

PERMIT TO OPERATE

Permit No. G
A/N 522418

Equipment Description:

GROUNDWATER EXTRACTION AND TREATMENT SYSTEM CONSISTING OF:

1. 12 GROUNDWATER EXTRACTION WELLS
2. 12 WELL PUMPS, EACH ~~1/2~~ HP, 10 GPM
3. FLOW METER
4. OIL WATER SEPARATOR, WITH 100 GPM WATER DISCHARGE PUMP, VENTED TO RETOX AND/OR TWO CARBON ADSORBERS (VGAC-1, VGAC-2)
5. TWO (2) PRODUCT HOLDING TANKS, EACH 390 BBL CAPACITY, 32'-8 1/2" L. BY 9'-2" W. 38'-4" L. BY 8'-6" W., VENTED TO RETOX AND/OR TWO CARBON ADSORBERS (VGAC-1, VGAC-2)
6. SUMP, EMERGENCY, 1000 GALLON CAPACITY, COLLECTING SPILLS DURING PRODUCT TANK UNLOADING, VENTED TO RETOX AND/OR CARBON ADSORBERS (VGAC-1, VGAC-2) VIA PRODUCT HOLDING TANKS.
7. BAG FILTERS (BF-1, ~~BF-2~~),
8. TANK (T-2), STRIPPER FEED EQUALIZATION, 10,000 GALLONS, CONTAINING LIQUIDS FROM OIL-WATER SEPARATOR PASSIVELY VENTED TO TWO CARBON ADSORBERS (VGAC-3, VGAC-4)
9. TWO (2) CARBON ADSORBERS (VGAC-1 & VGAC-2), ENVENT VSC-2000 OR EQUIVALENT, EACH CONTAINING 2000 LBS. OF ACTIVATED CARBON, LOCATED IN SERIES.
10. TWO (2) CARBON ADSORBERS (VGAC-3 & VGAC-4), ENVENT VSC-200 OR EQUIVALENT, EACH CONTAINING 200 LBS. OF ACTIVATED CARBON, LOCATED IN SERIES.
11. STRIPPER FEED PUMP (P-15), ~~5~~ HP, 100 GPM
12. FLOW METER
13. AIR STRIPPER (~~AS-1 ME-2~~), DELTA S5-250FD, PACKED BED, 25'-0" PACKING BED DEPTH, WITH ANTI-SCALANT HOLDING TANK (T-3), CAUSTIC HOLDING TANK (T-4), ACID HOLDING TANK (T-5), ~~10~~ HP RECIRCULATION PUMP (P-17), ~~15~~ HP EFFLUENT PUMP (P-16), ~~25~~ HP AIR BLOWER (B-1), 8000 SCFM, 400 GPM INFLUENT FLOW RATE, VENTED TO RETOX.
14. TANK (T-1), TREATED WATER HOLDING TANK, 15,000 GALLON
15. REGENERATIVE THERMAL OXIDIZER (RETOX), ANGUIL, MODEL 50, 5000 SCFM, TWO-CHAMBER REACTOR, 1.2 ~~1.5~~ MMBTU NATURAL GAS OR PROPANE FIRED BURNER, WITH A MINIMUM 30 FOOT STACK WITHOUT RAIN 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. THE MOST CURRENT CONTACT PERSON'S NAME, COMPANY AND PHONE NUMBER SHALL BE DISPLAYED IN A PERMANENT AND CONSPICUOUS LOCATION. [RULE 204]
4. AN IDENTIFICATION TAG OR NAMEPLATE SHALL BE DISPLAYED ON THE EQUIPMENT TO SHOW THE MANUFACTURER, MODEL NUMBER AND SERIAL NUMBER. THE TAG(S) OR PLATE(S) SHALL BE ISSUED BY THE MANUFACTURER AND SHALL ADHERE TO THE EQUIPMENT IN A PERMANENT AND CONSPICUOUS POSITION. [RULE 204]
5. THE OIL-WATER SEPARATOR AND PRODUCT HOLDING TANKS, EMERGENCY SUMP, EQUALIZATION TANK, AND AIR STRIPPER SHALL BE VENTED TO AN OPERATING REGENERATIVE THERMAL OXIDIZER AND/OR TWO CARBON ADSORBERS (VGAC-1, VGAC-2).
6. THE STRIPPER FEED EQUALIZATION TANK SHALL BE VENTED TO TWO CARBON ADSORBERS (VGAC-1, VGAC-2).
7. THE EMERGENCY SUMP TANK SHALL BE VENTED TO THE PRODUCTS HOLDING TANKS THAT ARE VENTED TO AN OPERATING REGENERATIVE THERMAL OXIDIZER AND/OR TWO CARBON ADSORBERS (VGAC-1, VGAC-2).
8. THE AIR STRIPPER SHALL BE VENTED TO AN OPERATING REGENERATIVE THERMAL OXIDIZER. [RULE 1303(a)(1)-BACT, 1401, 40 CFR 63 SUBPART GGGG]
9. DURING TRUCK LOADING/PRODUCT TANK UNLOADING, THE VAPOR RETURN LINE(S) FROM THE TRUCK(S) SHALL BE CONNECTED AND VENTED BACK TO THE PRODUCT TANKS. [RULE 1303(a)(1)-BACT, 1401, 40 CFR 63 SUBPART GGGG]
10. ALL VAPOR LINES AND DUCTS SHALL BE PROPERLY SEALED OR VENTED TO CARBON CANISTERS TO PREVENT UNCONTROLLED VAPORS FROM ENTERING THE ATMOSPHERE. [RULE 1303(a)(1)-BACT, 1401, 40 CFR 63 SUBPART GGGG]
11. A FLOW INDICATOR AND RECORDER SHALL BE INSTALLED AND MAINTAINED AT ALL INLET VAPOR STREAMS TO THE REGENERATIVE THERMAL OXIDIZER TO INDICATE THE TOTAL AIR FLOW RATE IN CUBIC FEET PER MINUTE (CFM). 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 RECORDER SHALL RECORD THE INSTANTANEOUS FLOW AT LEAST ONCE EVERY 15 MINUTES OR RECORD 15-MINUTE OR MORE FREQUENT BLOCK AVERAGES. [RULE 1303(b)(1)-OFFSET, 1401]

- 9. THE TOTAL INLET FLOW RATE TO THE REGENERATIVE THERMAL OXIDIZER SHALL NOT EXCEED 5000 SCFM (15 MINUTE AVERAGE).
[RULE 1303(b)(1)-OFFSET, 1401]
- 10. A FLOW INDICATOR AND RECORDER SHALL BE INSTALLED AND MAINTAINED IN THE GROUNDWATER LINE PRIOR TO THE OIL-WATER SEPARATOR TO INDICATE THE TOTAL AMOUNT OF GROUNDWATER EXTRACTED FROM THE WELLS FOR TREATMENT.
[RULE 1303(a)(1)-BACT, 1401, 40 CFR 63 SUBPART GGGGG]
- 11. THE TOTAL INLET GROUNDWATER EXTRACTION RATE SHALL NOT EXCEED 100 GPM.
[RULE 1303(b)(1)-OFFSET, 1401]
- 12. A FLOW INDICATOR AND RECORDER SHALL BE INSTALLED AND MAINTAINED IN THE AIR STRIPPER FEED LINE, AFTER THE EQUALIZATION TANK, TO INDICATE THE TOTAL AMOUNT OF GROUNDWATER TREATED IN THE AIR STRIPPER.
[RULE 1303(a)(1)-BACT, 1401, 40 CFR 63 SUBPART GGGGG]

~~13. EMISSIONS FROM THE OUTLET OF THE REGENERATIVE THERMAL OXIDIZER SHALL NOT EXCEED THE FOLLOWING:~~

POLLUTANT	MASS RATE
VOC	1.48 LB/HR
BENZENE	0.0098 LB/HR
MTBE	2.09 LB/HR

~~[RULE 1303(b)(2)-OFFSET, 1401]~~

- 13. EQUIPMENT SHUTDOWN INTERLOCKS SHALL BE PROVIDED FOR OXIDATION TEMPERATURES BELOW THE MINIMUM TEMPERATURES REQUIRED IN THIS PERMIT.
[RULE 1303(a)(1)-BACT, 1401]
- 14. ALL RECORDING DEVICES SHALL BE SYNCHRONIZED WITH RESPECT TO THE TIME OF DAY.
[RULE 204]
- 15. THE OWNER OR OPERATOR SHALL DEMONSTRATE THAT THIS EQUIPMENT COMPLIES WITH RULE 1401 (AS AMENDED MARCH 7, 2008) USING SCAQMD PROCEDURES AND THE RESULTS OF THE PERFORMANCE TESTS.
[RULE 1401]
- 16. THE REGENERATIVE THERMAL OXIDIZER SHALL ONLY EXHAUST THROUGH A STACK WITH A HEIGHT OF AT LEAST 30 FEET ABOVE GRADE.
[RULE 1401]
- 17. THE OWNER OR OPERATOR SHALL MEET THE APPLICABLE EMISSIONS LIMITATIONS FOR PROCESS VENTS, TANKS, SEPARATORS, AND CLOSED VENT SYSTEMS AND CONTROL DEVICES AS REQUIRED IN 40 CFR 63 SUBPART GGGGG FOR TOTAL HAP OR TOC (MINUS METHANE AND ETHANE).
[RULE 40 CFR 63 SUBPART GGGGG]
- ~~19. WITHIN 30 DAYS OF NOTIFICATION BY AQMD PERSONNEL THAT ADDITIONAL OFFSETS ARE NEEDED, KINDERMORGAN SHALL EITHER FILE AN APPLICATION TO MODIFY THE VAPOR RECOVERY SYSTEM OR PROVIDE EMISSION REDUCTION CREDITS.
[RULE 1303(b)(2)-OFFSET] .~~

18. THE OWNER OR OPERATOR SHALL DEVELOP AND IMPLEMENT A WRITTEN STARTUP, SHUTDOWN, AND MALFUNCTION PLAN (SSMP).
[RULE 40 CFR 63 SUBPART GGGGG]
- 19) **THE OPERATOR SHALL PERFORM COMBUSTION SYSTEM MAINTENANCE IN ACCORDANCE WITH MANUFACTURER RECOMMENDED MAINTENANCE SCHEDULE. A COPY OF THE MANUFACTURER'S MANUAL OR OTHER WRITTEN GUIDANCE MATERIALS SUPPLIED BY THE MANUFACTURER OR DISTRIBUTOR AND RECORDS OF MAINTENANCE ACTIVITIES SHALL BE RETAINED ON SITE FOR AT LEAST THREE YEARS AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.**
[RULE 1147]
20. RECORDS SHALL BE KEPT FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO AQMD PERSONNEL UPON REQUEST.
[RULE 1303(a)(1)-BACT, 1147, 1401, 40 CFR 63 SUBPART GGGGG]

Periodic Monitoring:

21. A CONTINUOUS TEMPERATURE MEASUREMENT AND RECORDING DEVICE SHALL BE MAINTAINED TO MEASURE THE OUTLET OF THE REGENERATIVE THERMAL OXIDIZER COMBUSTION CHAMBER. THE ACCURACY OF THE TEMPERATURE MONITORING DEVICE SHALL BE PLUS OR MINUS ONE DEGREE CELSIUS OR PLUS OR MINUS ONE PERCENT OF THE TEMPERATURE BEING MONITORED, WHICHEVER IS GREATER. THE RECORDER SHALL RECORD THE INSTANTANEOUS TEMPERATURE AT LEAST ONCE EVERY 15 MINUTES OR RECORD 15-MINUTE OR MORE FREQUENT BLOCK AVERAGES. IN ADDITION, THE RECORDING DEVICE SHALL RECORD HOURLY AVERAGE AND DAILY AVERAGE COMBUSTION CHAMBER TEMPERATURE.
[RULE 1303(a)(1)-BACT, 1401, 40 CFR 63 SUBPART GGGGG]
22. WHENEVER THE THERMAL OXIDIZER IS IN OPERATION, THE TEMPERATURE AT THE OUTLET OF THE COMBUSTION CHAMBER SHALL NOT BE LESS THAN 1400 DEGREES FAHRENHEIT AND THE DAILY AVERAGE TEMPERATURE SHALL BE MAINTAINED AT GREATER OR EQUAL TO THE TEMPERATURE ESTABLISHED DURING THE MOST RECENT PERFORMANCE TEST.
[RULE 1303(a)(1)-BACT, 1401, 40 CFR 63 SUBPART GGGGG]
23. THE OWNER OR OPERATOR SHALL PERFORM ANNUAL PERFORMANCE TESTS ~~WITHIN 180 DAYS OF STARTUP, AND ANNUALLY THEREAFTER,~~ TO DEMONSTRATE COMPLIANCE WITH THE REQUIREMENTS OF 40 CFR 63 SUBPART GGGGG AND THE CONDITIONS OF THIS PERMIT. A WRITTEN PROTOCOL AND NOTIFICATION OF THE ~~INITIAL~~ TESTS SHALL BE SUBMITTED AT LEAST 60 DAYS BEFORE THE PERFORMANCE TEST IS SCHEDULED TO BEGIN. **A PROTOCOL PREVIOUSLY APPROVED BY THE SCAQMD MAY BE USED.** RESULTS SHALL BE SUBMITTED WITHIN 60 DAYS OF COMPLETION OF THE TESTS. EACH PERFORMANCE TEST SHALL CONSIST OF THREE SEPARATE TEST RUNS, AND EACH RUN LASTING FOR AT LEAST ONE HOUR, USING APPROVED METHODS.
[RULE 1303(a)(1)-BACT, 1401, 40 CFR 63 SUBPART GGGGG, 3004(a)(1)-PERIODIC MONITORING]

Emissions and Requirements:

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

HAP/TOC:	40 CFR 63 SUBPART GGGGG
VOC	1.48 LB/HR, RULE 1303 (b)(2)-OFFSET
BENZENE	0.0098 LB/HR, RULE 1401
MTBE	2.09 LB/HR, RULE 1401

PERMIT TO CONSTRUCT/OPERATE

Granted
Permit No. G
A/N 523131

Equipment Description:

MODIFICATION OF BULK TERMINAL VAPOR COLLECTION AND DISPOSAL SYSTEM NO. 1 (PREVIOUSLY PERMITTED UNDER PERMIT TO OPERATE G11317 (A/N 469050) CONSISTING OF:

1. VAPOR COLLECTION UNIT WITH A LIQUID KNOCKOUT DRUM, 3' DIA. X 7'6" H., AN INFLUENT DETONATION ARRESTOR, AND TWO 1.4 TO 50 H.P. VARIABLE FREQUENCY DRIVE VAPOR BLOWERS EQUIPPED WITH TANDEM SEALS WITH AN EXIT DETONATION ARRESTOR, COMMON TO VAPOR DISPOSAL SYSTEMS NOS. 1 AND 2 SERVING TANKS NO. 30081, 80001 THROUGH 80006, 80012, 80017, 80022, 80065, 80073 THROUGH -80090, 150051, 150062, 100057 THROUGH 100061, 100063 AND 100064.
2. VAPOR RECOVERY HEADER SERVING TANKS 9548, 25050, 178013 THROUGH 178016, AND SERVING FIVE LOADING RACKS, COMMON TO VAPOR DISPOSAL SYSTEMS NOS. 1 AND 2
3. VAPOR BLADDER TANK, WITH A VAPOR COMPRESSION/ ABSORPTION UNIT, COMMON TO VAPOR DISPOSAL SYSTEMS NOS. 1 AND 2
4. TWO (2) VAPOR HOLDING TANKS (NOS. 1 AND 2), EACH 22,000 CUBIC FEET, EACH WITH BLADDER HEIGHT MONITORING AND RECORDING SYSTEM, COMMON TO VAPOR DISPOSAL SYSTEMS NOS. 1 AND 2
5. CROSS-CONNECTION LINE AND SWITCHING VALVE TO VAPOR DISPOSAL SYSTEM NO. 2
6. THERMAL OXIDIZER (NO. 1), ENVIROPRO, FIRED ONLY ON VENT GAS FROM VAPOR HOLDING TANKS, 12'-0" DIA. 40'-0"H., WITH FOUR TWO-STAGE BURNERS, 78.8 MMBTU/HR, A CONTROL AND INSTRUMENTATION SYSTEM, PROPANE FIRED PILOTS

BY THE ADDITION OF

1. VELOCITY STACK AROUND SECONDARY BURNER NOZZLE TIP

Conditions:

1. CONSTRUCTION AND 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 VENT NO MORE THAN TWO TANKS IN DRAIN-DRY/REFILLING OR DEGASSING OPERATION AT ANY ONE TIME.
[RULE 1303(a)(1)-BACT, RULE 1303(b)(2)-OFFSET]

4. THIS INCINERATOR SHALL BE IN OPERATION DURING DEGASSING OR DRAIN-DRY/REFILLING OPERATION OF A TANK IT SERVES.
[RULE 1149]
5. THE OPERATOR SHALL LIMIT THE FLOW RATE OF THE VENT GASES TO THIS EQUIPMENT TO NO MORE THAN 2100 STANDARD CUBIC FEET PER MINUTE. TO COMPLY WITH THIS CONDITION, THE OPERATOR SHALL INSTALL, MAINTAIN AND OPERATE A FLOW METER TO MONITOR AND RECORD THE FLOW RATE OF THE GASES SENT TO THE INCINERATOR AT LEAST ONCE EVERY MINUTE.
[RULE 1301(a)(1)-BACT, 1303(b)(2)-OFFSET]
6. KMLT SHALL MAINTAIN A SAMPLING AND TESTING FACILITY IN ACCORDANCE WITH RULE 217.
[RULE 217]
7. **WITHIN 180 DAYS OF COMPLETION OF MODIFICATION (AND ANNUALLY THEREAFTER), ANNUAL** SOURCE TESTS SHALL BE CONDUCTED TO DETERMINE DESTRUCTION EFFICIENCY OF THE UNIT, ACCORDING TO DISTRICT APPROVED TEST PROTOCOL. THE TEST DATA SHALL BE SUBMITTED TO THE DISTRICT WITHIN 60 DAYS FROM THE DATE THE TEST WAS CONDUCTED.
[RULE 462, 1149, 1303(a)(1)-BACT, 1303(b)(2)-OFFSET]
8. THIS VAPOR RECOVERY SYSTEM SHALL BE CERTIFIED BY THE CALIFORNIA AIR RESOURCES BOARD FOR A MAXIMUM GASOLINE THROUGHPUT FOR THE FIVE LOADING RACKS
[RULE 462]
9. BLADDER NOS. 1 AND 2 SHALL NOT EXCEED A HEIGHT OF 32'-11" FOR MORE THAN FIVE MINUTES OR OTHER MAXIMUM HEIGHT AS SPECIFIED BY THE EXECUTIVE OFFICER IN WRITING. BLADDER HEIGHTS SHALL BE MONITORED AND RECORDED AS APPROVED BY THE EXECUTIVE OFFICER.
[RULE 204]
10. THE OPERATOR SHALL ENSURE THAT ALL RECORDING DEVICES ARE SYNCHRONIZED WITH RESPECT TO THE TIME OF DAY.
[RULE 204]
11. THE OPERATOR SHALL NOTIFY THE EXECUTIVE OFFICER, WITHIN 24 HOURS, IN THE EVENT OF A CONTINUOUS MONITORING SYSTEM (CMS) OR RECORDER FAILURE OR SHUTDOWN WHICH EXCEEDS ONE HOUR. THE NOTIFICATION SHALL INCLUDE THE REASON AND LENGTH OF TIME FOR FAILURE OR SHUTDOWN, THE TIME THE SYSTEM WAS RETURNED TO OPERATION, TYPE OF MAINTENANCE OR CORRECTIVE WORK PERFORMED, AND ACTIONS TAKEN TO PREVENT FUTURE FAILURES. THE CMS AND RECORDER SHALL BE RESTORED TO NORMAL OPERATION WITHIN 96 HOURS OF FAILURE.
[RULE 462]
12. THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO SHOW COMPLIANCE WITH THE CONDITIONS IN THIS PERMIT. SUCH RECORDS SHALL BE MAINTAINED AND KEPT ON FILE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS AUTHORIZED REPRESENTATIVE UPON REQUEST.
[RULE 462, 1149, 1173, 1303(a)(1)-BACT, 1303(b)(2)-OFFSET, 40 CFR 63 SUBPART R, 40 CFR 63 SUBPART EEEE]

13. THIS INCINERATOR SHALL BE OPERATED AT A TEMPERATURE OF 1200 DEGREES FAHRENHEIT OR GREATER. THE TEMPERATURE OF THE THERMAL OXIDIZER SHALL BE MONITORED AND RECORDED AS APPROVED BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1)-BACT]
14. THE OPERATOR SHALL INSTALL AND MAINTAIN THE THERMOCOUPLE AT A POSITION NOT LESS THAN 35 FEET ABOVEGROUND AND WITHIN THE EXHAUST STACK OF THE THERMAL OXIDIZER TO ACCURATELY MEASURE THE TEMPERATURE OF THE EXHAUST GAS.
[RULE 1303(a)(1)-BACT]
15. THIS PERMIT TO CONSTRUCT SHALL EXPIRE (*TBD -ONE YEAR FROM THE DATE OF ISSUANCE*) UNLESS AN EXTENSION IS GRANTED BY THE EXECUTIVE OFFICER.
[RULE 204]

Periodic Monitoring:

16. THE OPERATOR SHALL MONITOR LEAKS FROM THIS EQUIPMENT ACCORDING TO RULE 1173.
[RULE 463, 1173, 3004(a)(4)-PERIODIC MONITORING]
17. THE OPERATOR SHALL INSTALL AND MAINTAIN A CHART RECORDER TO RECORD THE TEMPERATURE OF THE EXHAUST GASES IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE MOST RECENT APPROVED RULE 462 PLAN, UNLESS OTHERWISE NOTED BELOW.
[RULE 1303(a)(1)-BACT, RULE 3004(a)(4)-PERIODIC MONITORING]
18. THE OPERATOR SHALL CONDUCT PERFORMANCE TESTING OF THE CONTROL EQUIPMENT AT LEAST ONCE EVERY THREE (3) YEARS TO DETERMINE THE VOLATILE ORGANIC COMPOUNDS (VOC) EMISSION RATE (IN POUNDS PER 1000 GALLONS LOADED) AND THE VOC CONTROL EFFICIENCY. COMPLIANCE WITH THE ANNUAL TEST REQUIREMENT WILL BE CONSIDERED COMPLIANCE WITH THIS CONDITION.
[RULE 463, 3004(a)(4)-PERIODIC MONITORING]
19. THE OPERATOR SHALL EITHER CONDUCT PERFORMANCE TESTING OF THE CONTROL EQUIPMENT AT LEAST ONCE EVERY THREE YEARS IN ACCORDANCE WITH AQMD-APPROVED TEST PROCEDURES OR MONITOR EXHAUST STACK ON AN ANNUAL BASIS WITH AN AQMD-APPROVED PORTABLE ANALYZER TO DETERMINE THE CO EMISSIONS (IN PPM)
[RULE 407, 3004(a)(4)-PERIODIC MONITORING]

Emissions and Requirements:

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

CO: 2000 PPM, RULE 407
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: 0.01 GRAINS/SCF, RULE 409
VOC: 0.08 LB/1000 GALLONS, RULE 462
VOC: 0.0565 LB/1000 GALLONS, RULE 1303(b)(1)-OFFSET
VOC: ≥95% CONTROL EFFICIENCY, RULE 463, 1178
VOC: RULE 1149
TOC/VOC: 35 MG/L, 40 CFR 60 SUBPART XX
HAP/TOC: 10 MG/L, 40 CFR 63 SUBPART R (MAJOR SOURCES)
HAP/TOC: 40 CFR 63 SUBPART EEEE (MAJOR SOURCES)