

FACILITY PERMIT TO OPERATE CHEVRON PRODUCTS CO.

DRAFT PERMIT TO OPERATE (CHANGE OF CONDITIONS)

P/O TBD
A/N 564021

Equipment Description:

VAPOR RECOVERY SYSTEM, JOHN ZINK, MODEL AA1218-8-12, CAPACITY 300 CFM, SERVING BULK LOADING TERMINAL NOS. 1, 2, 3 AND 4 AND STORAGE TANK NUMBERS 2, 3, 4 AND 5 CONSISTING OF:

1. TWO CARBON ADSORBERS, EACH 8'-0" DIA. X 13'-0" H.
2. ABSORBER, PACKED TOWER, 3'-0" DIA. X 12'-0" H.
3. SEPARATOR, 5'-0" DIA. X 10'-0" L.
4. TWO VACUUM PUMPS, EACH 60-HP.
5. GASOLINE SUPPLY PUMP, CENTRIFUGAL, 15-HP.
6. GASOLINE RETURN PUMP, CENTRIFUGAL, 10-HP.
7. SEAL FLUID CIRCULATION PUMP, CENTRIFUGAL, 5-HP.
8. SEAL FLUID EXCHANGER.
9. VAPOR HOLDING TANK, 10'-0" DIA. X 24'-0" H., 30,000 CUBIC FEET CAPACITY, WITH AND INTERNAL FLEXIBLE DIAPHRAGM.
10. BLOWER, CENTRIFUGAL, 5-HP.

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 VAPOR RECOVERY SYSTEM SHALL BE IN SERVICE WHENEVER THE EQUIPMENT IT SERVES IS IN OPERATION OR IS BEING EVACUATED FOR A CHANGE IN SERVICE OR CLEANOUT, TO COMPLY WITH RULE 1149 REQUIREMENTS (FOR R-1149 CHEVRON MAY CONTRACT A DISTRICT PERMITTED DEGASSING OPERATOR.)
[RULE 1149]
4. THE TOTAL GAS FLOW RATE TO THE VAPOR RECOVERY SYSTEM SHALL NOT EXCEED 300 SCFM. A FLOW INDICATOR SHALL BE USED TO VERIFY COMPLIANCE WITH THIS CONDITION.
[RULE 1303(b)(2)-OFFSETS]
5. THE VOLATILE ORGANIC COMPOUND (VOC) CONCENTRATION AT THE EXHAUST OF THE AIR POLLUTION CONTROL SYSTEM SHALL NOT EXCEED 1.9%, MEASURED AS PROPANE ON AN INSTANTANEOUS BASIS, OR 0.64%, MEASURED AS PROPANE BASED ON A ROLLING 15 MINUTE AVERAGE. UPON MEASUREMENT OF THE VOC CONCENTRATION EXCEEDING

**FACILITY PERMIT TO OPERATE
CHEVRON PRODUCTS CO.**

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

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 CHEVRON PRODUCTS CO.

DRAFT PERMIT TO OPERATE (CHANGE OF CONDITIONS)

P/O TBD
A/N 564021

Equipment Description:

VAPOR RECOVERY SYSTEM, JOHN ZINK, MODEL AA1218-8-12, CAPACITY 300 CFM, SERVING BULK LOADING TERMINAL NOS. 1, 2, 3 AND 4 AND STORAGE TANK NUMBERS 2, 3, 4 AND 5 CONSISTING OF:

1. TWO CARBON ADSORBERS, EACH 8'-0" DIA. X 13'-0" H.
2. ABSORBER, PACKED TOWER, 3'-0" DIA. X 12'-0" H.
3. SEPARATOR, 5'-0" DIA. X 10'-0" L.
4. TWO VACUUM PUMPS, EACH 60-HP.
5. GASOLINE SUPPLY PUMP, CENTRIFUGAL, 15-HP.
6. GASOLINE RETURN PUMP, CENTRIFUGAL, 10-HP.
7. SEAL FLUID CIRCULATION PUMP, CENTRIFUGAL, 5-HP.
8. SEAL FLUID EXCHANGER.
9. VAPOR HOLDING TANK, 10'-0" DIA. X 24'-0" H., 30,000 CUBIC FEET CAPACITY, WITH AND INTERNAL FLEXIBLE DIAPHRAGM.
10. BLOWER, CENTRIFUGAL, 5-HP.

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 VAPOR RECOVERY SYSTEM SHALL BE IN SERVICE WHENEVER THE EQUIPMENT IT SERVES IS IN OPERATION OR IS BEING EVACUATED FOR A CHANGE IN SERVICE OR CLEANOUT, TO COMPLY WITH RULE 1149 REQUIREMENTS (FOR R-1149 CHEVRON MAY CONTRACT A DISTRICT PERMITTED DEGASSING OPERATOR.)
[RULE 1149]
4. THE TOTAL GAS FLOW RATE TO THE VAPOR RECOVERY SYSTEM SHALL NOT EXCEED 300 SCFM. A FLOW INDICATOR SHALL BE USED TO VERIFY COMPLIANCE WITH THIS CONDITION.
[RULE 1303(b)(2)-OFFSETS]
5. THE VOLATILE ORGANIC COMPOUND (VOC) CONCENTRATION AT THE EXHAUST OF THE AIR POLLUTION CONTROL SYSTEM SHALL NOT EXCEED 1.9%, MEASURED AS PROPANE ON AN INSTANTANEOUS BASIS, OR 0.64%, MEASURED AS PROPANE BASED ON A ROLLING 15 MINUTE AVERAGE. UPON MEASUREMENT OF THE VOC CONCENTRATION EXCEEDING

FACILITY PERMIT TO OPERATE CHEVRON PRODUCTS CO.

ANY ONE OF THESE LIMITS, VENTING OF VAPORS TO THE CARB ADSORBERS SHALL CEASE FOR AT LEAST A PERIOD EQUAL TO ONE COMPLETE CLEANING CYCLE OF BOTH CARB ADSORBERS (30 MINUTES ON A 15 MINUTE CYCLE TIME). VENTING TO CARB ADSORBERS SHALL NOT RESUME UNTIL THE VOC CONCENTRATION AT THE EXHAUST IS BELOW BOTH LIMITS.

[RULE 462]

6. THE VAPOR HOLDING TANK MAY BE BYPASSED FOR THE PURPOSES OF CARB CERTIFICATION TESTING. THE SCAQMD SHALL BE NOTIFIED OF THE DATE AND TIME OF EACH TEST AT LEAST 10 DAYS PRIOR TO THE DATE THE TEST IS SCHEDULED TO BE CONDUCTED. TEST REPORTS AND RESULTS OF THE TESTS SHALL BE SUBMITTED TO THE SCAQMD NO LATER THAN 90 DAYS AFTER THE SOURCE TESTS IS CONDUCTED.
7. UPON CARB FINAL DETERMINATION FROM SOURCE TESTING, IF CARB CERTIFIES A MAXIMUM PRODUCT THROUGHPUT IN BYPASS MODE THAT IS LESS THEN THE EXISTING LIMIT THEN CHEVRON SHALL SUBMIT TO THE SCAQMD APPLICATIONS FOR LOADING RACKS TO UPDATE THE ALLOWABLE PRODUCT THROUGHPUT BASED ON TEST RESULTS.
8. AFTER CARB CERTIFICATION, AND REVIEW AND APPROVAL BY THE SCAQMD, THE VAPOR HOLDING TANK MAY BE BYPASSED DURING PERIODS OF MAINTENANCE, REPAIR, BREAKDOWNS, TESTING OR OTHER TIMES DEEMED APPROPRIATE IN WRITING BY THE SCAQMD. VOC EMISSIONS SHALL NOT EXCEED 0.08 POUNDS PER 1,000 GALLONS OF ORGANIC LIQUID LOADED WHILE THE VAPOR HOLDING TANK IS BYPASSED. THE OPERATOR SHALL KEEP RECORDS OF THE DATES AND DURATIONS WHEN THE VAPOR HOLDING TANK IS IN BYPASS MODE.
[RULE 462, RULE 463]

Periodic Monitoring:

9. THE OPERATOR SHALL MONITOR THE LEAKS OF THE VAPOR RECOVERY SYSTEM ACCORDING TO RULE 1173.
[RULE 463, 3004(a)(4)-PERIODIC MONITORING]
10. THE OPERATOR SHALL CONDUCT SOURCE TEST(S) FOR VOC EMISSIONS. THE TEST(S) SHALL BE CONDUCTED SIMULTANEOUSLY AT THE INLET AND OUT LET OF THE AIR POLLUTION CONTROL EQUIPMENT AND SHALL DEMONSTRATE AN EFFICIENCY OF AT LEAST 95 PERCENT. THE TESTS SHALL BE CONDUCTED AT LEAST ONCE EVERY 60 CALENDAR MONTHS.
[RULE 463, 3004(a)(4)-PERIODIC MONITORING]

Emissions and Requirements:

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

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