



**FACILITY PERMIT TO OPERATE
TESORO REFINING AND MARKETING CO.**

| Equipment | ID No. | Connected To | RECLAIM Source Type / Monitoring Unit | Emissions and Requirements | Conditions |
|---|--------|--------------|---------------------------------------|--|---|
| PROCESS 19: MISCELLANEOUS | | | | | |
| SYSTEM 1 : FUEL STORAGE & DISPENSING | | | | | S13.8 |
| FUEL DISPENSING NOZZLE, GASOLINE 1 PRODUCT, EQUIPPED WITH PHASE II VAPOR RECOVERY SYSTEM, BALANCE RETRACTOR (G-70-52-AM). A/N: 470243, 565801 | D734 | | | VOC: (9)[RULE 461, Tesoro, Phase I, Phase II EVR Conditions, 8-5-2014] | D330.1 J110.1 |
| STORAGE TANK, ABOVEGROUND, NO 15W, CONVAULT (VR-301-F), RECTANGULAR, 11' - 0" L. X 5' - 8" W. X 4' - 0" H., GASOLINE 1,000 GALLON CAPACITY, EQUIPPED WITH A HUSKY 5885 PRESSURE/VACUUM RELIEF VALVE, AND A MORRISON BROTHERS PHASE I ENHANCED VAPOR RECOVERY (EVR) SYSTEM (VR-402-B). A/N: 470243, 565801 | D728 | | | VOC: (9)[RULE 461, Tesoro, Phase I, Phase II EVR Conditions, 8-5-2014] | C1.12, J109.1 J119.1 |
| SYSTEM 2 : FUEL STORAGE & DISPENSING | | | | | S13.8 |
| FUEL DISPENSING NOZZLE, GASOLINE 1 PRODUCT, EQUIPPED WITH PHASE II VAPOR RECOVERY SYSTEM, BALANCE RETRACTOR (G-70-52-AM). A/N: 469459 , 565802 | D1320 | | | VOC: (9)[RULE 461, Tesoro, Phase I, Phase II EVR Conditions, 8-5-2014] | D330.1 J110.1 |
| STORAGE TANK, ABOVEGROUND, NO 15W, CONVAULT (VR-301-F), RECTANGULAR, 11' - 0" L. X 5' - 8" W. X 4' - 0" H., GASOLINE 1,000 GALLON CAPACITY, EQUIPPED WITH A HUSKY 5885 PRESSURE/VACUUM RELIEF VALVE, AND A MORRISON BROTHERS PHASE I ENHANCED VAPOR RECOVERY (EVR) SYSTEM (VR-402-B). A/N: 469459 , 565802 | D1321 | | | VOC: (9)[RULE 461, Tesoro, Phase I, Phase II EVR Conditions, 8-5-2014] | C1.12, J109.1 J119.1 |



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- * (1) Denotes RECLAIM emission factor
 - (2) Denotes RECLAIM emission rate
 - (3) Denotes RECLAIM concentration limit
 - (4) Denotes BACT emission limit
 - (5)(5A)(5B) Denotes command and control emission limit
 - (6) Denotes air toxic control rule limit
 - (7) Denotes NSR applicability limit
 - (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 - (9) See App B for Emission Limits
 - (10) See Section J for NESHAP/MACT requirements
- ** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

SYSTEM CONDITIONS

S13.8 All devices under this system are subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|-------------|---------------|--------------|
| VOC | District Rule | 461 |

[~~RULE 461, 6-3-2005; RULE 461, 3-7-2008~~]

[Systems subject to this condition : Process 19, System 1 , 2]

DEVICE CONDITIONS

~~C1.12 The operator shall limit the unloading rate to no more than 30000 gallon(s) per month.~~

~~[RULE 1303(b)(2)-Offset, 5-10-1996]
[Devices subject to this condition : D728, D1321]~~

~~D330.1 The operator shall have a person that has been trained in accordance with Rule 461 conduct a semi-annual inspection of the gasoline transfer and dispensing equipment. The first inspection shall be in accordance with Rule 461, Attachment B, the second inspection shall be in accordance with Rule 461, Attachment C, and the subsequent inspections shall alternate protocols. The operator shall keep records of the inspection and the repairs in accordance to Rule 461 and Section K of this Permit.~~

~~[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 461, 6-3-2005; RULE 461, 3-7-2008]
[Devices subject to this condition : D734, D1320]~~

~~J109.1 The operator shall use, except for diesel transfer, the phase I vapor recovery system in full operation whenever this equipment is in use. This system shall be installed, operated and maintained to meet all CARB certification requirements.~~

~~[RULE 461, 6-3-2005; RULE 461, 3-7-2008]
[Devices subject to this condition : D728, D1321]~~

~~J110.1 The operator shall use, except for diesel transfer, the phase II vapor recovery system in full operation whenever gasoline from this equipment is dispensed to motor vehicles as defined in Rule 461. This system shall be installed, operated and maintained to meet all CARB certification requirements.~~

~~[RULE 461, 6-3-2005; RULE 461, 3-7-2008]~~



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~~J119.1 [Devices subject to this condition : D734, D1320]~~

~~A CARB certified pressure/vacuum relief valve shall be installed on the tank vent stack and shall be set as specified in G-70-116~~

~~[RULE 461, 6-3-2005; RULE 461, 3-7-2008]~~

~~[Devices subject to this condition : D728, D1321]~~



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APPENDIX B: RULE EMISSIONS LIMITS

[R461, Tesoro, Morrison Phase I EVR, Pre-EVR Phase II, VR/402]

SECTION I: GENERAL CONDITIONS

1. OPERATION OF THIS EQUIPMENT SHALL BE IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT WAS ISSUED, UNLESS OTHERWISE NOTED BELOW.
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.

SECTION II: PHASE I VAPOR RECOVERY SYSTEM AND TESTING REQUIREMENTS

3. EXCEPT FOR DIESEL TRANSFERS, PHASE I VAPOR RECOVERY SYSTEMS SHALL BE IN FULL OPERATION WHENEVER FUEL IS BEING TRANSFERRED INTO STORAGE TANKS.
4. A LEAK RATE AND CRACKING PRESSURE TEST OF PRESSURE/VACUUM RELIEF VENT VALVES SHALL BE CONDUCTED WITHIN TEN DAYS (10) AFTER THE START OF OPERATION OF THE PHASE I EVR EQUIPMENT AND AT LEAST ONCE EVERY THREE (3) YEARS THEREAFTER TO DETERMINE THE PRESSURE AND VACUUM AT WHICH THE PRESSURE/VACUUM VENT VALVE ACTUATES, AND TO DETERMINE THE VOLUMETRIC LEAK RATE AT A GIVEN PRESSURE. THE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH THE TEST PROCEDURE METHOD TP-201.1E (OCTOBER 8, 2003). RESULTS SHALL BE SUBMITTED TO THE SCAQMD, OFFICE OF ENGINEERING AND COMPLIANCE, WITHIN SEVENTY-TWO (72) HOURS OF TEST. THIS TEST RESULT SHALL BE KEPT ON SITE FOR THREE (3) YEARS AND MADE AVAILABLE TO DISTRICT REPRESENTATIVES UPON REQUEST.
5. A STATIC PRESSURE PERFORMANCE TEST SHALL BE CONDUCTED TO QUANTIFY THE VAPOR TIGHTNESS OF THE ABOVEGROUND STORAGE TANK. THE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH THE LATEST VERSION OF EXHIBIT 4 OF CARB EXECUTIVE ORDER VR-402, AS A PERFORMANCE TEST AND AS A REVERIFICATION TEST. RESULTS SHALL BE SUBMITTED TO THE SCAQMD, OFFICE OF ENGINEERING AND COMPLIANCE, WITHIN SEVENTY-TWO (72) HOURS OF TEST.

SECTION III: PHASE II VAPOR RECOVERY SYSTEM AND TESTING REQUIREMENTS

6. EXCEPT FOR DIESEL TRANSFERS, PHASE II VAPOR RECOVERY SYSTEMS SHALL BE IN FULL OPERATION WHENEVER FUEL IS BEING TRANSFERRED INTO MOTOR VEHICLES, AS DEFINED IN RULE 461.
7. IF THE CARB EXECUTIVE ORDER REQUIRES THE INSTALLATION OF A LIQUID REMOVAL DEVICE, A LIQUID REMOVAL RATE TEST SHALL BE CONDUCTED TO DEMONSTRATE THE REMOVAL OF GASOLINE FROM THE VAPOR PASSAGE OF THE COAXIAL HOSE. THE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH CARB TEST PROCEDURE METHOD TP-201.6 (APRIL 28, 2000) AS A PERFORMANCE TEST AND AS A REVERIFICATION TEST. RESULTS SHALL BE SUBMITTED TO THE SCAQMD, OFFICE OF ENGINEERING AND COMPLIANCE, WITHIN SEVENTY-TWO (72) HOURS OF TEST.



FACILITY PERMIT TO OPERATE TESORO REFINING AND MARKETING CO.

SECTION V: GENERAL REQUIREMENTS

8. ALL PHASE I AND PHASE II VAPOR RECOVERY EQUIPMENT AT THIS FACILITY SHALL BE INSTALLED, OPERATED AND MAINTAINED TO MEET ALL CALIFORNIA AIR RESOURCES BOARD CERTIFICATION REQUIREMENTS.
9. ALL PERMIT CONDITIONS APPLICABLE TO THE EQUIPMENT DESCRIBED IN THE PREVIOUS PERMIT TO OPERATE AN 470243 SHALL REMAIN IN EFFECT UNTIL THE NEW OR MODIFIED EQUIPMENT IS CONSTRUCTED AND OPERATED AS DESCRIBED IN THIS NEW PERMIT. THIS PERMIT TO CONSTRUCT/OPERATE SHALL BECOME INVALID IF THE MODIFICATION AS DESCRIBED IN THE EQUIPMENT DESCRIPTION HAS NOT BEEN COMPLETED WITHIN ONE YEAR FROM THE ISSUE DATE. IF THE MODIFICATION HAS NOT BEEN COMPLETED WITHIN ONE YEAR FROM THE ISSUE DATE OF THE PERMIT, A WRITTEN REQUEST SHALL BE SUBMITTED TO THE SCAQMD (ATTENTION: RANDY MATSUYAMA) TO REINSTATE THE PREVIOUSLY INACTIVATED PERMIT TO OPERATE. A NEW APPLICATION SHALL BE FILED IF THERE ARE PLANS TO CONTINUE WITH THE MODIFICATION. FURTHERMORE, THIS CONDITION DOES NOT ALLOW ANY TIME EXTENSIONS TO ANY MODIFICATIONS REQUIRED BY THE CALIFORNIA AIR RESOURCES BOARD OR SCAQMD.
10. NEW EQUIPMENT INSTALLATIONS AND SUBSEQUENT SERVICE AND REPAIRS FOR ANY CERTIFIED COMPONENT FOR WHICH THIS PERMIT WAS ISSUED, SHALL ONLY BE PERFORMED BY A CURRENT AND CERTIFIED PERSON WHO HAS SUCCESSFULLY COMPLETED THE MANUFACTURER'S TRAINING COURSE AND APPROPRIATE INTERNATIONAL CODE COUNCIL (ICC) CERTIFICATION. COMPLETION OF ANY SCAQMD TRAINING COURSE DOES NOT CONSTITUTE AS A SUBSTITUTE FOR THIS REQUIREMENT. PROOF OF SUCCESSFUL COMPLETION OF ANY MANUFACTURER TRAINING COURSE SHALL BE MADE AVAILABLE TO DISTRICT REPRESENTATIVES UPON REQUEST.
11. THE DISTRICT AT ITS DISCRETION MAY WISH TO WITNESS THE INSTALLATION AND/OR PERFORMANCE TESTING OF THE NEW VAPOR RECOVERY EQUIPMENT. AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO THE INSTALLATION OF THE EQUIPMENT AND ANY OF THE MENTIONED TESTING REQUIREMENTS IN THIS PERMIT, THE APPLICANT SHALL NOTIFY THE SCAQMD BY METHODS SPECIFIED AT THE TIME BY THE EXECUTIVE OFFICER. SUCH NOTIFICATION SHALL INCLUDE THE NAME OF THE OWNER OR OPERATOR; THE NAME OF THE CONTRACTOR; THE LOCATION OF THE FACILITY; AND THE SCHEDULED START AND COMPLETION DATES OF THE TESTS TO BE PERFORMED.
12. UNLESS SCAQMD RULE 461 REQUIRES A MORE FREQUENT TESTING OR INSPECTION SCHEDULE, THE OWNER/OPERATOR SHALL BE RESPONSIBLE TO PERFORM THE SCHEDULED WEEKLY, QUARTERLY, AND ANNUAL INSPECTIONS AS OUTLINED IN THE CARB APPROVED INSTALLATION, OPERATION, AND MAINTENANCE MANUAL FOR THE MORRISON BROS. PHASE I EVR SYSTEM, AS WELL AS ALL THE REQUIRED VAPOR RECOVERY SYSTEM TESTS AS PER THE CURRENT AND APPROPRIATE CARB EXECUTIVE ORDER.
13. AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO BACK-FILLING ANY UNDERGROUND PIPING, THE SCAQMD SHALL BE NOTIFIED BY METHODS SPECIFIED AT THE TIME BY THE EXECUTIVE OFFICER. SUCH NOTIFICATION SHALL INCLUDE THE NAME OF THE OWNER OR OPERATOR; THE NAME OF THE CONTRACTORS; THE LOCATION OF THE FACILITY; AND THE SCHEDULED START AND COMPLETION DATES OF THE BACK-FILLING PROCEDURE. THE BACK-FILLING PROCEDURE SHALL NOT COMMENCE UNTIL INSPECTED BY A DISTRICT REPRESENTATIVE.



FACILITY PERMIT TO OPERATE TESORO REFINING AND MARKETING CO.

14. THE SCAQMD SHALL BE NOTIFIED BY METHODS SPECIFIED AT THE TIME BY THE EXECUTIVE OFFICER AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO ANY OF THE ABOVE MENTIONED TESTING REQUIREMENTS. SUCH NOTIFICATION SHALL INCLUDE THE NAME OF THE OWNER OR OPERATOR; THE NAME OF THE CONTRACTOR; THE LOCATION OF THE FACILITY; AND THE SCHEDULED START AND COMPLETION DATES OF THE TESTS TO BE PERFORMED.
15. THE TESTING FOR THE ABOVE MENTIONED TESTS SHALL BE CONDUCTED IN ACCORDANCE WITH THE MOST RECENT RULE 461 AMENDMENT OR CARB EXECUTIVE ORDER REQUIREMENTS, WHICHEVER IS MORE STRINGENT.
16. A COPY OF THE PASS/FAIL TEST RESULTS SHALL BE SENT BY METHODS SPECIFIED AT THE TIME BY THE EXECUTIVE OFFICER WITHIN SEVENTY-TWO (72) HOURS AFTER EACH TEST IS CONDUCTED. FURTHERMORE, THE FINAL TEST RESULTS DEMONSTRATING COMPLIANCE SHALL BE SUBMITTED BY METHODS SPECIFIED AT THE TIME BY THE EXECUTIVE OFFICER WITHIN FOURTEEN (14) CALENDAR DAYS FROM THE DATE WHEN ALL TESTS WERE PASSED. THE TEST REPORT SHALL INCLUDE AT A MINIMUM ALL THE REQUIRED RECORDS OF ALL TESTS PERFORMED, TEST DATA, CURRENT SCAQMD FACILITY ID NUMBER OF THE LOCATION BEING TESTED, THE EQUIPMENT PERMIT TO OPERATE OR APPLICATION NUMBER, THE SCAQMD ID NUMBER OF THE COMPANY PERFORMING THE TESTS, A STATEMENT WHETHER THE SYSTEM OR COMPONENT TESTED MEETS THE REQUIRED STANDARDS, AND THE NAME, SCAQMD TESTER ID NUMBER AND SIGNATURE OF THE PERSON RESPONSIBLE FOR CONDUCTING THE TESTS.
17. ALL RECORDS AND TEST RESULTS THAT ARE REQUIRED TO BE MAINTAINED BY RULE 461 SHALL BE KEPT ON SITE AND MADE AVAILABLE TO DISTRICT REPRESENTATIVES UPON REQUEST.
18. THE OPERATOR SHALL HAVE A PERSON THAT HAS BEEN TRAINED IN ACCORDANCE WITH RULE 461, CONDUCT A SEMI-ANNUAL INSPECTION OF THE GASOLINE TRANSFER AND DISPENSING EQUIPMENT. THE FIRST INSPECTION SHALL BE IN ACCORDANCE WITH RULE 461, ATTACHMENT B, THE SECOND INSPECTION SHALL BE IN ACCORDANCE WITH RULE 461, ATTACHMENT C, AND THE SUBSEQUENT INSPECTIONS SHALL ALTERNATE PROTOCOLS. THE OPERATOR SHALL KEEP RECORDS OF THE INSPECTION AND THE REPAIRS IN ACCORDANCE TO RULE 461 AND SECTION K OF THIS PERMIT.

SECTION VI: GASOLINE THROUGHPUT REQUIREMENTS

19. THE MAXIMUM QUANTITY OF GASOLINE DISPENSED FROM THE STORAGE TANK AT THIS FACILITY SHALL NOT EXCEED 30,000 GALLONS IN ANY ONE CALENDAR MONTH NOR 360,000 GALLONS IN ANY ONE CALENDAR YEAR.
20. RECORDS OF MONTHLY AND ANNUAL FUEL DISPENSED SHALL BE PREPARED, SHALL BE RETAINED ON SITE FOR TWO YEARS, AND SHALL BE MADE AVAILABLE TO DISTRICT REPRESENTATIVES UPON REQUEST.
21. THE OWNER/OPERATOR SHALL SUBMIT THE FACILITY'S MONTHLY GASOLINE THROUGHPUT DATA FOR THE PREVIOUS CALENDAR YEAR TO THE EXECUTIVE OFFICER ON OR BEFORE MARCH 1 FOLLOWING EACH CALENDAR YEAR.