



South Coast Air Quality Management District

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January 31, 2014

Ms. Ruthanne Walker
Environmental Coordinator
Tesoro Logistics, Vinvale Terminal
8601 S. Garfield Avenue
South Gate, CA 90280-3709

Subject: Title V Facility Permit Revision – Tesoro Logistics, Vinvale Terminal
Reference: SCAQMD Facility ID: 174710
Title V Deminimis Significant Permit Revision A/N 557128

Dear Ms. Walker:

Attached is a Permit Revision to your Title V Facility Permit. This revision includes the following sections:

- Title Page and Table of Contents – Revision #7, January 31, 2014
- Section D – Revision #6, January 31, 2014
- Section H – Revision #5, January 31, 2014

This permit revision reflects the following changes:

SECTION D - PERMIT TO OPERATE

Appl. No.	Action	Description	Permit No.
552762	Removed	Superseded by A/N 556617 (Bulk Loading Rack #1)	G27785
552763	Removed	Superseded by A/N 556618 (Bulk Loading Rack #2)	G27786
552764	Removed	Superseded by A/N 556619 (Bulk Loading Rack #3)	G27787
552765	Removed	Superseded by A/N 556620 (Bulk Loading Rack #4)	G27788
552766	Removed	Superseded by A/N 556621 (Bulk Loading Rack #5)	G27789
552767	Removed	Superseded by A/N 556622 (Bulk Loading Rack #6)	G27790
552768	Removed	Superseded by A/N 556623 (Bulk Loading Rack #7)	G27791
553197	Removed	Superseded by A/N 556624 (Bulk Loading Rack #8)	G27792
556617	PC-PO	<ul style="list-style-type: none"> • Issue PO for Bulk Loading Rack #1 <ul style="list-style-type: none"> ➤ Add breakaway couplers to each loading arm ➤ Replace two gasoline additive pumps ➤ Add two gasoline additive pumps 	G29582
556618	PC-PO	<ul style="list-style-type: none"> • Issue PO for Bulk Loading Rack #2 <ul style="list-style-type: none"> ➤ Add breakaway couplers to each loading arm ➤ Replace two gasoline additive pumps ➤ Add two gasoline additive pumps 	G29583
556619	PC-PO	<ul style="list-style-type: none"> • Issue PO for Bulk Loading Rack #3 <ul style="list-style-type: none"> ➤ Add breakaway couplers to each loading arm ➤ Replace two gasoline additive pumps ➤ Add two gasoline additive pumps 	G29584

556620	PC-PO	<ul style="list-style-type: none"> • Issue PO for Bulk Loading Rack #4 ➤ Add breakaway couplers to each loading arm ➤ Replace two gasoline additive pumps ➤ Add two gasoline additive pumps 	G29585
556621	PC-PO	<ul style="list-style-type: none"> • Issue PO for Bulk Loading Rack #5 ➤ Add breakaway couplers to each loading arm ➤ Replace two gasoline additive pumps ➤ Add two gasoline additive pumps 	G29586
556622	PC-PO	<ul style="list-style-type: none"> • Issue PO for Bulk Loading Rack #6 ➤ Add breakaway couplers to each loading arm ➤ Replace two gasoline additive pumps ➤ Add two gasoline additive pumps 	G29588
556623	PC-PO	<ul style="list-style-type: none"> • Issue PO for Bulk Loading Rack #7 ➤ Add breakaway couplers to each loading arm 	G29587
556624	PC-PO	<ul style="list-style-type: none"> • Issue PO for Bulk Loading Rack #8 ➤ Add breakaway couplers to each loading arm 	G29589

The proposed deminimis significant permit revision was submitted to EPA Region IX for review on December 12, 2013. EPA Region IX completed their review on January 26, 2014, with no comments.

Additional administrative changes to Sections D & H included in this permit revision are:

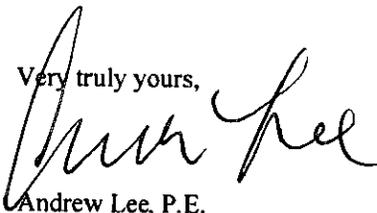
SECTION D - PERMIT TO OPERATE

Appl. No.	Action	Description	Permit No.
553204	PC to PO	• Issue PO for a new ICE – Emergency Firepump	G28842

SECTION H - PERMIT TO CONSTRUCT

Appl. No.	Action	Description
553204	PC to PO	Moved from Section H to D (ICE – Emergency Firepump).

Please review the attached sections carefully. Insert the enclosed sections into your Title V Facility Permit and discard the earlier versions. The operation of your facility is bound by the conditions and/or requirements stated in the facility Permit to Operate. If you determine that there are administrative errors in your Facility Permit, please notify Mr. Jonathan Uhl at (909) 396-2725, or juhl@aqmd.gov, within 30 days of the receipt of your permit.

Very truly yours,


Andrew Lee, P.E.
 Sr. AQ Engineering Manager
 Energy/Public Facilities/
 Waste Management/Terminals Permitting

AL:CT:KM:ju

Enclosure: Revised Title V Facility Permit, Sections D & H

cc w/enclosure: Geraldo Rios, EPA Region IX (via email to R9AirPermits_SC@epa.gov)

Compliance

Title V Central File



FACILITY PERMIT TO OPERATE

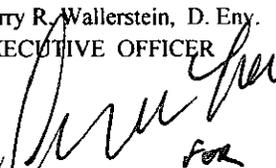
**TESORO LOGISTICS, VINVALE TERMINAL
8601 S GARFIELD AVE
SOUTH GATE, CA 90280**

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. Eny.
EXECUTIVE OFFICER

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



FACILITY PERMIT TO OPERATE TESORO LOGISTICS, VINVALE TERMINAL

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E	Administrative Conditions	1	11/21/2013
F	RECLAIM Monitoring and Source Testing Requirements	1	11/21/2013
G	Recordkeeping and Reporting Requirements for RECLAIM Sources	1	11/21/2013
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I	Compliance Plans & Schedules	1	11/21/2013
J	Air Toxics	1	11/21/2013
K	Title V Administration	1	11/21/2013
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A	NOx and SOx Emitting Equipment Exempt From Written Permit Pursuant to Rule 219	1	11/21/2013
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**FACILITY PERMIT TO OPERATE
TESORO LOGISTICS, VINVALE 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, VINVALE TERMINAL

PERMITTED EQUIPMENT LIST

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

Application Number	Permit to Operate No.	Equipment Description	Page Number
552686	G27772	ICE (50-500 HP) EMERGENCY ELECT. GENERATOR (375BHP)	4
552687	G27773	ICE (50-500 HP) EMERGENCY ELECT. GENERATOR (155BHP)	5
552688	G27774	STORAGE TANK(#951) MISC ORGANIC MATERIALS	6
552689	G27775	BULK UNLOAD TANK TRUCK (1 RACK) GASOLINE	7
552690	G27776	STORAGE TANK(#940) DOMED EXT FL ROOF HYDROCARB	8
552754	G27777	BULK UNLOADING RACK ETHANOL	9
552755	G27778	STORAGE TANK(#941) DOMED EXT FL ROOF HYDROCARB	11
552756	G27779	STORAGE TANK(#930) DOMED EXT FL ROOF HYDROCARB	13
552757	G27780	STORAGE TANK(#934) DOMED EXT FL ROOF HYDROCARB	14
552758	G27781	STORAGE TANK(#933) DOMED EXT FL ROOF HYDROCARB	15
552759	G27782	STORAGE TANK(#931) DOMED EXT FL ROOF HYDROCARB	16
552760	G27783	STORAGE TANK(#950) MISC ORGANIC MATERIALS	18
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553204	G28842	ICE (50-500 HP) EMERGENCY FIRE PUMP (205 BHP)	34
556617	G29582	BULK LOADING RACK(#1) GASOLINE	36
556618	G29583	BULK LOADING RACK(#2) GASOLINE	39
556619	G29584	BULK LOADING RACK(#3) GASOLINE	42
556620	G29585	BULK LOADING RACK(#4) GASOLINE	45
556621	G29586	BULK LOADING RACK(#5) GASOLINE	48
556622	G29588	BULK LOADING RACK(#6) GASOLINE & DIESEL	51
556623	G29587	BULK LOADING RACK(#7) DIESEL	54
556624	G29589	BULK LOADING RACK(#8) DIESEL	56

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, VINVALE 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 RINGLEMANN 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) THE FACILITY SHALL NOT USE DIESEL FUEL CONTAINING SULFUR COMPOUNDS IN EXCESS OF 15 PPM BY WEIGHT AS SUPPLIED BY THE SUPPLIER.
[RULE 431.2]

- 3) THE OPERATOR SHALL LIMIT THE TOTAL COMBINED THROUGHPUT OF ALL MATERIALS FROM TANKS 930, 931, 932, 933, 934, 940, 941, 942, 943, 950 AND 951 TO NO MORE THAN 181,145,741 GALLONS IN ANY ONE CALENDAR MONTH. A FLOW MEASURING DEVICE, THAT MEASURES THE TOTAL THROUGHPUT FOR LOADING RACK NUMBERS 1, 2, 3, 4, 5, 6, 7, AND 8, SHALL RECORD THE TOTAL COMBINED LOADING THROUGHPUT OF ALL MATERIALS TO SHOW COMPLIANCE WITH THIS CONDITION. THROUGHPUT RECORDS SHALL BE KEPT AND MAINTAINED FOR AT LEAST FIVE YEARS IN A METHOD APPROVED BY THE SCAQMD.
[RULE 1303(b)(2) – OFFSETS, RULE 1313(g) – EMISSION LIMITATION]



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

PERMIT TO OPERATE

**Permit No. G27772
A/N 552686**

Equipment Description:

EMERGENCY ELECTRICAL GENERATOR, DRIVEN BY A CUMMINS DIESEL INTERNAL COMBUSTION ENGINE, MODEL NO. NT855-G4, 6 CYLINDERS, TURBOCHARGED WITH AFTERCOOLER, 375 BHP.

Conditions:

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
- 3) THIS INTERNAL COMBUSTION ENGINE SHALL NOT OPERATE MORE THAN 199 HOURS IN ANY ONE YEAR, WHICH INCLUDE NO MORE THAN 20 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING.
[RULE 1304(a)(4)-MODELING AND OFFSET EXEMPTION, RULE 1470]
- 4) A TIMER SHALL BE INSTALLED SO AS TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304(a)(4)-MODELING AND OFFSET EXEMPTION, RULE 1470]
- 5) A WRITTEN LOG RECORDING THE DATE OF OPERATION, ELAPSED TIME IN HOURS, AND REASON FOR OPERATION SHALL BE KEPT ON FILE FOR THE MOST RECENT FIVE YEAR PERIOD AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1304(a)(4)-MODELING AND OFFSET EXEMPTION, RULE 1470]

Periodic Monitoring: NONE

Emissions and Requirements:

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

PM: RULE 404 (SEE APPENDIX B FOR EMISSION LIMITS)
PM: RULE 1470



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

PERMIT TO OPERATE

**Permit No. G27773
A/N 552687**

Equipment Description:

EMERGENCY ELECTRICAL GENERATOR DRIVEN BY A KOMATSU DIESEL INTERNAL COMBUSTION ENGINE, MODEL NO. S6D105-I, 6 CYLINDERS, TURBOCHARGED, 155 BHP.

Conditions:

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
- 3) THIS INTERNAL COMBUSTION ENGINE SHALL NOT OPERATE MORE THAN 199 HOURS IN ANY ONE YEAR, WHICH INCLUDE NO MORE THAN 20 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING.
[RULE 1304(a)(4)-MODELING AND OFFSET EXEMPTION, RULE 1470]
- 4) A TIMER SHALL BE INSTALLED SO AS TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304(a)(4)-MODELING AND OFFSET EXEMPTION, RULE 1470]
- 5) A WRITTEN LOG RECORDING THE DATE OF OPERATION, ELAPSED TIME IN HOURS, AND REASON FOR OPERATION SHALL BE KEPT ON FILE FOR THE MOST RECENT FIVE YEAR PERIOD AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1304(a)(4)-MODELING AND OFFSET EXEMPTION, RULE 1470]

Periodic Monitoring:: NONE

Emissions and Requirements:

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

PM: RULE 404 (SEE APPENDIX B FOR EMISSION LIMITS)
PM: RULE 1470



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

PERMIT TO OPERATE

**Permit No. G27774
A/N 552688**

Equipment Description:

STORAGE TANK NO. 951, FIXED ROOF, ABOVEGROUND, 11' - 0" DIA. X 17' - 6" H., 12,000 GALLONS CAPACITY.

Conditions:

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
- 3) THIS TANK SHALL NOT BE USED FOR STORING ORGANIC LIQUID HAVING A VAPOR PRESSURE OF 1.5 PSIA OR GREATER UNDER ACTUAL STORAGE CONDITIONS.
[RULE 463, RULE 1303(b)(2) OFFSETS]
- 4) THROUGHPUT OF PRODUCTS STORED IN THIS TANK SHALL NOT EXCEED 30 TURNOVERS PER YEAR.
[RULE 1303(b)(2) OFFSETS]
- 5) THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, OF THROUGHPUT AND VAPOR PRESSURE OF STORED LIQUIDS.
[RULE 463]

Periodic Monitoring: NONE

Emissions and Requirements: NONE



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

PERMIT TO OPERATE

**Permit No. G27775
A/N 552689**

Equipment Description:

TANK TRUCK UNLOADING RACK CONSISTING OF:

1. UNLOADING ARM, WITH HOSE CONNECTION AND A 4" CAM LOCK PUMP BACK CONNECTION AND A 3" CAM LOCK VAPOR RECOVERY SYSTEM CONNECTION.
2. UNLOADING PUMP, 125 GPM, WITH TANDEM MECHANICAL SEALS AND A 25 HP MOTOR, VENTED TO A VAPOR RECOVERY SYSTEM.
3. STRAINER WITH AIR ELIMINATOR VENTED TO VAPOR RECOVERY SYSTEM.

Conditions:

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
- 3) THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS THE VAPOR RETURN LINE AND THE TRANSFER PUMP SEALS ARE VENTED TO AN AIR POLLUTION CONTROL DEVICE WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A PERMIT TO OPERATE BY THE EXECUTIVE OFFICER. FOR THE PURPOSE OF THIS CONDITION, "FULL USE" SHALL MEAN THAT AT LEAST ONE OF THE VAPOR HOLDING TANKS IN THE "VAPOR COLLECTION SYSTEM" IS IN FULL OPERATION.
[RULE 1303(a)(1) - BACT]

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC: RULE 1173 (PER SETTLEMENT AGREEMENT 3/15/1991)



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

PERMIT TO OPERATE

**Permit No. G27776
A/N 552690**

Equipment Description:

STORAGE TANK NO. 940, DOMED EXTERNAL FLOATING ROOF, 144'-0" DIA. X 46'-0" H., 134,000 BBL CAPACITY, RIVETED SHELL.

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]
- 4) THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, OF THROUGHPUT AND VAPOR PRESSURE OF STORED LIQUIDS.
[RULE 463]
- 5) THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL ROOF SHALL NOT EXCEED 30% OF THE LOWER EXPLOSIVE LIMIT.
[RULE 463, RULE 1178]

Periodic Monitoring: NONE

Emissions and Requirements:

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

HAP/TOC: 40CFR63 SUBPART R
VOC: RULE 463
VOC: RULE 1149
VOC: RULE 1173 (PER SETTLEMENT AGREEMENT 3/15/1991)
VOC: RULE 1178



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

PERMIT TO OPERATE

**Permit No. G27777
A/N 552754**

Equipment Description:

BULK ETHANOL UNLOADING RACK CONSISTING OF TWO UNLOADING STATIONS, EACH WITH A FOUR INCH DIAMETER DRY BREAK COUPLER, AND TWO 25 HP ETHANOL TRANSFER PUMPS WITH DRY RUNNING TANDEM MECHANICAL SEALS.

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) OPERATION, INSPECTION, AND MAINTENANCE OF RACK COMPONENTS SHALL BE CONDUCTED ACCORDING TO THE REQUIREMENTS LISTED BELOW:
 - A. ALL NEW FUGITIVE COMPONENTS IN VOC SERVICE EXCEPT VALVES AND FLANGES SHALL BE INSPECTED QUARTERLY USING EPA REFERENCE METHOD 21. ALL NEW VALVES AND FLANGES IN VOC SERVICE SHALL BE INSPECTED MONTHLY USING EPA METHOD 21.
 - B. FOR ALL NEW FUGITIVE COMPONENTS IN VOC SERVICE, ANY LEAK GREATER THAN 500 PPM ABOVE BACKGROUND, MEASURED AS METHANE 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.
 - C. IF 98 PERCENT OR MORE OF THE NEW VALVES (NON-BELLOWS-SEALED) AND FLANGES ARE FOUND TO BE LEAK FREE (LESS THAN 500 PPM FOR TWO CONSECUTIVE MONTHS), THE OPERATOR MAY ELECT TO IMPLEMENT A QUARTERLY INSPECTION PROGRAM WITH THE APPROVAL OF THE DISTRICT.
 - D. THE OPERATOR SHALL KEEP RECORDS OF THE REQUIRED LEAK, SUBSEQUENT REPAIR, AND REINSPECTION, IN A MANNER APPROVED BY THE DISTRICT.
[RULE 1303(a)(1) - BACT]

Periodic Monitoring: NONE



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

Emissions and Requirements:

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

VOC RULE 1173 (PER SETTLEMENT AGREEMENT 3/15/1991)



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

PERMIT TO OPERATE

**Permit No. G27778
A/N 552755**

Equipment Description:

STORAGE TANK NO. 941, DOMED EXTERNAL FLOATING ROOF, DOUBLE DECK TYPE, 144'-0" DIA. X 48'-0" H., 138,095 BBL. CAPACITY, RIVETED SHELL, WITH A SHOE TYPE PRIMARY SEAL AND A WIPER TYPE SECONDARY SEAL.

Conditions:

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
- 3) FOR RULE 463 APPLICABILITY, ONLY SUBDIVISION (D) IN THE MARCH 11, 1994 AMENDMENT, OR EQUIVALENT REQUIREMENTS IN THE FUTURE AMENDMENTS, SHALL APPLY TO DOMED EXTERNAL FLOATING ROOF TANKS. THIS DOES NOT PRECLUDE ANY REQUIREMENTS SPECIFIED IN RULE 1178.
[RULE 463]
- 4) THIS TANK SHALL NOT BE USED FOR STORING PURE ORGANIC COMPOUNDS.
[RULE 204]
- 5) THE OPERATOR SHALL USE AN EXPLOSIMETER OR EQUIVALENT DEVICE TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE FLOATING ROOF TWICE A YEAR AT 4 TO 8 MONTHS INTERVALS. THE HYDROCARBON CONCENTRATION BEING MONITORED SHALL NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT.
[RULE 463, RULE 1178]
- 6) THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, OF THROUGHPUT AND VAPOR PRESSURE OF STORED LIQUIDS.
[RULE 463]



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

- 7) THE OPERATOR SHALL KEEP RECORDS. IN A MANNER APPROVED BY THE DISTRICT FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
- A. MEASUREMENTS OF HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE FLOATING ROOF OF THE TANK AS DESCRIBED IN CONDITION NO. 6.
 - B. OTHER RECORDS REQUIRED TO DEMONSTRATE COMPLIANCE WITH THE APPLICABLE SECTIONS OF DISTRICT RULES 463, AND 1178.

RECORDS SHALL BE MAINTAINED AND KEPT ON FILE AN SHALL BE MADE AVAILABLE TO AQMD PERSONNEL UPON REQUEST.
[RULE 463, RULE 1178]

Periodic Monitoring: NONE

Emissions and Requirements:

- 8) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- HAP/TOC: 40CFR63 SUBPART R
 - VOC: RULE 463
 - VOC: RULE 1149
 - VOC: RULE 1173 (PER SETTLEMENT AGREEMENT 3/15/1991)
 - VOC: RULE 1178



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

PERMIT TO OPERATE

**Permit No. G27779
A/N 552756**

Equipment Description:

STORAGE TANK NO. 930, DOMED EXTERNAL FLOATING ROOF, PONTOON TYPE, 117'-9" DIA. X 42' 0" H., 3,425,000 GALLONS CAPACITY, RIVETED SHELL, WITH A SHOE TYPE PRIMARY SEAL & A SECONDARY SEAL.

Conditions:

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
- 3) THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION BEING MONITORED DOES NOT EXCEED 30% OF THE LOWER EXPLOSIVE LIMIT. THE OPERATOR SHALL USE AN EXPLOSIMETER OR EQUIVALENT DEVICE TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE FLOATING ROOF TWICE A YEAR AT 4 TO 8 MONTH INTERVALS.
[RULE 463, RULE 1178]
- 4) THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, OF THROUGHPUT AND VAPOR PRESSURE OF STORED LIQUIDS, HYDROCARBON CONCENTRATION MEASUREMENTS OF THE VAPOR SPACE ABOVE THE FLOATING ROOF OF THE TANK, AND OTHER RECORDS THAT MAY BE REQUIRED TO COMPLY WITH THE APPLICABLE REQUIREMENTS OF DISTRICT RULES 463 AND 1178.
[RULE 463, RULE 1178]

Periodic Monitoring: NONE

Emissions and Requirements:

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

HAP/TOC: 40CFR63 SUBPART R
VOC RULE 463
VOC RULE 1149
VOC RULE 1173 (PER SETTLEMENT AGREEMENT 3/15/1991)
VOC RULE 1178



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

PERMIT TO OPERATE

**Permit No. G27780
A/N 552757**

Equipment Description:

STORAGE TANK NO. 934, DOMED EXTERNAL FLOATING ROOF, 144'- 0" DIA. X 48' 0" H., 5,850,000 GALLONS CAPACITY, RIVETED SHELL, PONTOON FLOATING ROOF, WITH A MECHANICAL SHOE TYPE PRIMARY SEAL & A WIPER TYPE SECONDARY SEAL.

Conditions:

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
- 3) THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION BEING MONITORED DOES NOT EXCEED 30% OF THE LOWER EXPLOSIVE LIMIT. THE OPERATOR SHALL USE AN EXPLOSIMETER OR EQUIVALENT DEVICE TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE FLOATING ROOF TWICE A YEAR AT 4 TO 8 MONTH INTERVALS.
[RULE 463, RULE 1178]
- 4) THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, OF THROUGHPUT AND VAPOR PRESSURE OF STORED LIQUIDS, HYDROCARBON CONCENTRATION MEASUREMENTS OF THE VAPOR SPACE ABOVE THE FLOATING ROOF OF THE TANK, AND OTHER RECORDS THAT MAY BE REQUIRED TO COMPLY WITH THE APPLICABLE REQUIREMENTS OF DISTRICT RULES 463 AND 1178.
[RULE 463, RULE 1178]

Periodic Monitoring: NONE

Emissions and Requirements:

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

HAP/TOC:	40CFR63 SUBPART R
VOC	RULE 463
VOC	RULE 1149
VOC	RULE 1173 (PER SETTLEMENT AGREEMENT 3/15/1991)
VOC	RULE 1178



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

PERMIT TO OPERATE

**Permit No. G27781
A/N 552758**

Equipment Description:

STORAGE TANK NO. 933, DOMED EXTERNAL FLOATING ROOF, 144' -0" DIA. X 46' -0" H, 132,000 BARRELS CAPACITY, RIVETED SHELL, DOUBLE DECK FLOATING ROOF, WITH A MECHANICAL SHOE TYPE PRIMARY SEAL AND A 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) THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION BEING MONITORED DOES NOT EXCEED 30% OF THE LOWER EXPLOSIVE LIMIT. THE OPERATOR SHALL USE AN EXPLOSIMETER OR EQUIVALENT DEVICE TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE FLOATING ROOF TWICE A YEAR AT 4 TO 8 MONTH INTERVALS.
[RULE 463, RULE 1178]
- 4) THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, OF THROUGHPUT AND VAPOR PRESSURE OF STORED LIQUIDS, HYDROCARBON CONCENTRATION MEASUREMENTS OF THE VAPOR SPACE ABOVE THE FLOATING ROOF OF THE TANK, AND OTHER RECORDS THAT MAY BE REQUIRED TO COMPLY WITH THE APPLICABLE REQUIREMENTS OF DISTRICT RULES 463 AND 1178.
[RULE 463, RULE 1178]

Periodic Monitoring: NONE

Emissions and Requirements:

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

HAP/TOC:	40CFR63 SUBPART R
VOC	RULE 463
VOC	RULE 1149
VOC	RULE 1173 (PER SETTLEMENT AGREEMENT 3/15/1991)
VOC	RULE 1178



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

PERMIT TO OPERATE

**Permit No. G27782
A/N 552759**

Equipment Description:

STORAGE TANK NO. 931, DOMED EXTERNAL FLOATING ROOF, PONTOON TYPE, 117' 9-3/5" DIA. X 42' 0" H., 3,425,000 GALLONS CAPACITY, RIVETED SHELL, WITH A MECHANICAL SHOE PRIMARY SEAL AND A RIM-MOUNTED 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 LIQUIDS HAVING A REID VAPOR PRESSURE EXCEEDING RVP 13.5.
[RULE 1303(b)(2) – OFFSETS]
- 4) THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION BEING MONITORED DOES NOT EXCEED 30 PERCENT OF ITS LOWER EXPLOSIVE LIMIT. THE OPERATOR SHALL USE AN EXPLOSIMETER OR EQUIVALENT DEVICE TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE FLOATING ROOF TWICE A YEAR AT 4 TO 8 MONTHS INTERVALS.
[RULE 463, RULE 1178]
- 5) THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO SHOW COMPLIANCE WITH THE LIMITATIONS SPECIFIED IN THIS PERMIT. SUCH RECORDS SHALL BE MAINTAINED AND KEPT FOR AT LEAST FIVE YEARS, AND MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE.
[RULE 463, RULE 1149, RULE 1173, RULE 1178, RULE 1303(b)(2) – OFFSETS, 40CFR 63 SUBPART R]

Periodic Monitoring: NONE



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

Emissions and Requirements:

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

HAP/TOC: 40CFR 63 SUBPART R

VOC: RULE 463

VOC: RULE 1149

VOC: RULE 1173 (PER SETTLEMENT AGREEMENT 3/15/1991)

VOC: RULE 1178



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

PERMIT TO OPERATE

**Permit No. G27783
A/N 552760**

Equipment Description:

STORAGE TANK NO. 950, FIXED ROOF, ABOVEGROUND, 11'-0"DIA. X 35'-0"H, 24,000 GALLONS CAPACITY, FOR PROPRIETARY ADDITIVE.

Conditions:

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
- 3) THE OPERATOR SHALL NOT USE THIS EQUIPMENT WITH MATERIALS HAVING A TRUE VAPOR PRESSURE OF 0.1 PSIA OR GREATER UNDER ACTUAL OPERATING CONDITIONS. WHENEVER THERE IS A CHANGE IN MATERIAL STORED, THE OPERATOR SHALL EITHER DETERMINE THE TRUE VAPOR PRESSURE OF THE MATERIAL THROUGH TESTING, OR MAINTAIN ON FILE THE MATERIAL SAFETY DATA SHEET FOR THE NEW MATERIAL. THE TRUE VAPOR PRESSURE SHALL BE DETERMINED FROM THE REID VAPOR PRESSURE, MEASURED ACCORDING TO ASTM D-323, AND NOMOGRAPHS IN EPA AP-42, OR DISTRICT OR EPA APPROVED NOMOGRAPHS, OR EQUIVALENT TEST METHOD.
[RULE 1303(b)(2)-OFFSETS]
- 4) THE OPERATOR SHALL KEEP RECORDS OF THROUGHPUT AND VAPOR PRESSURE OF STORED LIQUIDS, IN A MANNER APPROVED BY THE DISTRICT.
[RULE 463]

Periodic Monitoring: NONE

Emissions and Requirements: NONE



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

PERMIT TO OPERATE

**Permit No. G27784
A/N 552761**

Equipment Description:

AIR POLLUTION CONTROL SYSTEM SERVING AN EIGHT RACK GASOLINE BULK LOADING FACILITY, STANDBY UNIT, CONSISTING OF:

1. FLARE, ENCLOSED TYPE, JOHN ZINK, MODEL ZCT-3, 10' DIA. X 45' H., NATURAL GAS FIRED, 100 MMBTU/HR, WITH A TWO STAGE BURNER, 1200 SCFM MAXIMUM FLOW RATE, AN AIR-ASSISTED 5 HP BLOWER, AND A DETONATION FLAME ARRESTOR.

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) A DAILY OPERATIONAL LOG FOR THE FACILITY SHALL BE MAINTAINED.
[RULE 462]
- 4) THE DISPLACED VAPORS FROM THE TRUCK LOADING OPERATION AT THIS FACILITY SHALL BE VENTED TO:
 - A. A FLARE AIR POLLUTION CONTROL SYSTEM, PERMITTED UNDER A/N 552761 OR SUBSEQUENT, AND/OR;
 - B. ADSORPTION/ABSORPTION VAPOR RECOVERY UNITS, PERMITTED UNDER A/N 553199 AND 553200 OR SUBSEQUENT.
[RULE 462, 40CFR 63 SUBPART R]
- 5) THE FLARE SHALL BE OPERATED WITH A MINIMUM TEMPERATURE OF 400 DEGREES FAHRENHEIT. THE FLARE TEMPERATURE SHALL BE CONTINUOUSLY MONITORED AND RECORDED.
[RULE 462, RULE 1303(a)(1) - BACT]
- 6) ALL PRESSURE RELIEF VALVES OF THIS AIR POLLUTION CONTROL SYSTEM SHALL HAVE A RELIEF PRESSURE ABOVE 18 INCHES OF WATER COLUMN. ALL PRESSURE RELIEF VALVES SHALL BE TAGGED AND ACCESSIBLE FOR INSPECTION.
[RULE 462, 40CFR 63 SUBPART R]



FACILITY PERMIT TO OPERATE TESORO LOGISTICS, VINVALE TERMINAL

- 7) THE OPERATOR SHALL KEEP RECORDS TO SHOW COMPLIANCE WITH THE LIMITATIONS SPECIFIED IN THIS PERMIT. ALL RECORDS SHALL BE MAINTAINED AND KEPT FOR AT LEAST FIVE YEARS, AND MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE UPON REQUEST.
[RULE 1303(a)(1) - BACT, RULE 1303(b)(2) - OFFSETS]

Periodic Monitoring: NONE

Emissions and Requirements:

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

HAP/TOC: 10 MG/LITER OF GASOLINE LOADED, 40CFR 63 SUBPART R
VOC: 0.08LB/1000 GALLONS OF LIQUID LOADED, RULE 462
VOC: RULE 1173 (PER SETTLEMENT AGREEMENT 3/15/1991)
CO: 2000 PPMV, RULE 407
PM: RULE 404 (SEE APPENDIX B FOR EMISSION LIMITS)
PM: 0.1 GR/SCF, RULE 409



FACILITY PERMIT TO OPERATE TESORO LOGISTICS, VINVALE TERMINAL

PERMIT TO OPERATE

Permit No. G27793
A/N 553198

Equipment Description:

WASTEWATER TREATMENT SYSTEM CONSISTING OF:

1. CLOSED TOP SUMP TANK NO. T-903, 15'-0.5"L X 8'-0"DIA., 4,000 GAL. CAPACITY, WITH ONE 25 HP SUBMERSIBLE LIFT PUMP.
2. LIFT STATION (VAULT), WITH ONE 25 HP SUBMERSIBLE LIFT PUMP.
3. OIL-WATER SEPARATION TANK NO. T-918, DOMED EXTERNAL FLOATING ROOF, DOUBLE DECK TYPE, 50'-0"DIA. X 30'-0"L., 10,000 BBLS CAPACITY, RIVETED SHELL, WITH A MECHANICAL SHOE PRIMARY SEAL, A RIM-MOUNTED WIPER-TYPE SECONDARY SEAL, AND FLOATING OIL SUCTION.
4. TWO OIL PUMPS, MP-918A - 10 HP, AND MP-918B - 7.5 HP.
5. OIL-WATER SEPARATOR, GREAT LAKES ENVIRONMENTAL, INC., MODEL CGD-CR-400, CLOSED TOP CYLINDRICAL GRAVITY DISPLACEMENT TYPE, 6' DIA. X 27.5' L., 400 GPM., WITH A 5 HP OIL PUMP, A 5 HP WATER PUMP, A 3-INCH BREATHER VALVE, AND VENTED TO VAPOR RECOVERY SYSTEM.
6. TWO CARBON ADSORBERS NOS. V-1 & V-2, LIQUID PHASE, SKID MOUNTED, EACH CONTAINING 10,000 LBS. OF ACTIVATED CARBON.
7. TREATED WATER TANK NO. T-952, 16,000 GAL. CAPACITY.

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 EQUIPMENT SHALL NOT BE OPERATED UNLESS THE OIL-WATER SEPARATOR IS COVERED AND VENTED TO AN AIR POLLUTION CONTROL SYSTEM WHICH IS IN FULL OPERATION AND HAS BEEN ISSUED A PERMIT TO OPERATE BY THE DISTRICT.
[RULE 464, RULE 1303(a)(1)-BACT]



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TESORO LOGISTICS, VINVALE TERMINAL**

- 4) THE BREATHER VALVE ON THE OIL-WATER SEPARATOR SHALL HAVE A RELIEF SET PRESSURE NOT LESS THAN + 5" WC.
[RULE 1303(a)(1)-BACT, RULE 1303(b)(2)-OFFSETS]
- 5) THE OPERATOR SHALL LIMIT THE THROUGHPUT FROM THIS WASTEWATER TREATMENT SYSTEM TO NO MORE THAN 2,100,000 GALLONS IN ANY ONE MONTH. TRUCK LOADING RECORDS AND/OR RECORDS OF THE VOLUME DISCHARGED TO THE SEWER CONNECTION SHALL BE RECORDED TO SHOW COMPLIANCE WITH THIS CONDITION.
[RULE 1303(b)(2)-OFFSETS]
- 6) THIS WASTEWATER TREATMENT SYSTEM SHALL NOT BE USED FOR PROCESSING WASTEWATER CONTAMINATED WITH ORGANIC LIQUIDS HAVING A REID VAPOR PRESSURE EXCEEDING RVP 13.5.
[RULE 1303(b)(2)-OFFSETS]
- 7) THE OPERATOR SHALL USE TANK 918 IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION BEING MONITORED DOES NOT EXCEED 30 PERCENT OF ITS LOWER EXPLOSIVE LIMIT. THE OPERATOR SHALL USE AN EXPLOSIMETER OR EQUIVALENT DEVICE TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE FLOATING ROOF TWICE A YEAR AT 4 TO 8 MONTHS INTERVALS.
[RULE 463, RULE 1178]
- 8) THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO SHOW COMPLIANCE WITH THE LIMITATIONS SPECIFIED IN THIS PERMIT. SUCH RECORDS SHALL BE MAINTAINED AND KEPT FOR AT LEAST FIVE YEARS, AND MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE.
[RULE 463, RULE 464, RULE 1149, RULE 1173, RULE 1178, 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: RULE 463
VOC: RULE 464
VOC: RULE 1149
VOC: RULE 1173 (PER SETTLEMENT AGREEMENT 3/15/1991)
VOC: RULE 1178



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

PERMIT TO OPERATE

**Permit No. G27794
A/N 553199**

Equipment Description:

VAPOR RECOVERY SYSTEM SERVING EIGHT LOADING RACKS, VRU NO. 1, SUPPLIED BY JOHN ZINK (MODEL NO. S3-AAW-6HS-110-80-8), WITH:

1. TWO CARBON ADSORBERS, EACH 11'-0" DIA. X 8'-0" H., EACH WITH 15,000 LBS OF ACTIVATED CARBON, OPERATING ON 15 MINUTE CYCLES.
2. GASOLINE ABSORPTION TOWER, 3'-0" DIA. TOP WITH 4'-0" DIA. BOTTOM X 25'-0" H.
3. GLYCOL SEPARATOR, 4'-0" DIA. X 8'-0" H., 750 GALLONS.
4. TWO LIQUID RING VACUUM PUMPS, EACH 990 CFM, WITH A 100 HP MOTOR.
5. SUPPLY SPONGE GASOLINE PUMP, 300 GPM, WITH A 15 HP MOTOR.
6. RETURN SPONGE GASOLINE PUMP, 300 GPM, WITH A 15 HP MOTOR.
7. TWO SEAL FLUID GLYCOL PUMPS, EACH WITH A 2 HP MOTOR.
8. SHELL AND TUBE HEAT EXCHANGER, GLYCOL COOLER.

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 DISPLACED VAPORS FROM THE TRUCK LOADING OPERATION AT THIS FACILITY SHALL BE VENTED TO:
 - A. A FLARE AIR POLLUTION CONTROL SYSTEM, PERMITTED UNDER A/N 552761 OR SUBSEQUENT, AND/OR;
 - B. ADSORPTION/ABSORPTION VAPOR RECOVERY UNITS (VRU NO.1 AND VRU NO. 2), PERMITTED UNDER A/N 553199 AND 553200 OR SUBSEQUENT.
[RULE 462, RULE 1303(a)(1) - BACT, 40CFR 63 SUBPART R]



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- 4) THE FOLLOWING BACT REQUIREMENTS SHALL APPLY TO VOC SERVICE FUGITIVE COMPONENTS ASSOCIATED WITH DEVICES COVERED BY THIS APPLICATION.
- A. ALL NEW VALVES IN VOC SERVICE 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 STEM IN HORIZONTAL POSITION), RETROFITS/SPECIAL APPLICATIONS WITH SPACE LIMITATIONS, AND VALVES NOT COMMERCIALY AVAILABLE. ADDITIONAL EXCEPTIONS ARE STATED IN DISTRICT RULE 1173(L)(1).
 - B. ALL NEW FUGITIVE COMPONENTS IN VOC SERVICE, EXCEPT VALVES AND FLANGES SHALL BE INSPECTED QUARTERLY USING EPA REFERENCE METHOD 21. ALL NEW VALVES AND FLANGES IN VOC SERVICE SHALL BE INSPECTED MONTHLY USING EPA METHOD 21. IF 98.0 PERCENT OR GREATER OF THE NEW (NON-BELLOWS-SEALED) VALVE AND THE NEW FLANGE POPULATION INSPECTED IS FOUND TO LEAK GASEOUS OR LIQUID VOLATILE ORGANIC COMPOUNDS AT A RATE LESS THAN 500 PPM FOR TWO CONSECUTIVE MONTHS, THEN THE OPERATOR SHALL REVERT TO A QUARTERLY INSPECTION PROGRAM WITH THE APPROVAL OF THE DISTRICT.
 - C. FOR ALL NEW FUGITIVE COMPONENTS IN VOC SERVICE, 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.
 - D. THE OPERATOR SHALL KEEP RECORDS OF THE MONTHLY INSPECTION (AND QUARTERLY, WHERE APPLICABLE), SUBSEQUENT REPAIR, AND REINSPECTION, IN A MANNER APPROVED BY THE DISTRICT.
[RULE 1303(a)(1) - BACT]
- 5) THE OPERATOR SHALL INSTALL AND MAINTAIN A CONTINUOUS EMISSIONS MONITORING DEVICE TO ACCURATELY INDICATE THE VOC CONCENTRATION AT THE OUTLET OF THE CARBON ADSORBERS IN PPMV. THE EMISSIONS MONITORING DEVICE SHALL BE CALIBRATED DAILY.
[RULE 462, 40CFR 63 SUBPART R, RULE 3004(a)(4) – PERIODIC MONITORING]
- 6) A TABLE OR GRAPH SHALL BE DEVELOPED TO CORRELATE THE HYDROCARBON MONITOR CONCENTRATION READINGS IN PERCENT (%) OR PARTS PER MILLION BY VOLUME (PPMV) WITH THE EMISSIONS RATE IN LBS PER 1000 GALLONS LOADED.
[RULE 462, 40CFR 63 SUBPART R, RULE 3004(a)(4) – PERIODIC MONITORING]



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- 7) THE HYDROCARBON (HC) MONITOR SYSTEM 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 HC PER 1000 GALLONS LOADED.
 - B. SHUT OFF VENTING OF LOADING RACK VAPORS TO THE VAPOR RECOVERY SYSTEM WHEN THE HC EMISSIONS RATE EXCEEDS 0.08 LBS PER 1000 GALLONS LOADED.
 - C. SEND A SIGNAL TO THE LOADING RACKS TO SHUT DOWN.
[RULE 462, 40CFR 63 SUBPART R]
- 8) RECORDS REQUIRED BY THIS PERMIT SHALL BE MAINTAINED FOR A FIVE YEAR PERIOD AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST.
[RULE 462]

Periodic Monitoring:

- 9) 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 1,000 GALLONS OF ORGANIC LIQUIDS LOADED.
 - C. THE TEST SHALL BE CONDUCTED PERIODICALLY AT THREE YEAR INTERVALS.
[RULE 3004(a)(4) – PERIODIC MONITORING]

Emissions and Requirements:

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

HAP/TOC: 10 MG/LITER OF GASOLINE LOADED, 40CFR 63 SUBPART R
VOC: 0.08 LB/1000 GALLONS ORGANIC LIQUID LOADED, RULE 462
VOC: RULE 1173 (PER SETTLEMENT AGREEMENT 3/15/1991)



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

PERMIT TO OPERATE

**Permit No. G27795
A/N 553200**

Equipment Description:

VAPOR RECOVERY SYSTEM SERVING EIGHT LOADING RACKS, VRU NO. 2, SUPPLIED BY JOHN ZINK (MODEL NO. S3-AAW-6HS-110-80-8):

1. TWO CARBON ADSORBERS, EACH 11'-0" DIA. X 8'-0" H., EACH WITH 15,000 LBS OF ACTIVATED CARBON, OPERATING ON 15 MINUTE CYCLES
2. GASOLINE ABSORPTION TOWER, 3'-0" DIA. TOP WITH 4'-0" DIA. BOTTOM X 25'-0" H.
3. GLYCOL SEPARATOR, 4'-0" DIA. X 8'-0" H., 750 GALLONS.
4. TWO LIQUID RING VACUUM PUMPS, EACH 990 CFM, WITH A 100 HP MOTOR.
5. SUPPLY SPONGE GASOLINE PUMP, 300 GPM, WITH A 15 HP MOTOR.
6. RETURN SPONGE GASOLINE PUMP, 300 GPM, WITH A 15 HP MOTOR.
7. TWO SEAL FLUID GLYCOL PUMPS, EACH WITH A 2 HP MOTOR.
8. SHELL AND TUBE HEAT EXCHANGER, GLYCOL COOLER.

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 DISPLACED VAPORS FROM THE TRUCK LOADING OPERATION AT THIS FACILITY SHALL BE VENTED TO:
 - A. A FLARE AIR POLLUTION CONTROL SYSTEM, PERMITTED UNDER A/N 552761 OR SUBSEQUENT, AND/OR;
 - B. ADSORPTION/ABSORPTION VAPOR RECOVERY UNITS (VRU NO.1 AND VRU NO. 2), PERMITTED UNDER A/N 553199 AND 553200 OR SUBSEQUENT.
[RULE 462, RULE 1303(a)(1) - BACT, 40CFR 63 SUBPART R]



FACILITY PERMIT TO OPERATE TESORO LOGISTICS, VINVALE TERMINAL

- 4) THE FOLLOWING BACT REQUIREMENTS SHALL APPLY TO VOC SERVICE FUGITIVE COMPONENTS ASSOCIATED WITH DEVICES COVERED BY THIS APPLICATION.
- A. ALL NEW VALVES IN VOC SERVICE 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 STEM IN HORIZONTAL POSITION), RETROFITS/SPECIAL APPLICATIONS WITH SPACE LIMITATIONS, AND VALVES NOT COMMERCIALY AVAILABLE. ADDITIONAL EXCEPTIONS ARE STATED IN DISTRICT RULE 1173(L)(1).
 - B. ALL NEW FUGITIVE COMPONENTS IN VOC SERVICE, EXCEPT VALVES AND FLANGES SHALL BE INSPECTED QUARTERLY USING EPA REFERENCE METHOD 21. ALL NEW VALVES AND FLANGES IN VOC SERVICE SHALL BE INSPECTED MONTHLY USING EPA METHOD 21. IF 98.0 PERCENT OR GREATER OF THE NEW (NON-BELLOWS-SEALED) VALVE AND THE NEW FLANGE POPULATION INSPECTED IS FOUND TO LEAK GASEOUS OR LIQUID VOLATILE ORGANIC COMPOUNDS AT A RATE LESS THAN 500 PPM FOR TWO CONSECUTIVE MONTHS, THEN THE OPERATOR SHALL REVERT TO A QUARTERLY INSPECTION PROGRAM WITH THE APPROVAL OF THE DISTRICT.
 - C. FOR ALL NEW FUGITIVE COMPONENTS IN VOC SERVICE, 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.
 - D. THE OPERATOR SHALL KEEP RECORDS OF THE MONTHLY INSPECTION (AND QUARTERLY, WHERE APPLICABLE), SUBSEQUENT REPAIR, AND REINSPECTION, IN A MANNER APPROVED BY THE DISTRICT.
[RULE 1303(a)(1) - BACT]
- 5) THE OPERATOR SHALL INSTALL AND MAINTAIN A CONTINUOUS EMISSIONS MONITORING DEVICE TO ACCURATELY INDICATE THE VOC CONCENTRATION AT THE OUTLET OF THE CARBON ADSORBERS IN PPMV. THE EMISSIONS MONITORING DEVICE SHALL BE CALIBRATED DAILY.
[RULE 462, 40CFR 63 SUBPART R, RULE 3004(a)(4) – PERIODIC MONITORING]
- 6) A TABLE OR GRAPH SHALL BE DEVELOPED TO CORRELATE THE HYDROCARBON MONITOR CONCENTRATION READINGS IN PERCENT (%) OR PARTS PER MILLION BY VOLUME (PPMV) WITH THE EMISSIONS RATE IN LBS PER 1000 GALLONS LOADED.
[RULE 462, 40CFR 63 SUBPART R, RULE 3004(a)(4) – PERIODIC MONITORING]



FACILITY PERMIT TO OPERATE TESORO LOGISTICS, VINVALE TERMINAL

- 7) THE HYDROCARBON (HC) MONITOR SYSTEM 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 HC PER 1000 GALLONS LOADED.
 - B. SHUT OFF VENTING OF LOADING RACK VAPORS TO THE VAPOR RECOVERY SYSTEM WHEN THE HC EMISSIONS RATE EXCEEDS 0.08 LBS PER 1000 GALLONS LOADED.
 - C. SEND A SIGNAL TO THE LOADING RACKS TO SHUT DOWN.
[RULE 462, 40CFR 63 SUBPART R]
- 8) RECORDS REQUIRED BY THIS PERMIT SHALL BE MAINTAINED FOR A FIVE YEAR PERIOD AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST.
[RULE 462]

Periodic Monitoring:

- 9) 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 1,000 GALLONS OF ORGANIC LIQUIDS LOADED.
 - C. THE TEST SHALL BE CONDUCTED PERIODICALLY AT THREE YEAR INTERVALS.
[RULE 3004(a)(4) – PERIODIC MONITORING]

Emissions and Requirements:

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

HAP/TOC: 10 MG/LITER OF GASOLINE LOADED, 40CFR 63 SUBPART R
VOC: 0.08 LB/1000 GALLONS ORGANIC LIQUID LOADED, RULE 462
VOC: RULE 1173 (PER SETTLEMENT AGREEMENT 3/15/1991)



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

PERMIT TO OPERATE

**Permit No. G27796
A/N 553201**

Equipment Description:

STORAGE TANK NO. 943, DOMED EXTERNAL FLOATING ROOF TANK, DOUBLE DECK TYPE, 144'-0" DIA. X 46'-0" H., 133,452 BBL CAPACITY, RIVETED SHELL, WITH A MECHANICAL SHOE TYPE PRIMARY SEAL AND A 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) FOR RULE 463 APPLICABILITY, ONLY SUBDIVISION (D) IN THE MAY 6, 2005 AMENDMENT, OR EQUIVALENT REQUIREMENTS IN THE FUTURE AMENDMENTS SHALL APPLY TO DOMED EXTERNAL FLOATING ROOF TANKS THIS DOES NOT PRECLUDE ANY REQUIREMENTS SPECIFIED IN RULE 1178.
[RULE 463, RULE 1178]
- 4) THE OPERATOR SHALL INSURE THAT THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE BETWEEN THE DOME AND THE FLOATING ROOF DOES NOT EXCEED 30 PERCENT OF ITS LOWER EXPLOSIVE LIMIT. THE OPERATOR SHALL USE AN EXPLOSIMETER OR EQUIVALENT DEVICE TO MONITOR THE HYDROCARBON CONCENTRATION AT LEAST TWICE A YEAR AT 4 TO 8 MONTHS INTERVALS AND RECORD THE MONITORING DATES & RESULTS IN A WRITTEN LOG.
[RULE 463, RULE 1178]
- 5) THE OPERATOR SHALL KEEP RECORDS OF THROUGHPUT AND VAPOR PRESSURE OF STORED LIQUIDS, IN A MANNER APPROVED BY THE DISTRICT.
[RULE 463]

Periodic Monitoring: NONE



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

Emissions and Requirements:

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

HAP/TOC: 40CFR 63 SUBPART R
VOC: RULE 463
VOC: RULE 1149
VOC: RULE 1173 (PER SETTLEMENT AGREEMENT 3/15/1991)
VOC: RULE 1178



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

PERMIT TO OPERATE

**Permit No. G27797
A/N 553202**

Equipment Description:

STORAGE TANK NO. 942, DOMED EXTERNAL FLOATING ROOF, DOUBLE DECK TYPE, 144' - 0" DIA. X 46' - 0" H., 5,605,000 GALLONS CAPACITY, RIVETED SHELL, WITH A MECHANICAL SHOE PRIMARY SEAL & A 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 ORGANIC LIQUIDS HAVING A REID VAPOR PRESSURE EXCEEDING RVP 13.5.
[RULE 1303(b)(2) – OFFSETS]
- 4) THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE HYDROCARBON CONCENTRATION BEING MONITORED DOES NOT EXCEED 30 PERCENT OF ITS LOWER EXPLOSIVE LIMIT. THE OPERATOR SHALL USE AN EXPLOSIMETER OR EQUIVALENT DEVICE TO MONITOR THE HYDROCARBON CONCENTRATION IN THE VAPOR SPACE ABOVE THE FLOATING ROOF TWICE A YEAR AT 4 TO 8 MONTHS INTERVALS.
[RULE 463, RULE 1178]
- 5) THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO SHOW COMPLIANCE WITH THE LIMITATIONS SPECIFIED IN THIS PERMIT. SUCH RECORDS SHALL BE MAINTAINED AND KEPT FOR AT LEAST FIVE YEARS, AND MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE.
[RULE 463, RULE 1149, RULE 1173, RULE 1178, RULE 1303(b)(2) – OFFSETS, 40CFR 63 SUBPART R]

Periodic Monitoring: NONE



FACILITY PERMIT TO OPERATE TESORO LOGISTICS, VINVALE TERMINAL

Emissions and Requirements:

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

HAP/TOC: 40CFR 63 SUBPART R
VOC: RULE 463
VOC: RULE 1149
VOC: RULE 1173 (PER SETTLEMENT AGREEMENT 3/15/1991)
VOC: RULE 1178



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

PERMIT TO OPERATE

**Permit No. G27798
A/N 553203**

Equipment Description:

STORAGE TANK NO. TK-932, EXTERNAL FLOATING ROOF, 117'-0' DIA. X 42'-0' H., 78,775 BARRELS CAPACITY, RIVETED SHELL, WITH A MECHANICAL SHOE TYPE PRIMARY SEAL

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THE OPERATOR SHALL ONLY USE THIS TANK TO STORE DIESEL FUEL OIL.
[RULE 1303(b)(2)-OFFSETS]
4. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, OF THROUGHPUT AND VAPOR PRESSURE OF STORED LIQUIDS.
[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 1173 (PER SETTLEMENT AGREEMENT 3/15/1991)



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

PERMIT TO OPERATE

**Permit No. G28842
A/N 553204**

Equipment Description:

INTERNAL COMBUSTION ENGINE, CUMMINS, MODEL NO. CFP7E-F30, 6 CYLINDERS, COMPRESSION IGNITION, TURBOCHARGED/AFTERCOOLED, 205 BHP, DIESEL FUELED, DRIVING AN EMERGENCY FIRE WATER PUMP

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. FOR THE LIFE OF THIS ENGINE, THE OPERATOR SHALL OPERATE AND MAINTAIN THIS ENGINE IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS OR PROCEDURES.
[40CFR 60 SUBPART III]
4. SULFUR CONTENT OF DIESEL FUEL SUPPLIED TO THE ENGINE SHALL NOT EXCEED 15 PARTS PER MILLION (PPM) BY WEIGHT.
[RULE 431.2, RULE 1470, 40CFR 60 SUBPART III]
5. AN OPERATIONAL, NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME. THE METER SHALL BE READABLE AND ACCURATE TO THE NEAREST TENTH OF AN HOUR.
[RULE 1110.2, RULE 1304 (a)(4)-MODELING AND OFFSET EXEMPTION, 40CFR 60 SUBPART III, RULE 1470]
6. THIS INTERNAL COMBUSTION ENGINE SHALL NOT OPERATE MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDE NO MORE THAN 50 HOURS IN ANY ONE YEAR AND NO MORE THAN 4.2 HOURS IN ANY ONE MONTH FOR MAINTENANCE AND TESTING. THE ENGINE SHALL NOT BE OPERATED MORE THAN THE NUMBER OF HOURS NEEDED TO MEET NFPA 25 REQUIREMENTS.
[RULE 1303(a)(1)-BACT, RULE 1470]



FACILITY PERMIT TO OPERATE TESORO LOGISTICS, VINVALE TERMINAL

7. THE OPERATOR SHALL KEEP A LOG OF ENGINE OPERATIONS DOCUMENTING THE TOTAL TIME THE ENGINE IS OPERATED EACH MONTH AND THE SPECIFIC REASON FOR OPERATION AS:
- A. EMERGENCY USE
 - B. MAINTENANCE AND TESTING
 - C. OTHER SPECIFIC REASONS

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

[RULE 1110.2, RULE 1303(a)(1)-BACT, RULE 1304 (a)(4)-MODELING AND OFFSET EXEMPTION, RULE 1470]

8. ON OR BEFORE JANUARY 15 OF EACH YEAR, THE OPERATOR SHALL RECORD IN THE OPERATING LOG:
- A. THE TOTAL HOURS OF ENGINE OPERATION FOR THE PREVIOUS CALENDAR YEAR, AND
 - B. THE TOTAL HOURS FOR MAINTENANCE AND TESTING FOR THE PREVIOUS CALENDAR YEAR

THE OPERATING LOG SHALL REMAIN ON SITE FOR THE MOST RECENT THREE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.

[RULE 1110.2, RULE 1303(a)(1)-BACT, RULE 1304 (a)(4)-MODELING AND OFFSET EXEMPTION, RULE 1470]

Periodic Monitoring:

NONE

Emissions and Requirements:

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

NOX + ROG: 3.0 GMS/BHP-HR, 40CFR 60 SUBPART IIII, RULE 1303(a)(1)-BACT, RULE 1470
CO: 2.6 GMS/BHP-HR, 40CFR 60 SUBPART IIII, RULE 1303(a)(1)-BACT, RULE 1470
PM: 0.15 GMS/BHP-HR, 40CFR 60 SUBPART IIII, RULE 1303(a)(1)-BACT, RULE 1470
HAP: 40CFR 63 SUBPART ZZZZ



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

PERMIT TO OPERATE

**Permit No. G29582
A/N 556617**

Equipment Description:

BULK GASOLINE LOADING RACK NO. 1 CONSISTING OF THE FOLLOWING:

1. FOUR 4" BOTTOM LOADING ARMS WITH BREAKAWAY COUPLERS AND DRY BREAK CONNECTIONS.
2. TWO 4" VAPOR RETURN CONNECTIONS.
3. TEN TOTALIZING FLOW METERS.
4. ELEVEN GASOLINE PUMPS, EACH INLINE WITH MECHANICAL SEAL AND 100 HP MOTOR (COMMON TO LOADING RACKS 1 THROUGH 6).
5. SUMP TANK T-903, UNDERGROUND, 4,000 GALLON CAPACITY, 8' DIA. X 31' L. (COMMON TO LOADING RACKS 1 THROUGH 8).
6. TANK TK-120, UNDERGROUND, 7'-9" DIA. X 14'-8" L., 5,000 GALLON CAPACITY (COMMON TO LOADING RACKS 1 THROUGH 8).
7. THREE ETHANOL TRANSFER PUMPS, EACH WITH 25 HP MOTOR AND TANDEM MECHANICAL SEALS VENTED TO VAPOR RECOVERY SYSTEM OR TO STANDBY AIR POLLUTION CONTROL SYSTEM (COMMON TO LOADING RACKS 1 THROUGH 6).
8. SIX ADDITIVE PUMPS, 2 HP MAGNETIC DRIVE GEAR PUMPS (COMMON TO LOADING RACKS 1 THROUGH 6).

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 LOADING RATE FOR ALL COMMODITIES AT THIS FACILITY SHALL NOT EXCEED 5,843,411 GALLONS PER DAY. THROUGHPUT SHALL BE MONITORED AND RECORDED BY AN AUTOMATED SYSTEM DESIGNED TO SHUT DOWN THE LOADING OPERATION WHEN THE LOADING RATE LIMIT IS REACHED.
[H & S Code §41954]



**FACILITY PERMIT TO OPERATE
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- 4) THE LOADING RATE FOR ALL COMMODITIES AT THIS FACILITY SHALL NOT EXCEED 7,000,000 GALLONS PER DAY. THROUGHPUT SHALL BE MONITORED AND RECORDED BY AN AUTOMATED SYSTEM DESIGNED TO SHUT DOWN THE LOADING OPERATION WHEN THE LOADING RATE LIMIT IS REACHED.
[RULE 462, RULE 1303(b)(2) - OFFSETS]
- 5) DISPLACED VAPORS FROM THE TRUCK LOADING OPERATION SHALL BE VENTED TO A VAPOR RECOVERY SYSTEM (VRU NO. 1, VRU NO. 2, AND/OR STANDBY FLARE). THE VAPOR RECOVERY SYSTEM SHALL BE CALIFORNIA AIR RESOURCES BOARD (CARB) CERTIFIED. IF THE VAPOR RECOVERY SYSTEM DOES NOT REQUIRE CARB CERTIFICATION PER CALIFORNIA HEALTH AND SAFETY CODE 41954, IT SHALL BE APPROVED BY AQMD. THE VAPOR RECOVERY SYSTEM SHALL BE CERTIFIED TO REDUCE VOC EMISSIONS FROM LOADING OPERATIONS TO 0.08 POUNDS OR LESS PER 1000 GALLONS LOADED.
[RULE 462, 40CFR 63 SUBPART R]
- 6) THIS EQUIPMENT SHALL NOT BE USED TO LOAD OR UNLOAD ORGANIC LIQUIDS INTO ANY TRANSPORT VESSEL UNLESS THE VESSEL HAS A VALID CERTIFICATION OF VAPOR INTEGRITY AS DEFINED BY THE APPLICABLE AIR RESOURCES BOARD CERTIFICATION AND TEST PROCEDURES, PURSUANT TO CALIFORNIA HEALTH AND SAFETY CODE SECTION 41962(g).
[RULE 462, 40CFR 63 SUBPART R]
- 7) THE OPERATOR SHALL PERFORM AN INSPECTION OF THE VAPOR COLLECTION SYSTEM, THE VAPOR CONTROL SYSTEM, AND THE COMPONENTS AND FITTINGS OF THIS EQUIPMENT FOR VAPOR AND/OR LIQUID LEAKS. THE OPERATOR SHALL USE THE MEASURES FOR INSPECTION, REPORTING, MAINTENANCE, AND LEAK CRITERIA EQUIVALENT TO THOSE SPECIFIED IN AQMD RULE 1173 PER SETTLEMENT AGREEMENT BETWEEN AQMD AND ARCO PRODUCTS COMPANY AND ITS SUCCESSORS, DATED MARCH 15, 1991.
[RULE 462, 40CFR 63 SUBPART R, SETTLEMENT AGREEMENT]
- 8) THE OPERATOR SHALL RECORD ALL LEAKS, REPAIRS, AND REINSPECTIONS AS REQUIRED BY THE CONDITIONS OF THIS PERMIT, AND SUBMIT THOSE AS QUARTERLY OR ANNUAL INSPECTION REPORTS TO THE EXECUTIVE OFFICER, NO LATER THAN 30 DAYS AFTER THE END OF EACH QUARTER, OR 60 DAYS AFTER THE END OF EACH CALENDAR YEAR, RESPECTIVELY.
[RULE 462]
- 9) THE RECORDS REQUIRED BY CONDITIONS OF THIS PERMIT INCLUDING CARGO TANK INTEGRITY TESTS, PERIODIC LEAK INSPECTIONS, COMPONENT IDENTIFICATION, TYPE, SERVICE, LOCATION, LEAK RATE, DATE AND TIME OF INSPECTION AND REPAIR, REINSPECTIONS, AND MAINTENANCE, SHALL BE RETAINED AT THE FACILITY AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[RULE 462, 40CFR 63 SUBPART R]

Periodic Monitoring: NONE



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

Emissions and Requirements:

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

HAP/TOC: 10 MG/LITER OF GASOLINE LOADED, 40CFR 63 SUBPART R
VOC: 0.08 LB/1000 GALLONS OF ORGANIC LIQUID LOADED, RULE 462
VOC: RULE 1173 (PER SETTLEMENT AGREEMENT 3/15/1991)



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

PERMIT TO OPERATE

**Permit No. G29583
A/N 556618**

Equipment Description:

BULK GASOLINE LOADING RACK NO. 2 CONSISTING OF THE FOLLOWING:

1. FOUR 4" BOTTOM LOADING ARMS WITH BREAKAWAY COUPLERS AND DRY BREAK CONNECTIONS.
2. TWO 4" VAPOR RETURN CONNECTIONS.
3. TEN TOTALIZING FLOW METERS.
4. ELEVEN GASOLINE PUMPS, EACH INLINE WITH MECHANICAL SEAL AND 100 HP MOTOR (COMMON TO LOADING RACKS 1 THROUGH 6).
5. SUMP TANK T-903, UNDERGROUND, 4,000 GALLON CAPACITY, 8' DIA. X 31' L. (COMMON TO LOADING RACKS 1 THROUGH 8).
6. TANK TK-120, UNDERGROUND, 7'-9" DIA. X 14'-8" L., 5,000 GALLON CAPACITY (COMMON TO LOADING RACKS 1 THROUGH 8).
7. THREE ETHANOL TRANSFER PUMPS, EACH WITH 25 HP MOTOR AND TANDEM MECHANICAL SEALS VENTED TO VAPOR RECOVERY SYSTEM OR TO STANDBY AIR POLLUTION CONTROL SYSTEM (COMMON TO LOADING RACKS 1 THROUGH 6).
8. SIX ADDITIVE PUMPS, 2 HP MAGNETIC DRIVE GEAR PUMPS (COMMON TO LOADING RACKS 1 THROUGH 6).

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 LOADING RATE FOR ALL COMMODITIES AT THIS FACILITY SHALL NOT EXCEED 5,843,411 GALLONS PER DAY. THROUGHPUT SHALL BE MONITORED AND RECORDED BY AN AUTOMATED SYSTEM DESIGNED TO SHUT DOWN THE LOADING OPERATION WHEN THE LOADING RATE LIMIT IS REACHED.
[H & S Code §41954]



FACILITY PERMIT TO OPERATE TESORO LOGISTICS, VINVALE TERMINAL

- 4) THE LOADING RATE FOR ALL COMMODITIES AT THIS FACILITY SHALL NOT EXCEED 7,000,000 GALLONS PER DAY. THROUGHPUT SHALL BE MONITORED AND RECORDED BY AN AUTOMATED SYSTEM DESIGNED TO SHUT DOWN THE LOADING OPERATION WHEN THE LOADING RATE LIMIT IS REACHED.
[RULE 462, RULE 1303(b)(2) - OFFSETS]
- 5) DISPLACED VAPORS FROM THE TRUCK LOADING OPERATION SHALL BE VENTED TO A VAPOR RECOVERY SYSTEM (VRU NO. 1, VRU NO. 2, AND/OR STANDBY FLARE). THE VAPOR RECOVERY SYSTEM SHALL BE CALIFORNIA AIR RESOURCES BOARD (CARB) CERTIFIED. IF THE VAPOR RECOVERY SYSTEM DOES NOT REQUIRE CARB CERTIFICATION PER CALIFORNIA HEALTH AND SAFETY CODE 41954, IT SHALL BE APPROVED BY AQMD. THE VAPOR RECOVERY SYSTEM SHALL BE CERTIFIED TO REDUCE VOC EMISSIONS FROM LOADING OPERATIONS TO 0.08 POUNDS OR LESS PER 1000 GALLONS LOADED.
[RULE 462, 40CFR 63 SUBPART R]
- 6) THIS EQUIPMENT SHALL NOT BE USED TO LOAD OR UNLOAD ORGANIC LIQUIDS INTO ANY TRANSPORT VESSEL UNLESS THE VESSEL HAS A VALID CERTIFICATION OF VAPOR INTEGRITY AS DEFINED BY THE APPLICABLE AIR RESOURCES BOARD CERTIFICATION AND TEST PROCEDURES, PURSUANT TO CALIFORNIA HEALTH AND SAFETY CODE SECTION 41962(g).
[RULE 462, 40CFR 63 SUBPART R]
- 7) THE OPERATOR SHALL PERFORM AN INSPECTION OF THE VAPOR COLLECTION SYSTEM, THE VAPOR CONTROL SYSTEM, AND THE COMPONENTS AND FITTINGS OF THIS EQUIPMENT FOR VAPOR AND/OR LIQUID LEAKS. THE OPERATOR SHALL USE THE MEASURES FOR INSPECTION, REPORTING, MAINTENANCE, AND LEAK CRITERIA EQUIVALENT TO THOSE SPECIFIED IN AQMD RULE 1173 PER SETTLEMENT AGREEMENT BETWEEN AQMD AND ARCO PRODUCTS COMPANY AND ITS SUCCESSORS, DATED MARCH 15, 1991.
[RULE 462, 40CFR 63 SUBPART R, SETTLEMENT AGREEMENT]
- 8) THE OPERATOR SHALL RECORD ALL LEAKS, REPAIRS, AND REINSPECTIONS AS REQUIRED BY THE CONDITIONS OF THIS PERMIT, AND SUBMIT THOSE AS QUARTERLY OR ANNUAL INSPECTION REPORTS TO THE EXECUTIVE OFFICER, NO LATER THAN 30 DAYS AFTER THE END OF EACH QUARTER, OR 60 DAYS AFTER THE END OF EACH CALENDAR YEAR, RESPECTIVELY.
[RULE 462]
- 9) THE RECORDS REQUIRED BY CONDITIONS OF THIS PERMIT INCLUDING CARGO TANK INTEGRITY TESTS, PERIODIC LEAK INSPECTIONS, COMPONENT IDENTIFICATION, TYPE, SERVICE, LOCATION, LEAK RATE, DATE AND TIME OF INSPECTION AND REPAIR, REINSPECTIONS, AND MAINTENANCE, SHALL BE RETAINED AT THE FACILITY AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[RULE 462, 40CFR 63 SUBPART R]

Periodic Monitoring: NONE



FACILITY PERMIT TO OPERATE TESORO LOGISTICS, VINVALE TERMINAL

Emissions and Requirements:

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

HAP/TOC: 10 MG/LITER OF GASOLINE LOADED, 40CFR 63 SUBPART R
VOC: 0.08 LB/1000 GALLONS OF ORGANIC LIQUID LOADED, RULE 462
VOC: RULE 1173 (PER SETTLEMENT AGREEMENT 3/15/1991)



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

PERMIT TO OPERATE

**Permit No. G29584
A/N 556619**

Equipment Description:

BULK GASOLINE LOADING RACK NO. 3 CONSISTING OF THE FOLLOWING:

1. FOUR 4" BOTTOM LOADING ARMS WITH BREAKAWAY COUPLERS AND DRY BREAK CONNECTIONS.
2. TWO 4" VAPOR RETURN CONNECTIONS.
3. TEN TOTALIZING FLOW METERS.
4. ELEVEN GASOLINE PUMPS, EACH INLINE WITH MECHANICAL SEAL AND 100 HP MOTOR (COMMON TO LOADING RACKS 1 THROUGH 6).
5. SUMP TANK T-903, UNDERGROUND, 4,000 GALLON CAPACITY, 8' DIA. X 31' L. (COMMON TO LOADING RACKS 1 THROUGH 8).
6. TANK TK-120, UNDERGROUND, 7'-9" DIA. X 14'-8" L., 5,000 GALLON CAPACITY (COMMON TO LOADING RACKS 1 THROUGH 8).
7. THREE ETHANOL TRANSFER PUMPS, EACH WITH 25 HP MOTOR AND TANDEM MECHANICAL SEALS VENTED TO VAPOR RECOVERY SYSTEM OR TO STANDBY AIR POLLUTION CONTROL SYSTEM (COMMON TO LOADING RACKS 1 THROUGH 6).
8. SIX ADDITIVE PUMPS, 2 HP MAGNETIC DRIVE GEAR PUMPS (COMMON TO LOADING RACKS 1 THROUGH 6).

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 LOADING RATE FOR ALL COMMODITIES AT THIS FACILITY SHALL NOT EXCEED 5,843,411 GALLONS PER DAY. THROUGHPUT SHALL BE MONITORED AND RECORDED BY AN AUTOMATED SYSTEM DESIGNED TO SHUT DOWN THE LOADING OPERATION WHEN THE LOADING RATE LIMIT IS REACHED.
[H & S Code §41954]



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

- 4) THE LOADING RATE FOR ALL COMMODITIES AT THIS FACILITY SHALL NOT EXCEED 7,000,000 GALLONS PER DAY. THROUGHPUT SHALL BE MONITORED AND RECORDED BY AN AUTOMATED SYSTEM DESIGNED TO SHUT DOWN THE LOADING OPERATION WHEN THE LOADING RATE LIMIT IS REACHED.
[RULE 462, RULE 1303(b)(2) - OFFSETS]
- 5) DISPLACED VAPORS FROM THE TRUCK LOADING OPERATION SHALL BE VENTED TO A VAPOR RECOVERY SYSTEM (VRU NO. 1, VRU NO. 2, AND/OR STANDBY FLARE). THE VAPOR RECOVERY SYSTEM SHALL BE CALIFORNIA AIR RESOURCES BOARD (CARB) CERTIFIED. IF THE VAPOR RECOVERY SYSTEM DOES NOT REQUIRE CARB CERTIFICATION PER CALIFORNIA HEALTH AND SAFETY CODE 41954, IT SHALL BE APPROVED BY AQMD. THE VAPOR RECOVERY SYSTEM SHALL BE CERTIFIED TO REDUCE VOC EMISSIONS FROM LOADING OPERATIONS TO 0.08 POUNDS OR LESS PER 1000 GALLONS LOADED.
[RULE 462, 40CFR 63 SUBPART R]
- 6) THIS EQUIPMENT SHALL NOT BE USED TO LOAD OR UNLOAD ORGANIC LIQUIDS INTO ANY TRANSPORT VESSEL UNLESS THE VESSEL HAS A VALID CERTIFICATION OF VAPOR INTEGRITY AS DEFINED BY THE APPLICABLE AIR RESOURCES BOARD CERTIFICATION AND TEST PROCEDURES, PURSUANT TO CALIFORNIA HEALTH AND SAFETY CODE SECTION 41962(g).
[RULE 462, 40CFR 63 SUBPART R]
- 7) THE OPERATOR SHALL PERFORM AN INSPECTION OF THE VAPOR COLLECTION SYSTEM, THE VAPOR CONTROL SYSTEM, AND THE COMPONENTS AND FITTINGS OF THIS EQUIPMENT FOR VAPOR AND/OR LIQUID LEAKS. THE OPERATOR SHALL USE THE MEASURES FOR INSPECTION, REPORTING, MAINTENANCE, AND LEAK CRITERIA EQUIVALENT TO THOSE SPECIFIED IN AQMD RULE 1173 PER SETTLEMENT AGREEMENT BETWEEN AQMD AND ARCO PRODUCTS COMPANY AND ITS SUCCESSORS, DATED MARCH 15, 1991.
[RULE 462, 40CFR 63 SUBPART R, SETTLEMENT AGREEMENT]
- 8) THE OPERATOR SHALL RECORD ALL LEAKS, REPAIRS ,AND REINSPECTIONS AS REQUIRED BY THE CONDITIONS OF THIS PERMIT, AND SUBMIT THOSE AS QUARTERLY OR ANNUAL INSPECTION REPORTS TO THE EXECUTIVE OFFICER, NO LATER THAN 30 DAYS AFTER THE END OF EACH QUARTER, OR 60 DAYS AFTER THE END OF EACH CALENDAR YEAR, RESPECTIVELY.
[RULE 462]
- 9) THE RECORDS REQUIRED BY CONDITIONS OF THIS PERMIT INCLUDING CARGO TANK INTEGRITY TESTS, PERIODIC LEAK INSPECTIONS, COMPONENT IDENTIFICATION, TYPE, SERVICE, LOCATION, LEAK RATE, DATE AND TIME OF INSPECTION AND REPAIR, REINSPECTIONS, AND MAINTENANCE, SHALL BE RETAINED AT THE FACILITY AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[RULE 462, 40CFR 63 SUBPART R]

Periodic Monitoring: NONE



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

Emissions and Requirements:

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

HAP/TOC: 10 MG/LITER OF GASOLINE LOADED, 40CFR 63 SUBPART R
VOC: 0.08 LB/1000 GALLONS OF ORGANIC LIQUID LOADED, RULE 462
VOC: RULE 1173 (PER SETTLEMENT AGREEMENT 3/15/1991)



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

PERMIT TO OPERATE

**Permit No. G29585
A/N 556620**

Equipment Description:

BULK GASOLINE LOADING RACK NO. 4 CONSISTING OF THE FOLLOWING:

1. FOUR 4" BOTTOM LOADING ARMS WITH BREAKAWAY COUPLERS AND DRY BREAK CONNECTIONS.
2. TWO 4" VAPOR RETURN CONNECTIONS.
3. TEN TOTALIZING FLOW METERS.
4. ELEVEN GASOLINE PUMPS, EACH INLINE WITH MECHANICAL SEAL AND 100 HP MOTOR (COMMON TO LOADING RACKS 1 THROUGH 6).
5. SUMP TANK T-903, UNDERGROUND, 4,000 GALLON CAPACITY, 8' DIA. X 31' L. (COMMON TO LOADING RACKS 1 THROUGH 8).
6. TANK TK-120, UNDERGROUND, 7'-9" DIA. X 14'-8" L., 5,000 GALLON CAPACITY (COMMON TO LOADING RACKS 1 THROUGH 8).
7. THREE ETHANOL TRANSFER PUMPS, EACH WITH 25 HP MOTOR AND TANDEM MECHANICAL SEALS VENTED TO VAPOR RECOVERY SYSTEM OR TO STANDBY AIR POLLUTION CONTROL SYSTEM (COMMON TO LOADING RACKS 1 THROUGH 6).
8. SIX ADDITIVE PUMPS, 2 HP MAGNETIC DRIVE GEAR PUMPS (COMMON TO LOADING RACKS 1 THROUGH 6).

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 LOADING RATE FOR ALL COMMODITIES AT THIS FACILITY SHALL NOT EXCEED 5,843,411 GALLONS PER DAY. THROUGHPUT SHALL BE MONITORED AND RECORDED BY AN AUTOMATED SYSTEM DESIGNED TO SHUT DOWN THE LOADING OPERATION WHEN THE LOADING RATE LIMIT IS REACHED.
[H & S Code §41954]



FACILITY PERMIT TO OPERATE TESORO LOGISTICS, VINVALE TERMINAL

- 4) THE LOADING RATE FOR ALL COMMODITIES AT THIS FACILITY SHALL NOT EXCEED 7,000,000 GALLONS PER DAY. THROUGHPUT SHALL BE MONITORED AND RECORDED BY AN AUTOMATED SYSTEM DESIGNED TO SHUT DOWN THE LOADING OPERATION WHEN THE LOADING RATE LIMIT IS REACHED.
[RULE 462, RULE 1303(b)(2) - OFFSETS]
- 5) DISPLACED VAPORS FROM THE TRUCK LOADING OPERATION SHALL BE VENTED TO A VAPOR RECOVERY SYSTEM (VRU NO. 1, VRU NO. 2, AND/OR STANDBY FLARE). THE VAPOR RECOVERY SYSTEM SHALL BE CALIFORNIA AIR RESOURCES BOARD (CARB) CERTIFIED. IF THE VAPOR RECOVERY SYSTEM DOES NOT REQUIRE CARB CERTIFICATION PER CALIFORNIA HEALTH AND SAFETY CODE 41954, IT SHALL BE APPROVED BY AQMD. THE VAPOR RECOVERY SYSTEM SHALL BE CERTIFIED TO REDUCE VOC EMISSIONS FROM LOADING OPERATIONS TO 0.08 POUNDS OR LESS PER 1000 GALLONS LOADED.
[RULE 462, 40CFR 63 SUBPART R]
- 6) THIS EQUIPMENT SHALL NOT BE USED TO LOAD OR UNLOAD ORGANIC LIQUIDS INTO ANY TRANSPORT VESSEL UNLESS THE VESSEL HAS A VALID CERTIFICATION OF VAPOR INTEGRITY AS DEFINED BY THE APPLICABLE AIR RESOURCES BOARD CERTIFICATION AND TEST PROCEDURES, PURSUANT TO CALIFORNIA HEALTH AND SAFETY CODE SECTION 41962(g).
[RULE 462, 40CFR 63 SUBPART R]
- 7) THE OPERATOR SHALL PERFORM AN INSPECTION OF THE VAPOR COLLECTION SYSTEM, THE VAPOR CONTROL SYSTEM, AND THE COMPONENTS AND FITTINGS OF THIS EQUIPMENT FOR VAPOR AND/OR LIQUID LEAKS. THE OPERATOR SHALL USE THE MEASURES FOR INSPECTION, REPORTING, MAINTENANCE, AND LEAK CRITERIA EQUIVALENT TO THOSE SPECIFIED IN AQMD RULE 1173 PER SETTLEMENT AGREEMENT BETWEEN AQMD AND ARCO PRODUCTS COMPANY AND ITS SUCCESSORS, DATED MARCH 15, 1991.
[RULE 462, 40CFR 63 SUBPART R, SETTLEMENT AGREEMENT]
- 8) THE OPERATOR SHALL RECORD ALL LEAKS, REPAIRS, AND REINSPECTIONS AS REQUIRED BY THE CONDITIONS OF THIS PERMIT, AND SUBMIT THOSE AS QUARTERLY OR ANNUAL INSPECTION REPORTS TO THE EXECUTIVE OFFICER, NO LATER THAN 30 DAYS AFTER THE END OF EACH QUARTER, OR 60 DAYS AFTER THE END OF EACH CALENDAR YEAR, RESPECTIVELY.
[RULE 462]
- 9) THE RECORDS REQUIRED BY CONDITIONS OF THIS PERMIT INCLUDING CARGO TANK INTEGRITY TESTS, PERIODIC LEAK INSPECTIONS, COMPONENT IDENTIFICATION, TYPE, SERVICE, LOCATION, LEAK RATE, DATE AND TIME OF INSPECTION AND REPAIR, REINSPECTIONS, AND MAINTENANCE, SHALL BE RETAINED AT THE FACILITY AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[RULE 462, 40CFR 63 SUBPART R]

Periodic Monitoring: NONE



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

Emissions and Requirements:

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

HAP/TOC: 10 MG/LITER OF GASOLINE LOADED, 40CFR 63 SUBPART R
VOC: 0.08 LB/1000 GALLONS OF ORGANIC LIQUID LOADED, RULE 462
VOC: RULE 1173 (PER SETTLEMENT AGREEMENT 3/15/1991)



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

PERMIT TO OPERATE

**Permit No. G29586
A/N 556621**

Equipment Description:

BULK GASOLINE LOADING RACK NO. 5 CONSISTING OF THE FOLLOWING:

1. FOUR 4" BOTTOM LOADING ARMS WITH BREAKAWAY COUPLERS AND DRY BREAK CONNECTIONS.
2. TWO 4" VAPOR RETURN CONNECTIONS.
3. TEN TOTALIZING FLOW METERS.
4. ELEVEN GASOLINE PUMPS, EACH INLINE WITH MECHANICAL SEAL AND 100 HP MOTOR (COMMON TO LOADING RACKS 1 THROUGH 6).
5. SUMP TANK T-903, UNDERGROUND, 4,000 GALLON CAPACITY, 8' DIA. X 31' L. (COMMON TO LOADING RACKS 1 THROUGH 8).
6. TANK TK-120, UNDERGROUND, 7'-9" DIA. X 14'-8" L., 5,000 GALLON CAPACITY (COMMON TO LOADING RACKS 1 THROUGH 8).
7. THREE ETHANOL TRANSFER PUMPS, EACH WITH 25 HP MOTOR AND TANDEM MECHANICAL SEALS VENTED TO VAPOR RECOVERY SYSTEM OR TO STANDBY AIR POLLUTION CONTROL SYSTEM (COMMON TO LOADING RACKS 1 THROUGH 6).
8. SIX ADDITIVE PUMPS, 2 HP MAGNETIC DRIVE GEAR PUMPS (COMMON TO LOADING RACKS 1 THROUGH 6).

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 LOADING RATE FOR ALL COMMODITIES AT THIS FACILITY SHALL NOT EXCEED 5,843,411 GALLONS PER DAY. THROUGHPUT SHALL BE MONITORED AND RECORDED BY AN AUTOMATED SYSTEM DESIGNED TO SHUT DOWN THE LOADING OPERATION WHEN THE LOADING RATE LIMIT IS REACHED.
[H & S Code §41954]



FACILITY PERMIT TO OPERATE TESORO LOGISTICS, VINVALE TERMINAL

- 4) THE LOADING RATE FOR ALL COMMODITIES AT THIS FACILITY SHALL NOT EXCEED 7,000,000 GALLONS PER DAY. THROUGHPUT SHALL BE MONITORED AND RECORDED BY AN AUTOMATED SYSTEM DESIGNED TO SHUT DOWN THE LOADING OPERATION WHEN THE LOADING RATE LIMIT IS REACHED.
[RULE 462, RULE 1303(b)(2) - OFFSETS]
- 5) DISPLACED VAPORS FROM THE TRUCK LOADING OPERATION SHALL BE VENTED TO A VAPOR RECOVERY SYSTEM (VRU NO. 1, VRU NO. 2, AND/OR STANDBY FLARE). THE VAPOR RECOVERY SYSTEM SHALL BE CALIFORNIA AIR RESOURCES BOARD (CARB) CERTIFIED. IF THE VAPOR RECOVERY SYSTEM DOES NOT REQUIRE CARB CERTIFICATION PER CALIFORNIA HEALTH AND SAFETY CODE 41954, IT SHALL BE APPROVED BY AQMD. THE VAPOR RECOVERY SYSTEM SHALL BE CERTIFIED TO REDUCE VOC EMISSIONS FROM LOADING OPERATIONS TO 0.08 POUNDS OR LESS PER 1000 GALLONS LOADED.
[RULE 462, 40CFR 63 SUBPART R]
- 6) THIS EQUIPMENT SHALL NOT BE USED TO LOAD OR UNLOAD ORGANIC LIQUIDS INTO ANY TRANSPORT VESSEL UNLESS THE VESSEL HAS A VALID CERTIFICATION OF VAPOR INTEGRITY AS DEFINED BY THE APPLICABLE AIR RESOURCES BOARD CERTIFICATION AND TEST PROCEDURES, PURSUANT TO CALIFORNIA HEALTH AND SAFETY CODE SECTION 41962(g).
[RULE 462, 40CFR 63 SUBPART R]
- 7) THE OPERATOR SHALL PERFORM AN INSPECTION OF THE VAPOR COLLECTION SYSTEM, THE VAPOR CONTROL SYSTEM, AND THE COMPONENTS AND FITTINGS OF THIS EQUIPMENT FOR VAPOR AND/OR LIQUID LEAKS. THE OPERATOR SHALL USE THE MEASURES FOR INSPECTION, REPORTING, MAINTENANCE, AND LEAK CRITERIA EQUIVALENT TO THOSE SPECIFIED IN AQMD RULE 1173 PER SETTLEMENT AGREEMENT BETWEEN AQMD AND ARCO PRODUCTS COMPANY AND ITS SUCCESSORS, DATED MARCH 15, 1991.
[RULE 462, 40CFR 63 SUBPART R, SETTLEMENT AGREEMENT]
- 8) THE OPERATOR SHALL RECORD ALL LEAKS, REPAIRS, AND REINSPECTIONS AS REQUIRED BY THE CONDITIONS OF THIS PERMIT, AND SUBMIT THOSE AS QUARTERLY OR ANNUAL INSPECTION REPORTS TO THE EXECUTIVE OFFICER, NO LATER THAN 30 DAYS AFTER THE END OF EACH QUARTER, OR 60 DAYS AFTER THE END OF EACH CALENDAR YEAR, RESPECTIVELY.
[RULE 462]
- 9) THE RECORDS REQUIRED BY CONDITIONS OF THIS PERMIT INCLUDING CARGO TANK INTEGRITY TESTS, PERIODIC LEAK INSPECTIONS, COMPONENT IDENTIFICATION, TYPE, SERVICE, LOCATION, LEAK RATE, DATE AND TIME OF INSPECTION AND REPAIR, REINSPECTIONS, AND MAINTENANCE, SHALL BE RETAINED AT THE FACILITY AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[RULE 462, 40CFR 63 SUBPART R]

Periodic Monitoring: NONE



FACILITY PERMIT TO OPERATE TESORO LOGISTICS, VINVALE TERMINAL

Emissions and Requirements:

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

HAP/TOC: 10 MG/LITER OF GASOLINE LOADED, 40CFR 63 SUBPART R
VOC: 0.08 LB/1000 GALLONS OF ORGANIC LIQUID LOADED, RULE 462
VOC: RULE 1173 (PER SETTLEMENT AGREEMENT 3/15/1991)



FACILITY PERMIT TO OPERATE TESORO LOGISTICS, VINVALE TERMINAL

PERMIT TO OPERATE

Permit No. G29588
A/N 556622

Equipment Description:

BULK GASOLINE AND DIESEL LOADING RACK NO. 6 CONSISTING OF THE FOLLOWING:

1. FOUR 4" GASOLINE BOTTOM LOADING ARMS WITH BREAKAWAY COUPLERS AND DRY BREAK CONNECTIONS.
2. TWO 3" VAPOR RETURN CONNECTIONS.
3. TEN TOTALIZING GASOLINE FLOW METERS.
4. ELEVEN GASOLINE PUMPS, EACH INLINE WITH MECHANICAL SEAL AND 100 HP MOTOR (COMMON TO LOADING RACKS 1 THROUGH 6).
5. TWO DIESEL PUMPS, EACH INLINE WITH MECHANICAL SEAL AND 100 HP MOTOR (COMMON TO LOADING RACKS 6 THROUGH 8).
6. SUMP TANK T-903, UNDERGROUND, 4,000 GALLON CAPACITY, 8' DIA. X 31' L. (COMMON TO LOADING RACKS 1 THROUGH 8).
7. TANK TK-120, UNDERGROUND, 7'-9" DIA. X 14'-8" L., 5,000 GALLON CAPACITY (COMMON TO LOADING RACKS 1 THROUGH 8).
8. TWO 4" DIESEL BOTTOM LOADING ARMS WITH BREAKAWAY COUPLERS AND DRY BREAK CONNECTIONS.
9. TWO TOTALIZING DIESEL FLOW METERS.
10. THREE ETHANOL TRANSFER PUMPS, EACH WITH 25 HP MOTOR AND TANDEM MECHANICAL SEALS VENTED TO VAPOR RECOVERY SYSTEM OR TO STANDBY AIR POLLUTION CONTROL SYSTEM (COMMON TO LOADING RACKS 1 THROUGH 6).
11. SIX ADDITIVE PUMPS, 2 HP MAGNETIC DRIVE GEAR PUMPS (COMMON TO LOADING RACKS 1 THROUGH 6).

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]



FACILITY PERMIT TO OPERATE TESORO LOGISTICS, VINVALE TERMINAL

- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
- 3) THE LOADING RATE FOR ALL COMMODITIES AT THIS FACILITY SHALL NOT EXCEED 5,843,411 GALLONS PER DAY. THROUGHPUT SHALL BE MONITORED AND RECORDED BY AN AUTOMATED SYSTEM DESIGNED TO SHUT DOWN THE LOADING OPERATION WHEN THE LOADING RATE LIMIT IS REACHED.
[H & S Code §41954]
- 4) THE LOADING RATE FOR ALL COMMODITIES AT THIS FACILITY SHALL NOT EXCEED 7,000,000 GALLONS PER DAY. THROUGHPUT SHALL BE MONITORED AND RECORDED BY AN AUTOMATED SYSTEM DESIGNED TO SHUT DOWN THE LOADING OPERATION WHEN THE LOADING RATE LIMIT IS REACHED.
[RULE 462, RULE 1303(b)(2) - OFFSETS]
- 5) DISPLACED VAPORS FROM THE TRUCK LOADING OPERATION SHALL BE VENTED TO A VAPOR RECOVERY SYSTEM (VRU NO. 1, VRU NO. 2, AND/OR STANDBY FLARE). THE VAPOR RECOVERY SYSTEM SHALL BE CALIFORNIA AIR RESOURCES BOARD (CARB) CERTIFIED. IF THE VAPOR RECOVERY SYSTEM DOES NOT REQUIRE CARB CERTIFICATION PER CALIFORNIA HEALTH AND SAFETY CODE 41954, IT SHALL BE APPROVED BY AQMD. THE VAPOR RECOVERY SYSTEM SHALL BE CERTIFIED TO REDUCE VOC EMISSIONS FROM LOADING OPERATIONS TO 0.08 POUNDS OR LESS PER 1000 GALLONS LOADED.
[RULE 462, 40CFR 63 SUBPART R]
- 6) THIS EQUIPMENT SHALL NOT BE USED TO LOAD OR UNLOAD ORGANIC LIQUIDS INTO ANY TRANSPORT VESSEL UNLESS THE VESSEL HAS A VALID CERTIFICATION OF VAPOR INTEGRITY AS DEFINED BY THE APPLICABLE AIR RESOURCES BOARD CERTIFICATION AND TEST PROCEDURES, PURSUANT TO CALIFORNIA HEALTH AND SAFETY CODE SECTION 41962(g).
[RULE 462, 40CFR 63 SUBPART R]
- 7) THE OPERATOR SHALL PERFORM AN INSPECTION OF THE VAPOR COLLECTION SYSTEM, THE VAPOR CONTROL SYSTEM, AND THE COMPONENTS AND FITTINGS OF THIS EQUIPMENT FOR VAPOR AND/OR LIQUID LEAKS. THE OPERATOR SHALL USE THE MEASURES FOR INSPECTION, REPORTING, MAINTENANCE, AND LEAK CRITERIA EQUIVALENT TO THOSE SPECIFIED IN AQMD RULE 1173 PER SETTLEMENT AGREEMENT BETWEEN AQMD AND ARCO PRODUCTS COMPANY AND ITS SUCCESSORS, DATED MARCH 15, 1991.
[RULE 462, 40CFR 63 SUBPART R, SETTLEMENT AGREEMENT]
- 8) THE OPERATOR SHALL RECORD ALL LEAKS, REPAIRS, AND REINSPECTIONS AS REQUIRED BY THE CONDITIONS OF THIS PERMIT, AND SUBMIT THOSE AS QUARTERLY OR ANNUAL INSPECTION REPORTS TO THE EXECUTIVE OFFICER, NO LATER THAN 30 DAYS AFTER THE END OF EACH QUARTER, OR 60 DAYS AFTER THE END OF EACH CALENDAR YEAR, RESPECTIVELY.
[RULE 462]



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

- 9) THE RECORDS REQUIRED BY CONDITIONS OF THIS PERMIT INCLUDING CARGO TANK INTEGRITY TESTS, PERIODIC LEAK INSPECTIONS, COMPONENT IDENTIFICATION, TYPE, SERVICE, LOCATION, LEAK RATE, DATE AND TIME OF INSPECTION AND REPAIR, REINSPECTIONS, AND MAINTENANCE, SHALL BE RETAINED AT THE FACILITY AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[RULE 462, 40CFR 63 SUBPART R]

Periodic Monitoring: NONE

Emissions and Requirements:

- 10) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- HAP/TOC: 10 MG/LITER OF GASOLINE LOADED, 40CFR 63 SUBPART R
VOC: 0.08 LB/1000 GALLONS OF ORGANIC LIQUID LOADED, RULE 462
VOC: RULE 1173 (PER SETTLEMENT AGREEMENT 3/15/1991)



FACILITY PERMIT TO OPERATE TESORO LOGISTICS, VINVALE TERMINAL

PERMIT TO OPERATE

Permit No. G29587
A/N 556623

Equipment Description:

BULK DIESEL LOADING RACK NO. 7 CONSISTING OF THE FOLLOWING:

1. TWO 4" BOTTOM LOADING ARMS WITH BREAKAWAY COUPLERS AND DRY BREAK CONNECTIONS.
2. TWO 3" VAPOR RETURN CONNECTIONS.
3. TWO TOTALIZING FLOW METERS.
4. TWO DIESEL PUMPS, EACH INLINE WITH MECHANICAL SEAL AND 100 HP MOTOR (COMMON TO LOADING RACKS 6 THROUGH 8).
5. SUMP TANK T-903, UNDERGROUND, 4,000 GALLON CAPACITY, 8' DIA. X 31' L. (COMMON TO LOADING RACKS 1 THROUGH 8).
6. TANK TK-120, UNDERGROUND, 7'-9" DIA. X 14'-8" L., 5,000 GALLON CAPACITY (COMMON TO LOADING RACKS 1 THROUGH 8).

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 LOADING RATE FOR ALL COMMODITIES AT THIS FACILITY SHALL NOT EXCEED 5,843,411 GALLONS PER DAY. THROUGHPUT SHALL BE MONITORED AND RECORDED BY AN AUTOMATED SYSTEM DESIGNED TO SHUT DOWN THE LOADING OPERATION WHEN THE LOADING RATE LIMIT IS REACHED.
[H & S Code §41954]
- 4) THE LOADING RATE FOR ALL COMMODITIES AT THIS FACILITY SHALL NOT EXCEED 7,000,000 GALLONS PER DAY. THROUGHPUT SHALL BE MONITORED AND RECORDED BY AN AUTOMATED SYSTEM DESIGNED TO SHUT DOWN THE LOADING OPERATION WHEN THE LOADING RATE LIMIT IS REACHED.
[RULE 462, RULE 1303(b)(2) - OFFSETS]



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

- 5) 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 TO OPERATE BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1) - BACT]

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC: RULE 1173 (PER SETTLEMENT AGREEMENT 3/15/1991)



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

PERMIT TO OPERATE

**Permit No. G29589
A/N 556624**

Equipment Description:

BULK DIESEL LOADING RACK NO. 8 CONSISTING OF THE FOLLOWING:

1. TWO 4" BOTTOM LOADING ARMS WITH BREAKAWAY COUPLERS AND DRY BREAK CONNECTIONS.
2. TWO 3" VAPOR RETURN CONNECTIONS.
3. TWO TOTALIZING FLOW METERS.
4. TWO DIESEL PUMPS, EACH INLINE WITH MECHANICAL SEAL AND 100 HP MOTOR (COMMON TO LOADING RACKS 6 THROUGH 8).
5. SUMP TANK T-903, UNDERGROUND, 4,000 GALLON CAPACITY, 8' DIA. X 31' L. (COMMON TO LOADING RACKS 1 THROUGH 8).
6. TANK TK-120, UNDERGROUND, 7'-9" DIA. X 14'-8" L., 5,000 GALLON CAPACITY (COMMON TO LOADING RACKS 1 THROUGH 8).

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 LOADING RATE FOR ALL COMMODITIES AT THIS FACILITY SHALL NOT EXCEED 5,843,411 GALLONS PER DAY. THROUGHPUT SHALL BE MONITORED AND RECORDED BY AN AUTOMATED SYSTEM DESIGNED TO SHUT DOWN THE LOADING OPERATION WHEN THE LOADING RATE LIMIT IS REACHED.
[H & S Code §41954]
- 4) THE LOADING RATE FOR ALL COMMODITIES AT THIS FACILITY SHALL NOT EXCEED 7,000,000 GALLONS PER DAY. THROUGHPUT SHALL BE MONITORED AND RECORDED BY AN AUTOMATED SYSTEM DESIGNED TO SHUT DOWN THE LOADING OPERATION WHEN THE LOADING RATE LIMIT IS REACHED.
[RULE 462, RULE 1303(b)(2) - OFFSETS]



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

- 5) 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 TO OPERATE BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1) - BACT]

Periodic Monitoring: NONE

Emissions and Requirements:

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

VOC: RULE 1173 (PER SETTLEMENT AGREEMENT 3/15/1991)



**FACILITY PERMIT TO OPERATE
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RULE 219 EQUIPMENT

Equipment Description:

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

Conditions:

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

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

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

[RULE 109, RULE 1113]

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

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



**FACILITY PERMIT TO OPERATE
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PERMITTED EQUIPMENT LIST

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

Application No.	Equipment Description	Page Number
	[NONE]	

NOTE: EQUIPMENT LISTED ABOVE ARE ISSUED PERMITS TO CONSTRUCT. THE ISSUANCE OR DENIAL OF THEIR PERMITS TO OPERATE IS SUBJECT TO ENGINEERING FINAL REVIEW. ANY OTHER APPLICATIONS THAT ARE STILL BEING PROCESSED AND HAVE NOT BEEN ISSUED PERMITS TO CONSTRUCT WILL NOT BE FOUND IN THIS TITLE V PERMIT.