diameter (ft) of tank to determine appropriate gap limits:

5% circumference = diameter X 0.157 = _____ 60% circ. = diam. X 1.88 = _____

10% circumference = diameter X 0.314 = _____ 90% circ. = diam. X 2.83 = _____

30% circumference = diameter X 0.942 = _____ 95% circ. = diam. X 2.98 = _____

H. DETERMINE COMPLIANCE STATUS OF TANK:

- 1) Were any openings found on the roof? No [] Yes []
- 2) Were any tears in the seals found? No [] Yes []
- 3) Is the product level lower than the level at which the roof would be floating? No [] Yes []
- 4) Secondary Seal:
 - Did 1/2" probe drop between shell and seal? No [] Yes []
 - Did cumulative 1/8"-1/2" gap exceed 95% circumference length? No [] Yes []
- 5) Primary Seal:
 - Shoe - Did 1 1/2" probe drop between shell and seal? No [] Yes []
 - Did cumulative 1/2"-1 1/2" gap exceed 30% circumference length, and
 - Did cumulative 1/8"-1/2" gap exceed 60% circumference length? No [] Yes []
 - Did any single continuous 1/8" - 1 1/2" gap exceed 10% circ. length? No [] Yes []
 - Tube - Did 1/2" probe drop between shell and seal? No [] Yes []
 - Did cumulative 1/8"-1/2" gap exceed 95% circumference length? No [] Yes []
- 6) Internal floating roof (installed before 6/1/84) did LEL exceed 50%? No [] Yes []
 - (installed after 6/1/84) did LEL exceed 30%? No [] Yes []
- 7) Does tank have permit conditions? No [] Yes []
 - Does tank comply with these conditions? No [] Yes []

I. IF INSPECTION WAS TERMINATED PRIOR TO COMPLETION FOR ANY REASON, PLEASE EXPLAIN:



**FACILITY PERMIT TO OPERATE
TESORO LOGISTICS, COLTON TERMINAL**

SECTION J: AIR TOXICS

[40CFR 63 Subpart R, #2 (Minor Sources) 12-19-2003]

**GASOLINE DISTRIBUTION FACILITIES (BULK GASOLINE TERMINALS AND
PIPELINE BREAKOUT STATIONS), MINOR SOURCES**

1. The operator shall comply with the applicable recordkeeping, reporting and other requirements required to demonstrate that this facility is not subject to Subpart R, as required by 40 CFR, Subpart A, Section 63.10(b)(3), and Section 63.420 of Subpart R.
2. The operator shall submit all required reports, notifications, plans, submittals and other communications required by Subpart R or Subpart A to the AQMD and, unless notified to the contrary by AQMD or US EPA, to US EPA Region IX (see addresses in Sections E and K of this permit.)



FACILITY PERMIT TO OPERATE TESORO LOGISTICS, COLTON TERMINAL

SECTION J: AIR TOXICS [40CFR 63SubpartBBBBBB 01-24-2011]

National Emission Standards for Hazardous Air Pollutants: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities

The owner/operator of a bulk gasoline terminal, pipeline breakout station, pipeline pumping station, and bulk gasoline plant, shall comply with all applicable requirements of 40CFR 63 Subpart BBBBBB, including but not limited to the following:

1. Gasoline storage tanks and gasoline loading racks shall comply with the applicable testing and monitoring requirements specified in 63.11092, submit applicable notifications as required under 63.11093, and shall keep records and submit reports as specified in 63.11094 and 63.11095.
2. The owner/operator shall, for all equipment in gasoline service as defined in 63.11100, perform monthly leak inspections as specified in 63.11086.



FACILITY PERMIT TO OPERATE TESORO LOGISTICS, COLTON TERMINAL

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, COLTON TERMINAL

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, COLTON TERMINAL

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, COLTON TERMINAL

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, COLTON TERMINAL

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.



FACILITY PERMIT TO OPERATE TESORO LOGISTICS, COLTON TERMINAL

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, COLTON TERMINAL

SECTION K: TITLE V Administration

- (B) Other deviations from permit or applicable rule emission limitations, equipment operating conditions, or work practice standards, determined by observation or by any monitoring or testing required by the permit or applicable rules that result in emissions greater than those allowed by the permit or applicable rules shall be reported within 72 hours (unless a shorter reporting period is specified in an applicable State or Federal Regulation) of discovery of the deviation by contacting AQMD enforcement personnel assigned to this facility or otherwise calling (800) CUT-SMOG.
- (C) A written report of such deviations reported pursuant to (B), and any corrective actions or preventative measures taken, shall be submitted to AQMD, in an AQMD approved format, within 14 days of discovery of the deviation.
- (D) All other deviations shall be reported with the monitoring report required by condition no. 23. [3004(a)(5)]
23. Unless more frequent reporting of monitoring results are specified in other permit conditions or in regulatory requirements, the operator shall submit reports of any required monitoring to the AQMD at least twice per year. The report shall include a) a statement whether all monitoring required by the permit was conducted; and b) identification of all instances of deviations from permit or regulatory requirements. A report for the first six calendar months of the year is due by August 31 and a report for the last six calendar months of the year is due by February 28. [3004(a)(4)(F)]
24. The operator shall submit to the Executive Officer and to the Environmental Protection Agency (EPA), an annual compliance certification. For RECLAIM facilities, the certification is due when the Annual Permit Emissions Program (APEP) report is due and shall cover the same reporting period. For other facilities, the certification is due on March 1 for the previous calendar year. The certification need not include the period preceding the date the initial Title V permit was issued. Each compliance certification shall include:
- (A) Identification of each permit term or condition that is the basis of the certification;



FACILITY PERMIT TO OPERATE TESORO LOGISTICS, COLTON TERMINAL

SECTION K: TITLE V Administration

- (B) The compliance status during the reporting period;
- (C) Whether compliance was continuous or intermittent;
- (D) The method(s) used to determine compliance over the reporting period and currently, and
- (E) Any other facts specifically required by the Executive Officer to determine compliance.

The EPA copy of the certification shall be sent to: Director of the Air Division Attn:
Air-3 USEPA, Region IX 75 Hawthorne St. San Francisco, CA 94105 [3004(a)(10)(E)]

25. All records, reports, and documents required to be submitted by a Title V operator to AQMD or EPA shall contain a certification of accuracy consistent with Rule 3003(c)(7) by a responsible official (as defined in Rule 3000). [3004(a)(12)]

PERIODIC MONITORING

26. All periodic monitoring required by this permit pursuant to Rule 3004(a)(4)(c) is based on the requirements and justifications in the AQMD document "Periodic Monitoring Guidelines for Title V Facilities" or in case-by-case determinations documented in the TitleV application file. [3004(a)(4)]



FACILITY PERMIT TO OPERATE TESORO LOGISTICS, COLTON TERMINAL

SECTION K: TITLE V Administration

FACILITY RULES

This facility is subject to the following rules and regulations

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

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 1149	5-2-2008	Federally enforceable
RULE 1171	11-7-2003	Federally enforceable
RULE 1171	2-1-2008	Federally enforceable
RULE 1171	5-1-2009	Non federally enforceable
RULE 118	12-7-1995	Non federally enforceable
RULE 1303(a)(1)-BACT	12-6-2002	Non federally enforceable
RULE 1303(a)(1)-BACT	5-10-1996	Federally enforceable
RULE 1303(b)(2)-Offset	12-6-2002	Non federally enforceable
RULE 1303(b)(2)-Offset	5-10-1996	Federally enforceable
RULE 1304(a)-Modeling and Offset Exemption	6-14-1996	Federally enforceable
RULE 1313(g)	12-7-1995	Federally enforceable
RULE 1401	9-10-2010	Non federally enforceable
RULE 1402	3-4-2005	Non federally enforceable
RULE 1415	12-3-2010	Non federally enforceable
RULE 204	10-8-1993	Federally enforceable
RULE 209	1-5-1990	Federally enforceable
RULE 217	1-5-1990	Federally enforceable
RULE 219	5-3-2013	Non federally enforceable



FACILITY PERMIT TO OPERATE TESORO LOGISTICS, COLTON TERMINAL

SECTION K: TITLE V Administration

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	12-12-1997	Federally enforceable
RULE 3004(a)(4)-Periodic Monitoring	12-12-1997	Federally enforceable
RULE 3005	11-14-1997	Federally enforceable
RULE 3005	11-5-2010	Non federally enforceable
RULE 3007	10-8-1993	Federally enforceable
RULE 301	6-1-2012	Non federally enforceable
RULE 304	6-1-2012	Non federally enforceable
RULE 306	6-1-2012	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 408	5-7-1976	Federally enforceable
RULE 430	7-12-1996	Non federally enforceable
RULE 462	5-14-1999	Federally enforceable
RULE 463	11-4-2011	Federally enforceable
RULE 466	10-7-1983	Federally enforceable
RULE 466.1	3-16-1984	Non federally enforceable
RULE 466.1	5-2-1980	Federally enforceable
RULE 518.2	12-21-2001	Federally enforceable
RULE 701	6-13-1997	Federally enforceable
40CFR 60 Subpart Kb	10-15-2003	Federally enforceable
40CFR 60 Subpart XX	12-19-2003	Federally enforceable
40CFR 63 Subpart R, #2 (Minor Sources)	12-19-2003	Federally enforceable
40CFR 63SubpartBBBBBB	1-24-2011	Federally enforceable
40CFR 82 Subpart B	7-14-1992	Federally enforceable



**FACILITY PERMIT TO OPERATE
TESORO LOGISTICS, COLTON TERMINAL**

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

NONE



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





FACILITY PERMIT TO OPERATE TESORO LOGISTICS. COLTON TERMINAL

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

- (1) Except as provided in paragraphs (c)(2), (c)(3), (c)(4), and specified coatings averaged under (c)(6), no person shall supply, sell, offer for sale, manufacture, blend, or repackage any architectural coating for use in the District which, at the time of sale or manufacture, contains more than 250 grams of VOC per liter of coating (2.08 pounds per gallon), less water, less exempt compounds, and less any colorant added to tint bases, and no person shall apply or solicit the application of any architectural coating within the District that exceeds 250 grams of VOC per liter of coating as calculated in this paragraph.

- (2) Except as provided in paragraphs (c)(3), (c)(4), and designated coatings averaged under (c)(6), no person shall supply, sell, offer for sale, manufacture, blend, or repackage, for use within the District, any architectural coating listed in the Table of Standards which contains VOC (excluding any colorant added to tint bases) in excess of the corresponding VOC limit specified in the table, after the effective date specified, and no person shall apply or solicit the application of any architectural coating within the District that exceeds the VOC limit as specified in this paragraph. No person shall apply or solicit the application within the District of any industrial maintenance coatings, except anti-graffiti coatings, for residential use or for use in areas such as office space and meeting rooms of industrial, commercial or institutional facilities not exposed to such extreme environmental conditions described in the definition of industrial maintenance coatings; or of any rust-preventative coating for industrial use, unless such a rust preventative coating complies with the Industrial Maintenance Coating VOC limit specified in the Table of Standards.



FACILITY PERMIT TO OPERATE TESORO LOGISTICS. COLTON TERMINAL

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 07-13-2007] TABLE OF STANDARDS VOC LIMITS

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

COATING CATEGORY	Ceiling Limit*	Current Limit	Effective Date					
			1/1/03	1/1/04	1/1/05	7/1/06	7/1/07	7/1/08
Bond Breakers	350							
Clear Wood Finishes	350					275		
Varnish	350					275		
Sanding Sealers	350					275		
Lacquer	680	550			275			
Clear Brushing Lacquer	680				275			
Concrete-Curing Compounds	350						100	
Concrete-Curing Compounds For Roadways and Bridges**	350							
Dry-Fog Coatings	400						150	
Fire-Proofing Exterior Coatings	450	350						
Fire-Retardant Coatings***								
Clear	650							
Pigmented	350							
Flats	250	100						50
Floor Coatings	420		100			50		
Graphic Arts (Sign) Coatings	500							
Industrial Maintenance (IM) Coatings	420			250		100		
High Temperature IM Coatings			420					
Zinc-Rich IM Primers	420		340			100		
Japans/Faux Finishing Coatings	700	350						
Magnesite Cement Coatings	600	450						
Mastic Coatings	300							
Metallic Pigmented Coatings	500							
Multi-Color Coatings	420	250						
Nonflat Coatings	250		150			50		



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

COATING CATEGORY	Ceiling Limit*	Current Limit	Effective Date					
			1/1/03	1/1/04	1/1/05	7/1/06	7/1/07	7/1/08
Nonflat High Gloss	250		150				50	
Pigmented Lacquer	680	550			275			
Pre-Treatment Wash Primers	780		420					
Primers, Sealers, and Undercoaters	350		200			100		
Quick-Dry Enamels	400		250			150	50	
Quick-Dry Primers, Sealers, and Undercoaters	350		200			100		
Recycled Coatings			250					
Roof Coatings	300		250		50			
Roof Coatings, Aluminum	500				100			
Roof Primers, Bituminous	350		350					
Rust Preventative Coatings	420		400			100		
Shellac								
Clear	730							
Pigmented	550							
Specialty Primers	350					250	100	
Stains	350		250				100	
Stains, Interior	250							
Swimming Pool Coatings								
Repair	650		340					
Other	340							
Traffic Coatings	250	150					100	
Waterproofing Sealers	400		250			100		
Waterproofing Concrete/Masonry Sealers	400					100		
Wood Preservatives								
Below-Ground	350							
Other	350							

* The specified limits remain in effect unless revised limits are listed in subsequent columns in the Table of Standards.

** Does not include compounds used for curbs and gutters, sidewalks, islands, driveways and other miscellaneous concrete areas.

*** The Fire-Retardant Coating category will be eliminated on January 1, 2007 and subsumed by the coating category for which they are formulated.



**FACILITY PERMIT TO OPERATE
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**APPENDIX B: RULE EMISSION LIMITS
[RULE 1113 07-13-2007]**

**TABLE OF STANDARDS (cont.)
VOC LIMITS**

Grams of VOC Per Liter of Material

COATING	Limit
Low-Solids Coating	120



FACILITY PERMIT TO OPERATE TESORO LOGISTICS, COLTON TERMINAL

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

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



FACILITY PERMIT TO OPERATE TESORO LOGISTICS, COLTON TERMINAL

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

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

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



FACILITY PERMIT TO OPERATE TESORO LOGISTICS, COLTON TERMINAL

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

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



**FACILITY PERMIT TO OPERATE
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**APPENDIX B: RULE EMISSION LIMITS
[RULE 1113 09-06-2013]**

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

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

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

Grams of VOC Per Liter of Material

COATING	Limit
Low-Solids Coating	120

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

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

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

4. Effective January 1, 2014.



FACILITY PERMIT TO OPERATE TESORO LOGISTICS, COLTON TERMINAL

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 11-07-2003]

(1) Solvent Requirements

A person shall not use a solvent to perform solvent cleaning operations unless the solvent complies with the applicable requirements set forth below:

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS
	VOC g/l (lb/gal)
(A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application	
(i) General	25 (0.21)
(ii) Electrical Apparatus Components & Electronic Components	500 (4.2)
(iii) Medical Devices & Pharmaceuticals	800 (6.7)
(B) Repair and Maintenance Cleaning	
(i) General	25 (0.21)
(ii) Electrical Apparatus Components & Electronic Components	900 (7.5)



FACILITY PERMIT TO OPERATE TESORO LOGISTICS. COLTON TERMINAL

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 11-07-2003]

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS
	VOC g/l (lb/gal)
(iii) Medical Devices & Pharmaceuticals	
(A) Tools, Equipment, & Machinery	800 (6.7)
(B) General Work Surfaces	600 (5.0)
(C) Cleaning of Coatings or Adhesives Application Equipment	550 (4.6)
(D) Cleaning of Ink Application Equipment	
(i) General	25 (0.21)
(ii) Flexographic Printing	25 (0.21)
(iii) Gravure Printing	
(A) Publication	750 (6.3)
(B) Packaging	25 (0.21)
(iv) Lithographic or Letter Press Printing	



**FACILITY PERMIT TO OPERATE
TESORO LOGISTICS, COLTON TERMINAL**

**APPENDIX B: RULE EMISSION LIMITS
[RULE 1171 11-07-2003]**

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS
	VOC g/l (lb/gal)
(A) Roller Wash – Step 1	600 (5.0)
(B) Roller Wash-Step 2, Blanket Wash, & On-Press Components	800 (6.7)
(C) Removable Press Components	25 (0.21)
(v) Screen Printing	750 (6.3)
(vi) Ultraviolet Ink/ Electron Beam Ink Application Equipment (except screen printing)	800 (6.7)
(vii) Specialty Flexographic Printing	600 (5.0)
(E) Cleaning of Polyester Resin Application Equipment	25 (0.21)



**FACILITY PERMIT TO OPERATE
TESORO LOGISTICS, COLTON TERMINAL**

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

(1) Solvent Requirements

A person shall not use a solvent to perform solvent cleaning operations unless the solvent complies with the applicable requirements set forth below:

	CURRENT LIMITS*	EFFECTIVE 1/1/2010
SOLVENT CLEANING ACTIVITY	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application		
(i) General	25 (0.21)	
(ii) Electrical Apparatus Components & Electronic Components	100 (0.83)	
(iii) Medical Devices & Pharmaceuticals	800 (6.7)	
(B) Repair and Maintenance Cleaning		
(i) General	25 (0.21)	
(ii) Electrical Apparatus Components & Electronic Components	100 (0.83)	



**FACILITY PERMIT TO OPERATE
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**APPENDIX B: RULE EMISSION LIMITS
[RULE 1171 05-01-2009]**

	CURRENT LIMITS*	EFFECTIVE 1/1/2010
SOLVENT CLEANING ACTIVITY (cont.)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(iii) Medical Devices & Pharmaceuticals		
(A) Tools, Equipment, & Machinery	800 (6.7)	
(B) General Work Surfaces	600 (5.0)	
(C) Cleaning of Coatings or Adhesives Application Equipment	25 (0.21)	
(D) Cleaning of Ink Application Equipment		
(i) General	25 (0.21)	
(ii) Flexographic Printing	25 (0.21)	
(iii) Gravure Printing		
(A) Publication	100 (0.83)	
(B) Packaging	25 (0.21)	
(iv) Lithographic (Offset) or Letter Press Printing		
(A) Roller Wash, Blanket Wash, & On-Press Components	100 (0.83)	



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

	CURRENT LIMITS*	EFFECTIVE 1/1/2010
SOLVENT CLEANING ACTIVITY (cont.)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(B) Removable Press Components	25 (0.21)	
(v) Screen Printing	100 (0.83)	
(vi) Ultraviolet Ink/ Electron Beam Ink Application Equipment (except screen printing)	650 (5.4)	100 (0.83)
(vii) Specialty Flexographic Printing	100 (0.83)	
(E) Cleaning of Polyester Resin Application Equipment	25 (0.21)	

* The specified limits remain in effect unless revised limits are listed in subsequent columns.