FACILITY PERMIT TO OPERATE
PHILLIPS 66 LOS ANGELES TERMINAL

PERMIT TO OPERATE

Permit No.
A/N 546861

Equipment Description:

SOIL VAPOR EXTRACTION AND TREATMENT SYSTEM, FOR NON-HALOGENATED HYDROCARBON IN-SITU SOIL REMEDIATION ONLY CONSISTING OF:

1. VAPOR EXTRACTION WELL(S) AND DUCT(S).

2. ONE VAPOR-LIQUID SEPARATOR.

3. EXTRACTION BLOWERS, WITH A MAXIMUM FLOW RATE OF 500 SCFM.

4. THERMAL OXIDIZER, SOLLECO, MODEL 500, SERIAL NO. C1126, DIRECT GAS FIRED, WITH A 550,000 BTU/HR ECLIPSE, MODEL WX0050, NATURAL GAS BURNER WITH SUPPLEMENTAL FIRING AND A FULLY MODULATING AUTOMATIC TEMPERATURE CONTROL SYSTEM.

5. CATALYTIC OXIDIZER MODULE, MONOLITH CATALYST, 0.96 CUBIC FEET OF ACTIVE VOLUME, WITH A FULLY MODULATING TEMPERATURE CONTROL SYSTEM.

6. EXHAUST STACK, MINIMUM HEIGHT OF 13 FEET ABOVE GRADE, WITHOUT A WEATHER CAP.

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. UPON COMPLETION, ANY VAPOR EXTRACTION WELLS AND DUCTS SHALL BE CAPPED TO PREVENT VAPORS FROM VENTING TO THE ATMOSPHERE. VAPORS SHALL NOT BE EXTRACTED FROM THE SOIL UNLESS THEY ARE VENTED TO THE VAPOR CONTROL SYSTEM, WITH NO DETECTABLE LEAK BETWEEN THE OUTLET OF THE BLOWER AND THE OUTLET OF THE VAPOR CONTROL SYSTEM.
[RULE 1303(a)(1)-BACT]

4. AN IDENTIFICATION TAG OR NAMEPLATE SHALL BE DISPLAYED ON THE EQUIPMENT TO SHOW MANUFACTURER MODEL NO. AND SERIAL NO. THE TAG(S) OR PLATE(S) SHALL BE ISSUED BY THE MANUFACTURER AND SHALL BE ADHERED TO THE EQUIPMENT IN A PERMANENT AND CONSPICUOUS POSITION.
[RULE 204]

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5. A COPY OF THIS PERMIT, THE CURRENT CONTACT PERSON NAME, PHONE NUMBER, AND COMPANY NAME SHALL BE DISPLAYED IN A PERMANENT AND CONSPICUOUS LOCATION NEAR THE EQUIPMENT.
[RULE 204]

6. A FLOW INDICATOR SHALL BE INSTALLED AND MAINTAINED AT ALL INLET STREAMS TO THE VAPOR CONTROL SYSTEM TO INDICATE THE TOTAL AIR FLOW RATE IN CUBIC FEET PER MINUTE (CFM). THE TOTAL FLOW RATE SHALL NOT EXCEED 500 SCFM. IF A PRESSURE SENSOR DEVICE IS USED IN PLACE OF THE FLOW INDICATOR, A CONVERSION CHART SHALL BE MADE AVAILABLE TO INDICATE THE CORRESPONDING FLOW RATE, IN CFM, TO THE PRESSURE READING. THE FLOW RATE SHALL BE RECORDED ON EACH MONITORING VISIT.
[RULE 1303(b)(2)-OFFSETS]

7. VOLATILE ORGANIC COMPOUNDS (VOCS) SHALL BE MEASURED AT THE OUTLET OF THE OXIDIZER DAILY DURING THE FIRST SEVEN DAYS OF OPERATION, THEN AT LEAST ONCE A WEEK THEREAFTER. THE OPERATOR SHALL USE A PID, FID OR OTHER AQMD APPROVED ORGANIC VAPOR ANALYZER (OVA) CALIBRATED IN PARTS PER MILLION BY VOLUME (PPMV) EXPRESSED AS HEXANE. CALIBRATIONS SHALL BE PERFORMED IN CONJUNCTION WITH EACH MONITORING EVENT. THE INSTRUMENT SHALL BE MAINTAINED AND CALIBRATED PER EPA METHOD 21.
[RULE 1303(b)(2)-OFFSETS]

8. SAMPLES SHALL BE COLLECTED AND ANALYZED ONCE DURING THE FIRST WEEK OF OPERATION FOR VOLATILE ORGANIC COMPOUNDS IN PPMV AS HEXANE AND SPECIATED FOR BENZENE AND MTBE (AND OTHER TOXIC COMPOUNDS AS REQUIRED IN (E)) AS FOLLOWS:

   A. BAG/SUMMA CANISTER SAMPLES SHALL BE COLLECTED AT THE INLET AND OUTLET OF THE OXIDIZER.

   B. SAMPLING AND ANALYSIS SHALL BE CONDUCTED BY AN INDEPENDENT LABORATORY PER RULE 304.

   C. SAMPLING SHALL CONFORM TO CARB METHOD 422 OR EQUIVALENT. SAMPLES WITH HIGH MOISTURE SHALL BE COLLECTED USING AN APPROPRIATE METHOD SUCH AS SCAQMD METHOD 25.1/25.3 OR OTHER METHODS APPROVED BY SCAQMD.

   D. ANALYSIS SHALL BE CONDUCTED USING EPA METHOD 8015/8021 AND EPA METHOD 8260 OR OTHER METHOD APPROVED BY SCAQMD.

   E. THE INLET SAMPLE SHALL ALSO BE ANALYZED FOR ALL VOLATILE ORGANIC COMPOUNDS THAT WERE BOTH DETECTED BY THE PHASE II SITE ASSESSMENT (SOIL AND GROUNDWATER CHARACTERIZATION STUDIES) AND FOUND ON THE RULE 1401 COMPOUND LIST. IF NO ASSESSMENTS OF SOIL OR GROUNDWATER EXIST, THE INLET SAMPLE SHALL BE ANALYZED FOR ALL VOLATILE ORGANIC COMPOUNDS LISTED IN SCAQMD RULE 1401, UNLESS OTHERWISE APPROVED IN WRITING BY SCAQMD.

[RULE 1303(b)(2)-OFFSETS, RULE 1401]

9. SAMPLES SHALL BE COLLECTED AND ANALYZED ONCE A MONTH FOR VOLATILE ORGANIC COMPOUNDS IN PPMV AS HEXANE AND SPECIATED FOR BENZENE AND MTBE AS FOLLOWS:

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A. BAG/SUMMA CANISTER SAMPLES SHALL BE COLLECTED AT THE INLET AND OUTLET OF THE OXIDIZER.

B. SAMPLING SHALL CONFORM TO CARB METHOD 422 OR EQUIVALENT. SAMPLES WITH HIGH MOISTURE SHALL BE COLLECTED USING AN APPROPRIATE METHOD SUCH AS SCAQMD METHOD 25.1/25.3 OR OTHER METHODS APPROVED BY SCAQMD.

C. ANALYSIS SHALL BE CONDUCTED USING EPA METHOD 8015/8021 AND EPA METHOD 8260 OR OTHER METHOD APPROVED BY SCAQMD.
[RULE 1303(b)(2)-OFFSETS, RULE 1401]

10. THE VOC CONCENTRATION AT THE OUTLET OF THE VAPOR CONTROL SYSTEM SHALL NOT EXCEED 20 PPMV MEASURED AS HEXANE.
[RULE 1303(b)(2)-OFFSETS]

11. THE BENZENE CONCENTRATION AT THE OUTLET OF THE VAPOR CONTROL SYSTEM SHALL NOT EXCEED 0.07 PPMV.
[RULE 1401]

12. THE METHYL T-BUTYL ETHER (MTBE) CONCENTRATION AT THE OUTLET OF THE VAPOR CONTROL SYSTEM SHALL NOT EXCEED 0.2 PPMV.
[RULE 1401]

13. THE FUEL COMBUSTION NOX CONCENTRATION OF THIS EQUIPMENT SHALL NOT EXCEED 60 PPMV AS REQUIRED IN RULE 1147.
[RULE 1147]

14. THE LABORATORY DETECTION LIMITS FOR BENZENE AND MTBE SHALL BE LOWER THAN THE EMISSION LIMITS SPECIFIED IN CONDITIONS NO. 11 AND 12.
[RULE 1401]

15. A BLOWER SHUT-DOWN INTERLOCK SHALL BE INSTALLED AND MAINTAINED TO AUTOMATICALLY SHUT DOWN THE BLOWER WHENEVER THE MINIMUM OPERATING TEMPERATURES SPECIFIED IN THIS PERMIT ARE NOT ACHIEVED.
[RULE 1303(b)(2)-OFFSETS]

16. THE OPERATOR SHALL SUBMIT IN WRITING THE RESULTS OF THE FIRST MONTH OF MONITORING, GRAB SAMPLES' ANALYSIS, THE WEEKLY VAPOR INLET FLOW RATE READINGS (SCFM), AND THE INITIAL VERIFICATION OF SOIL CHARACTERIZATION ANALYSIS. THE RESULTS SHALL BE SUBMITTED TO THE ATTENTION OF:

SCAQMD, REFINERY AND WASTE MANAGEMENT TEAM, 21865 COPLEY DRIVE, DIAMOND BAR, CA 91765. THE SUBMITTAL SHALL INCLUDE A COPY OF THE ACTIVE PERMIT.
[RULE 204, RULE 1303(b)(2)-OFFSETS]

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17. PRIOR TO OPERATING THIS EQUIPMENT UNDER WHICH THIS PERMIT IS GRANTED, THE OPERATOR SHALL NOTIFY SCAQMD BY SUBMITTING A RULE 1166 NOTIFICATION FORM WITH THE APPROPRIATE FEES AS PER THE FORM INSTRUCTIONS. THE NOTIFICATION INFORMATION SHALL INCLUDE:

    1. THE PERMIT NUMBER OF THE EQUIPMENT.

    2. THE NAME AND PHONE NUMBER OF A CONTACT PERSON.

    3. THE PROJECT START DATE AND THE ESTIMATED PROJECT COMPLETION DATE.
    [RULE 1166]

18. RECORDS SHALL BE KEPT TO PROVE COMPLIANCE WITH ALL THE PERMIT CONDITIONS OF THIS PERMIT. RECORDS SHALL BE MAINTAINED ON FILE FOR AT LEAST TWO YEARS AND MADE AVAILABLE TO THE AQMD PERSONNEL UPON REQUEST.
[RULE 204, RULE 1303(b)(2)-OFFSETS, RULE 1303(a)(1)-BACT]

Periodic Monitoring:

19. TEMPERATURE INDICATOR AND RECORDING DEVICES WITH AN ACCURACY OF PLUS OR MINUS 20 DEGREES FAHRENHEIT SHALL BE MAINTAINED AT THE OUTLET OF THE THERMAL OXIDIZER. THE TEMPERATURE AT THE OUTLET OF THE THERMAL OXIDIZER SHALL NOT BE LESS THAN 1400 DEGREES FAHRENHEIT, WHENEVER THE VAPOR CONTROL SYSTEM IS OPERATING IN THE THERMAL MODE.
[RULE 1303(a)(1)-BACT, 3004(a)(4) PERIODIC MONITORING]

20. TEMPERATURE INDICATOR AND RECORDING DEVICES WITH AN ACCURACY OF PLUS OR MINUS 15 DEGREES FAHRENHEIT SHALL BE MAINTAINED AT THE INLET OF THE CATALYST BED. WHENEVER THE VAPOR CONTROL SYSTEM IS OPERATING IN THE CATALYTIC MODE THE TEMPERATURE AT THE INLET OF THE CATALYST BED SHALL NOT BE LESS THAN 650 DEGREES FAHRENHEIT, AND THE TEMPERATURE AT THE OUTLET SHALL NOT BE GREATER THAN 1200 DEGREES FAHRENHEIT.
[RULE 1303(a)(1)-BACT, 3004(a)(4) PERIODIC MONITORING]

21. THE TEMPERATURE RECORDING DEVICE SHALL CONTAIN A CONTINUOUS MONITORING STRIP CHART OR DIGITAL DATA ACQUISITION SYSTEM.
[RULE 1303(a)(1)-BACT, 3004(a)(4) PERIODIC MONITORING]

22. AN ANNUAL CATALYST ACTIVITY TEST SHALL BE PERFORMED TO DEMONSTRATE THE CATALYST MEETS MANUFACTURER SPECIFICATIONS.
[RULE 1303(a)(1)-BACT, 3004(a)(4) PERIODIC MONITORING]

Emissions and Requirements:

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

    VOC: RULE 1166
    NOX: RULE 1147

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PERMIT TO OPERATE

Permit No.
A/N 540219

Equipment Description:

AIR POLLUTION CONTROL SYSTEM NO. 1, CONSISTING OF:

1. TWO CARBON ADSORBERS, 25,520 POUNDS EACH, WITH REGENERATION SYSTEM, MCGILL, MODEL MR 1004, SERIAL NO. 70295, 800 CFM CAPACITY, CONSISTING OF:

   A. ONE COOLING WATER PUMP, CENTRIFUGAL, MECHANICAL SEAL, 3-HP, COMMON TO AIR POLLUTION CONTROL SYSTEM NO. 2.

   B. TWO VACUUM PUMPS (ONE SPARE), MECHANICAL SEALS, 75-HP EACH.

   C. SEAL FLUID RECIRCULATION PUMP, 3-HP.

   D. GASOLINE RETURN PUMP, CENTRIFUGAL, MECHANICAL SEALS, 10-HP.

   E. GASOLINE (ABSORBENT) SUPPLY PUMP, CENTRIFUGAL, MECHANICAL SEALS 15-HP.

   F. COMBINED ABSORBER (3' DIA. X 10' H.)/SEPARATOR (4'-6" DIA. X 10'-0" L).

   G. SEAL FLUID HEAT EXCHANGER, SHELL AND TUBE TYPE.

2. KNOCK-OUT SUMP TANK, 750 GALLONS CAPACITY, ABOVE-GROUND, VENTED TO CARBON ADSORBERS, COMMON TO AIR POLLUTION CONTROL SYSTEM NO. 2.

3. KNOCK-OUT GASOLINE PUMP, CENTRIFUGAL, MECHANICAL SEALS, 1.5-HP, COMMON TO AIR POLLUTION CONTROL SYSTEM NO. 2.

4. EXHAUST SYSTEM CONSISTING OF TWELVE VAPOR PICK-UP LINES AND A COLLECTION HEADER, COMMON TO AIR POLLUTION CONTROL SYSTEM NO. 2 SERVING LOADING RACKS 1, 2, 3, 4, 5, & 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]

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2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3. THE MAXIMUM GASOLINE LOADING RATE AT THIS FACILITY SHALL NOT EXCEED 108,450,000 GALLONS IN ANY ONE CALENDAR MONTH.

THE OPERATOR SHALL MAINTAIN RECORDS IN A MANNER APPROVED BY THE AQMD, TO DEMONSTRATE COMPLIANCE WITH THIS CONDITION.
[RULE 1303(b)(2)-OFFSETS]

4. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 4,613,269 GALLONS PER DAY. TO COMPLY WITH THIS CONDITION, THE OPERATOR SHALL INSTALL AND MAINTAIN A TOTALIZING FLOW METER TO ACCURATELY INDICATE THE THROUGHPUT OF THE LOADING RACK.

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

THE OPERATOR SHALL COMPLY WITH THIS THROUGHPUT LIMIT TO COMPLY WITH RULE 462(d)(1)(A), WHICH IS THE CURRENT CALIFORNIA AIR RESOURCES BOARDS CERTIFICATION (CARB) LIMIT. THIS LIMIT MAY BE MODIFIED AT A LATER DATE BASED ON A NEW CARB OR AQMD CERTIFICATION.
[RULE 462, RULE 1303(a)(1)-BACT]

5. DURING ANY NORMAL LOADING OPERATION, THE AIR POLLUTION CONTROL SYSTEMS 1 AND 2 SHALL BE IN FULL OPERATION AT ALL TIMES.

WHEN ONLY ONE AIR POLLUTION CONTROL SYSTEM IS IN OPERATION FOR ANY LENGTH OF TIME, THE LOADING SHALL BE LIMITED TO FOUR LOADING LANES ONLY. THE LOADING RATE SHALL NOT EXCEED THE DAILY LIMIT CALCULATED AS FOLLOWS:

[(4,613,269 X NO. OF HOURS BOTH AIR POLLUTION CONTROL SYSTEMS WERE IN OPERATION) + (2,180,000 X NO. OF HOURS ONLY ONE AIR POLLUTION CONTROL SYSTEM WAS IN OPERATION)] / 24.

WHERE 2,180,000 GALLONS PER DAY IS THE DAILY LIMIT WHEN ONLY ONE AIR POLLUTION CONTROL SYSTEM IS IN OPERATION.

DAILY RECORDS WHEN ONE AIR POLLUTION CONTROL SYSTEM AND BOTH AIR POLLUTION CONTROL SYSTEMS WERE IN OPERATION SHALL BE MAINTAINED AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE UPON REQUEST.
[RULE 1303(B)(2)-OFFSETS]

6. THE CONTINUOUS HYDROCARBON MONITORING SYSTEM SHALL BE IN FULL USE AT ALL TIMES AND SHALL ALERT THE OPERATOR BOTH AUDIBLY AND VISUALLY TO STOP VENTING TO THE AIR POLLUTION CONTROL SYSTEM WHEN THE HYDROCARBON CONCENTRATION IN THE AIR POLLUTION CONTROL EXHAUST IS IN EXCESS OF PERMITTED LIMIT(S).
[RULE 462]

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7. DAILY AND MONTHLY THROUGHPUT RECORDS, CEMS DATA INCLUDING, BUT NOT LIMITED TO, THE STRIP CHART, CALIBRATION LOG, TROUBLESHOOTING LOG, ETC., SHALL BE MAINTAINED AND MADE AVAILABLE UPON THE REQUEST OF AQMD PERSONNEL.
[RULE 462]

8. THE OPERATOR SHALL CONDUCT SOURCE TEST(S) TO DETERMINE THE TOTAL VOC EMISSION RATE IN POUNDS VOC PER 1000 GALLONS GASOLINE LOADED UNDER ROUTINE LOADING CONDITIONS. THE TOTAL QUANTITY OF GASOLINE LOADED AT EACH RACK DURING THE TEST SHALL BE MEASURED AND RECORDED. THE TEST(S) SHALL BE CONDUCTED AT LEAST ONCE EVERY 60 CALENDAR MONTHS.
[RULE 462, RULE 3004(A)(4) PERIODIC MONITORING]

9. A SOURCE TEST CONDUCTED BY CARB CAN BE SUBSTITUTED FOR COMPLIANCE DETERMINATION.
[RULE 204, RULE 462]

10. THE FACILITY SHALL INSTALL AND MAINTAIN A CONTINUOUS EMISSION MONITORING SYSTEM (CEMS) IN COMPLIANCE WITH AN AQMD APPROVED RULE 462 COMPLIANCE PLAN.
[RULE 462]

Periodic Monitoring:

11. THE AIR POLLUTION CONTROL SYSTEM SHALL BE MONITORED FOR LEAKS ACCORDING TO RULE 1173.
[RULE 463, RULE 3004 (a)(4) - PERIODIC MONITORING]

12. THE OPERATOR SHALL CONDUCT SOURCE TEST(S) FOR VOC EMISSIONS. THE TEST(S) SHALL BE CONDUCTED SIMULTANEOUSLY AT THE INLET AND OUTLET OF THE AIR POLLUTION CONTROL EQUIPMENT. THE TEST(S) SHALL BE CONDUCTED AT LEAST ONCE EVERY 60 CALENDAR MONTHS.
[RULE 463, RULE 1303(a)(1) BACT, 3004(a)(4) PERIODIC MONITORING]

Emissions and Requirements:

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

    VOC: 0.08 LBS/1000 GALLONS ORGANIC LIQUID LOADED, RULE 462
    VOC: 35 MG/LITER GASOLINE LOADED, 40CFR60 SUBPART XX
    VOC: 95% CONTROL EFFICIENCY, RULE 463

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PERMIT TO OPERATE

Permit No.
A/N 540221

Equipment Description:

AIR POLLUTION CONTROL SYSTEM NO. 2, CONSISTING OF:

1. TWO CARBON ADSORBERS, 25,520 POUNDS EACH, WITH REGENERATION SYSTEM, MCGILL, MODEL MR 1004, SERIAL NO. 210106, 800 CFM CAPACITY, CONSISTING OF:

   A. ONE COOLING WATER PUMP, CENTRIFUGAL, MECHANICAL SEAL, 3-HP, COMMON TO AIR POLLUTION CONTROL SYSTEM NO. 1.

   B. TWO VACUUM PUMPS (ONE SPARE), MECHANICAL SEALS, 75-HP EACH.

   C. SEAL FLUID RECIRCULATION PUMP, 3-HP.

   D. GASOLINE RETURN PUMP, CENTRIFUGAL, MECHANICAL SEALS, 10-HP.

   E. GASOLINE (ABSORBENT) SUPPLY PUMP, CENTRIFUGAL, MECHANICAL SEALS 15-HP.

   F. COMBINED ABSORBER (3' DIA. X 10' H.)/SEPARATOR (4'-6" DIA. X 10'-0" L).

   G. SEAL FLUID HEAT EXCHANGER, SHELL AND TUBE TYPE.

2. KNOCK-OUT SUMP TANK, 750 GALLONS CAPACITY, ABOVE-GROUND, VENTED TO CARBON ADSORBERS, COMMON TO AIR POLLUTION CONTROL SYSTEM NO. 1.

3. KNOCK-OUT GASOLINE PUMP, CENTRIFUGAL, MECHANICAL SEALS, 1.5-HP, COMMON TO AIR POLLUTION CONTROL SYSTEM NO. 1.

4. EXHAUST SYSTEM CONSISTING OF TWELVE VAPOR PICK-UP LINES AND A COLLECTION HEADER, COMMON TO AIR POLLUTION CONTROL SYSTEM NO. 1 SERVING LOADING RACKS 1, 2, 3, 4, 5, & 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]

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3. THE MAXIMUM GASOLINE LOADING RATE AT THIS FACILITY SHALL NOT EXCEED 108,450,000 GALLONS IN ANY ONE CALENDAR MONTH.

   THE OPERATOR SHALL MAINTAIN RECORDS IN A MANNER APPROVED BY THE AQMD, TO DEMONSTRATE COMPLIANCE WITH THIS CONDITION.
   [RULE 1303(b)(2)-OFFSETS]

4. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 4,613,269 GALLONS PER DAY. TO COMPLY WITH THIS CONDITION, THE OPERATOR SHALL INSTALL AND MAINTAIN A TOTALIZING FLOW METER TO ACCURATELY INDICATE THE THROUGHPUT OF THE LOADING RACK.

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

   THE OPERATOR SHALL COMPLY WITH THIS THROUGHPUT LIMIT TO COMPLY WITH RULE 462(d)(1)(A), WHICH IS THE CURRENT CALIFORNIA AIR RESOURCES BOARDS CERTIFICATION (CARB) LIMIT. THIS LIMIT MAY BE MODIFIED AT A LATER DATE BASED ON A NEW CARB OR AQMD CERTIFICATION.
   [RULE 462, RULE 1303(a)(1)-BACT]

5. DURING ANY NORMAL LOADING OPERATION, THE AIR POLLUTION CONTROL SYSTEMS 1 AND 2 SHALL BE IN FULL OPERATION AT ALL TIMES.

   WHEN ONLY ONE AIR POLLUTION CONTROL SYSTEM IS IN OPERATION FOR ANY LENGTH OF TIME, THE LOADING SHALL BE LIMITED TO FOUR LOADING LANES ONLY. THE LOADING RATE SHALL NOT EXCEED THE DAILY LIMIT CALCULATED AS FOLLOWS:

   [(4,613,269 X NO. OF HOURS BOTH AIR POLLUTION CONTROL SYSTEMS WERE IN OPERATION) + (2,180,000 X NO. OF HOURS ONLY ONE AIR POLLUTION CONTROL SYSTEM WAS IN OPERATION)] / 24.

   WHERE 2,180,000 GALLONS PER DAY IS THE DAILY LIMIT WHEN ONLY ONE AIR POLLUTION CONTROL SYSTEM IS IN OPERATION.

   DAILY RECORDS WHEN ONE AIR POLLUTION CONTROL SYSTEM AND BOTH AIR POLLUTION CONTROL SYSTEMS WERE IN OPERATION SHALL BE MAINTAINED AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE UPON REQUEST.
   [RULE 1303(B)(2)-OFFSETS]

6. THE CONTINUOUS HYDROCARBON MONITORING SYSTEM SHALL BE IN FULL USE AT ALL TIMES AND SHALL ALERT THE OPERATOR BOTH AUDIBLY AND VISUALLY TO STOP VENTING TO THE AIR POLLUTION CONTROL SYSTEM WHEN THE HYDROCARBON CONCENTRATION IN THE AIR POLLUTION CONTROL EXHAUST IS IN EXCESS OF PERMITTED LIMIT(S).
   [RULE 462]

7. DAILY AND MONTHLY THROUGHPUT RECORDS, CEMS DATA INCLUDING, BUT NOT LIMITED TO, THE STRIP CHART, CALIBRATION LOG, TROUBLESHOOTING LOG, ETC., SHALL BE MAINTAINED AND MADE AVAILABLE UPON THE REQUEST OF AQMD PERSONNEL.
   [RULE 462]

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8. THE OPERATOR SHALL CONDUCT SOURCE TEST(S) TO DETERMINE THE TOTAL VOC EMISSION RATE IN POUNDS VOC PER 1000 GALLONS GASOLINE LOADED UNDER ROUTINE LOADING CONDITIONS. THE TOTAL QUANTITY OF GASOLINE LOADED AT EACH RACK DURING THE TEST SHALL BE MEASURED AND RECORDED. THE TEST(S) SHALL BE CONDUCTED AT LEAST ONCE EVERY 60 CALENDAR MONTHS.
[RULE 462, RULE 3004(A)(4) PERIODIC MONITORING]

9. A SOURCE TEST CONDUCTED BY CARB CAN BE SUBSTITUTED FOR COMPLIANCE DETERMINATION.
[RULE 204, RULE 462]

10. THE FACILITY SHALL INSTALL AND MAINTAIN A CONTINUOUS EMISSION MONITORING SYSTEM (CEMS) IN COMPLIANCE WITH AN AQMD APPROVED RULE 462 COMPLIANCE PLAN.
[RULE 462]

Periodic Monitoring:

11. THE AIR POLLUTION CONTROL SYSTEM SHALL BE MONITORED FOR LEAKS ACCORDING TO RULE 1173.
[RULE 463, RULE 3004 (a)(4) - PERIODIC MONITORING]

12. THE OPERATOR SHALL CONDUCT SOURCE TEST(S) FOR VOC EMISSIONS. THE TEST(S) SHALL BE CONDUCTED SIMULTANEOUSLY AT THE INLET AND OUTLET OF THE AIR POLLUTION CONTROL EQUIPMENT. THE TEST(S) SHALL BE CONDUCTED AT LEAST ONCE EVERY 60 CALENDAR MONTHS.
[RULE 463, RULE 1303(a)(1) BACT, 3004(a)(4) PERIODIC MONITORING]

Emissions and Requirements:

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

VOC: 0.08 LBS/1000 GALLONS ORGANIC LIQUID LOADED, RULE 462
VOC: 35 MG/LITER GASOLINE LOADED, 40CFR60 SUBPART XX
VOC: 95% CONTROL EFFICIENCY, RULE 463