

FACILITY PERMIT TO OPERATE AMERICH CORPORATION

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 Construct and 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 that the equipment is subject to. Also included is the rule origin and authority of each emission limit and permit condition.

FACILITY PERMIT TO OPERATE AMERICH CORPORATION

PERMITTED EQUIPMENT LIST

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

Application number	Permit to Operate number	Equipment description
437777	F72866	SPRAY BOOTH PAINT AND SOLVENT
437778	F72869	SPRAY BOOTH PAINT AND SOLVENT
464725	F88416	SPRAY BOOTH STYRENATED RESIN
470823	Pending PC	SPRAY BOOTHS (MULTIPLE) WITH MULTIPLE VOC CONTROL EQ

NOTE: EQUIPMENT LISTED ABOVE THAT HAVE NO CORRESPONDING PERMITS TO OPERATE NUMBER 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 OR PERMITS TO OPERATE WILL NOT BE FOUND IN THIS TITLE V PERMIT.

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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 RINGELMANN 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. MATERIAL SAFETY DATA SHEETS FOR ALL MATERIALS USED AT THIS FACILITY SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 109, RULE 1303(b)(2)-OFFSET]

3. THE TOTAL QUANTITY OF VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS FROM ALL PERMITTED EQUIPMENT AND ASSOCIATED OPERATIONS AT THIS FACILITY SHALL NOT EXCEED 2340 POUNDS IN ANY ONE CALENDAR MONTH. ASSOCIATED OPERATIONS INCLUDE, BUT ARE NOT LIMITED TO, SURFACE PREPARATION, EQUIPMENT CLEAN-UP, AND APPLICATION OF COATINGS, GELCOATS, AND RESINS INCLUDING HAND LAY-UP, OR ANY OTHER MATERIALS TO PARTS THAT ARE PREVIOUSLY OR SUBSEQUENTLY PROCESSED IN THE PERMITTED EQUIPMENT. WITHIN 14 CALENDAR DAYS AFTER THE END OF EACH MONTH, THE FACILITY OPERATOR SHALL TOTAL AND RECORD VOC EMISSIONS FROM ALL PERMITTED EQUIPMENT AND ASSOCIATED OPERATIONS.
[RULE 109, RULE 1303(b)(2)-OFFSET]

4. TO MAINTAIN EXEMPTION FROM THE RULE 1132 REQUIREMENTS, THE TOTAL QUANTITY OF VOC EMISSIONS FROM THIS FACILITY SHALL NOT EXCEED 20 TONS (40,000 POUNDS) IN ANY EMISSION INVENTORY YEAR. WITHIN 14 CALENDAR DAYS AFTER THE END OF EACH MONTH, THE FACILITY OPERATOR SHALL TOTAL AND RECORD VOC EMISSIONS FROM ALL EQUIPMENT AND OPERATIONS THAT ARE REQUIRED TO HAVE WRITTEN PERMITS OR ARE EXEMPT FROM WRITTEN PERMITS PURSUANT TO RULE 219. THE EMISSION INVENTORY YEAR SHALL BE THE ANNUAL EMISSION REPORTING PERIOD BEGINNING FROM JULY 1 OF THE PREVIOUS YEAR THROUGH JUNE 30 OF A GIVEN YEAR. BY JULY 15, 2005 AND JULY 15 OF EVERY YEAR THEREAFTER, THE OPERATOR SHALL TOTAL AND RECORD VOC EMISSIONS FROM THE FACILITY FOR THE EMISSION INVENTORY YEAR. IF THE TOTAL FACILITY VOC EMISSIONS FROM THE MONTHLY RECORDS FOR THE EMISSION INVENTORY YEAR EXCEED THE EMISSION CAP OF THIS CONDITION, THE OPERATOR SHALL SUBMIT APPROPRIATE APPLICATIONS AND ACHIEVE COMPLIANCE PURSUANT TO THE REQUIREMENTS SPECIFIED IN RULE 1132. EXCEEDANCE OF THE VOC EMISSION LIMIT OF THIS CONDITION SHALL NOT SUBJECT ANY EQUIPMENT AT THIS FACILITY TO NEW SOURCE REVIEW REQUIREMENTS IF THE OPERATOR COMPLIES WITH ALL OTHER PERMIT CONDITIONS THAT ARE APPLICABLE TO SUCH EQUIPMENT.
[RULE 1132]

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5. TO ENSURE COMPLIANCE WITH THE EMISSION CAPS OF THIS PERMIT, THE FACILITY OPERATOR SHALL:
- A. COMPLY WITH RULE 109 (RECORDKEEPING FOR VOLATILE ORGANIC COMPOUND EMISSIONS)
 - B. KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT AND FACILITY TO VERIFY VOC EMISSIONS IN POUNDS AND THE EMISSION FACTOR OR VOC CONTENT AS APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS). THE RECORDS SHALL INCLUDE ANY PROCEDURES TO ACCOUNT FOR CONTROL DEVICE EFFICIENCIES AND/OR WASTE DISPOSAL. IT SHALL BE SIGNED AND CERTIFIED FOR ACCURACY BY THE HIGHEST RANKING INDIVIDUAL RESPONSIBLE FOR COMPLIANCE WITH DISTRICT RULES.
 - C. MAINTAIN A SINGLE LIST THAT INCLUDES ONLY THE NAME AND ADDRESS OF EACH PERSON FROM WHOM THE FACILITY ACQUIRED VOC CONTAINING MATERIAL REGULATED BY THE DISTRICT THAT WAS USED OR STORED AT THE FACILITY DURING THE PRECEDING 12 MONTHS.
 - D. RETAIN ALL PURCHASE INVOICES FOR ALL VOC-CONTAINING MATERIAL USED OR STORED AT THE FACILITY, AND ALL WASTE MANIFESTS FOR ALL WASTE VOC-CONTAINING MATERIAL REMOVED FROM THE FACILITY.
- [RULE 109, RULE 1303(b)(2)-OFFSET]
6. ALL RECORDS REQUIRED BY THIS PERMIT SHALL BE PREPARED IN A FORMAT THAT IS ACCEPTABLE TO THE DISTRICT, SHALL BE RETAINED ON THE PREMISES FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
- [RULE 109]

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PERMIT TO OPERATE

Permit No. F72866
A/N 437777

Equipment Description:

SPRAY BOOTH, FLOOR TYPE, SPRAY KING, MODEL NO. DI 151010, 12'-8" W. X 10'-0" L. X 8'-0" H. (INSIDE BOOTH DIMENSIONS), SERIAL NO. 87219-1, WITH TWENTY-EIGHT 20" X 20" EXHAUST FILTERS AND ONE 3 H. P. EXHAUST FAN.

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 SPRAY BOOTH SHALL NOT BE OPERATED UNLESS ALL EXHAUST AIR PASSES THROUGH FILTER MEDIA AT LEAST 2 INCHES THICK.
[RULE 1303(a)(1)-BACT]
4. A GAUGE SHALL BE INSTALLED AND MAINTAINED TO INDICATE, IN INCHES OF WATER, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE EXHAUST FILTERS. IN OPERATION, THE PRESSURE DIFFERENTIAL SHALL NOT EXCEED 0.25 INCH OF WATER.
[RULE 1303(a)(1)-BACT]
5. CLEAN-UP MATERIALS ASSOCIATED WITH THIS EQUIPMENT SHALL CONTAIN NO VOC.
[RULE 1303(a)(1)-BACT]
6. THE TOTAL QUANTITY OF VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS FROM THIS EQUIPMENT SHALL NOT EXCEED 39 POUNDS IN ANY ONE DAY. THE VOC EMISSIONS FROM THE USE OF POLYESTER RESIN MATERIALS IN THIS EQUIPMENT SHALL BE CALCULATED USING THE UNIFIED EMISSION FACTORS LISTED IN RULE 1132, ATTACHMENT A.
[RULE 1303(b)(2)-OFFSET]
7. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE I, WITH AN EFFECTIVE DATE OF MAY 2, 2003 OR EARLIER, WITH THE EXCEPTION OF STYRENE (CAS # 100-42-5).
[RULE 1401]

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8. IN ADDITION TO THE RECORD KEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY COMPLIANCE WITH THE PERMIT CONDITIONS. THE RECORDS SHALL INCLUDE DENSITY OF EACH GELCOAT AND RESIN IN POUNDS PER GALLON, EMISSION FACTOR OR VOC CONTENT OF EACH MATERIAL USED IN POUNDS PER GALLON AS APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS), DAILY AND CALENDAR MONTHLY VOC EMISSIONS IN POUNDS AND ANY OTHER DATA AS REQUIRED TO VERIFY COMPLIANCE WITH THE CONDITIONS SPECIFIED IN THIS PERMIT.
[RULE 109, 1303(b)(2)-OFFSET]

Periodic Monitoring:

9. THE OPERATOR SHALL PERFORM A WEEKLY INSPECTION OF THE EQUIPMENT AND FILTER MEDIA FOR LEAKS, BROKEN OR TORN FILTER MEDIA AND IMPROPERLY INSTALLED FILTER MEDIA. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
- A. THE NAME OF THE PERSON PERFORMING THE INSPECTION AND/OR MAINTENANCE OF THE FILTER MEDIA;
 - B. THE DATE, TIME AND RESULTS OF THE INSPECTION; AND
 - C. THE DATE, TIME AND DESCRIPTION OF ANY MAINTENANCE OR REPAIRS RESULTING FROM THE INSPECTION.
- [RULE 3004 (a)(4)]
10. THE OPERATOR SHALL DETERMINE AND RECORD THE PRESSURE DROP ACROSS THE FILTER MEDIA ONCE EVERY WEEK.
[RULE 3004 (a)(4)]

Emissions and Requirements:

11. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- VOC: RULE 1162, SEE APPENDIX B FOR EMISSION LIMITS
 - VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
 - VOC: RULE 109
 - PM: RULE 481
 - PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
 - HAP: 40 CFR 63 SUBPART WWW, SEE SECTION J FOR REQUIREMENTS

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PERMIT TO OPERATE

Permit No. F72869
A/N 437778

Equipment Description:

SPRAY BOOTH, FLOOR TYPE, SPRAY KING, MODEL NO. DI 1087, 12'-8" W. X 10'-0" L. X 8'-0" H. (INSIDE BOOTH DIMENSIONS), SERIAL NO. 87219-2, WITH TWENTY-EIGHT 20" X 20" EXHAUST FILTERS AND ONE 3 H. P. EXHAUST FAN.

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 SPRAY BOOTH SHALL NOT BE OPERATED UNLESS ALL EXHAUST AIR PASSES THROUGH FILTER MEDIA AT LEAST 2 INCHES THICK.
[RULE 1303(a)(1)-BACT]
4. A GAUGE SHALL BE INSTALLED AND MAINTAINED TO INDICATE, IN INCHES OF WATER, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE EXHAUST FILTERS. IN OPERATION, THE PRESSURE DIFFERENTIAL SHALL NOT EXCEED 0.25 INCH OF WATER.
[RULE 1303(a)(1)-BACT]
5. CLEAN-UP MATERIALS ASSOCIATED WITH THIS EQUIPMENT SHALL CONTAIN NO VOC.
[RULE 1303(a)(1)-BACT]
6. THE TOTAL QUANTITY OF VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS FROM THIS EQUIPMENT SHALL NOT EXCEED 39 POUNDS IN ANY ONE DAY. THE VOC EMISSIONS FROM THE USE OF POLYESTER RESIN MATERIALS IN THIS EQUIPMENT SHALL BE CALCULATED USING THE UNIFIED EMISSION FACTORS LISTED IN RULE 1132, ATTACHMENT A.
[RULE 1303(b)(2)-OFFSET]
7. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE I, WITH AN EFFECTIVE DATE OF MAY 2, 2003 OR EARLIER, WITH THE EXCEPTION OF STYRENE (CAS # 100-42-5).
[RULE 1401]

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8. IN ADDITION TO THE RECORD KEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY COMPLIANCE WITH THE PERMIT CONDITIONS. THE RECORDS SHALL INCLUDE DENSITY OF EACH GELCOAT AND RESIN IN POUNDS PER GALLON, EMISSION FACTOR OR VOC CONTENT OF EACH MATERIAL USED IN POUNDS PER GALLON AS APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS), DAILY AND CALENDAR MONTHLY VOC EMISSIONS IN POUNDS AND ANY OTHER DATA AS REQUIRED TO VERIFY COMPLIANCE WITH THE CONDITIONS SPECIFIED IN THIS PERMIT.
[RULE 109, 1303(b)(2)-OFFSET]

Periodic Monitoring:

9. THE OPERATOR SHALL PERFORM A WEEKLY INSPECTION OF THE EQUIPMENT AND FILTER MEDIA FOR LEAKS, BROKEN OR TORN FILTER MEDIA AND IMPROPERLY INSTALLED FILTER MEDIA. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
- A. THE NAME OF THE PERSON PERFORMING THE INSPECTION AND/OR MAINTENANCE OF THE FILTER MEDIA;
 - B. THE DATE, TIME AND RESULTS OF THE INSPECTION; AND
 - C. THE DATE, TIME AND DESCRIPTION OF ANY MAINTENANCE OR REPAIRS RESULTING FROM THE INSPECTION.
- [RULE 3004 (a)(4)]
10. THE OPERATOR SHALL DETERMINE AND RECORD THE PRESSURE DROP ACROSS THE FILTER MEDIA ONCE EVERY WEEK.
[RULE 3004 (a)(4)]

Emissions and Requirements:

11. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- VOC: RULE 1162, SEE APPENDIX B FOR EMISSION LIMITS
 - VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
 - VOC: RULE 109
 - PM: RULE 481
 - PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
 - HAP: 40 CFR 63 SUBPART WWW, SEE SECTION J FOR REQUIREMENTS

FACILITY PERMIT TO OPERATE AMERICH CORPORATION

PERMIT TO OPERATE

Permit No. F88416
A/N 464725

Equipment Description:

SPRAY BOOTH, FLOOR TYPE, BLEEKER, 13'-8" W. x 12'-0" D. x 8'-0" H. (INSIDE BOOTH DIMENSIONS), SERIAL NO. 33412B, WITH TWENTY-EIGHT 20" x 20" EXHAUST FILTERS AND ONE 3 H. P. EXHAUST FAN.

Conditions:

3. 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]
4. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS SPRAY BOOTH SHALL NOT BE OPERATED UNLESS ALL EXHAUST AIR PASSES THROUGH FILTER MEDIA AT LEAST 2 INCHES THICK.
[RULE 1303(a)(1)-BACT]
4. A GAUGE SHALL BE INSTALLED AND MAINTAINED TO INDICATE, IN INCHES OF WATER, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE EXHAUST FILTERS. IN OPERATION, THE PRESSURE DIFFERENTIAL SHALL NOT EXCEED 0.25 INCH OF WATER.
[RULE 1303(a)(1)-BACT]
5. CLEAN-UP MATERIALS ASSOCIATED WITH THIS EQUIPMENT SHALL CONTAIN NO VOC.
[RULE 1303(a)(1)-BACT]
6. THE TOTAL QUANTITY OF VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS FROM THIS EQUIPMENT SHALL NOT EXCEED 30 POUNDS IN ANY ONE DAY. THE VOC EMISSIONS FROM THE USE OF POLYESTER RESIN MATERIALS IN THIS EQUIPMENT SHALL BE CALCULATED USING THE UNIFIED EMISSION FACTORS LISTED IN RULE 1132, ATTACHMENT A.
[RULE 1303(b)(2)-OFFSET]
7. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE I, WITH AN EFFECTIVE DATE OF MARCH 4, 2005 OR EARLIER, WITH THE EXCEPTION OF STYRENE (CAS # 100-42-5) AND METHYL ETHYL KETONE (CAS# 7722-84-1).
[RULE 1401]

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8. IN ADDITION TO THE RECORD KEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY COMPLIANCE WITH THE PERMIT CONDITIONS. THE RECORDS SHALL INCLUDE DENSITY OF EACH GELCOAT AND RESIN IN POUNDS PER GALLON, EMISSION FACTOR OR VOC CONTENT OF EACH MATERIAL USED IN POUNDS PER GALLON AS APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS), DAILY AND CALENDAR MONTHLY VOC EMISSIONS IN POUNDS AND ANY OTHER DATA AS REQUIRED TO VERIFY COMPLIANCE WITH THE CONDITIONS SPECIFIED IN THIS PERMIT.
[RULE 109, 1303(b)(2)-OFFSET]

Periodic Monitoring:

9. THE OPERATOR SHALL PERFORM A WEEKLY INSPECTION OF THE EQUIPMENT AND FILTER MEDIA FOR LEAKS, BROKEN OR TORN FILTER MEDIA AND IMPROPERLY INSTALLED FILTER MEDIA. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
- A. THE NAME OF THE PERSON PERFORMING THE INSPECTION AND/OR MAINTENANCE OF THE FILTER MEDIA;
 - B. THE DATE, TIME AND RESULTS OF THE INSPECTION; AND
 - C. THE DATE, TIME AND DESCRIPTION OF ANY MAINTENANCE OR REPAIRS RESULTING FROM THE INSPECTION.
- [RULE 3004 (a)(4)]
10. THE OPERATOR SHALL DETERMINE AND RECORD THE PRESSURE DROP ACROSS THE FILTER MEDIA ONCE EVERY WEEK.
[RULE 3004 (a)(4)]

Emissions and Requirements:

11. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- VOC: RULE 1162, SEE APPENDIX B FOR EMISSION LIMITS
 - VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
 - VOC: RULE 109
 - PM: RULE 481
 - PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
 - HAP: 40 CFR 63 SUBPART WWWW, SEE SECTION J FOR REQUIREMENTS

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PERMIT TO CONSTRUCT

A/N 470823
Granted as of

Equipment Description:

MODIFICATION TO AIR POLLUTON CONTROL SYSTEM CONSISTING OF:

1. SPRAY BOOTH, SPRAYKING, FLOOR TYPE, MODEL NO. DI 151010, 12'-8" W. X 10'-0" L. X 8'-0" H. (INSIDE BOOTH DIMENSIONS), SERIAL NO. 87219-1, WITH TWENTY-EIGHT 20" X 20" EXHAUST FILTERS AND ONE 3 H. P. EXHAUST FAN.
2. SPRAY BOOTH, SPRAYKING, FLOOR TYPE, MODEL NO. DI 1087, 12'-8" W. X 10'-0" L. X 8'-0" H. (INSIDE BOOTH DIMENSIONS), SERIAL NO. 87219-2, WITH TWENTY-EIGHT 20" X 20" EXHAUST FILTERS AND ONE 3 H. P. EXHAUST FAN.
3. SPRAY BOOTH, BLEEKER, FLOOR TYPE, 13'-8" W. X 12'-0" D. X 8'-0" H. (INSIDE BOOTH DIMENSIONS), SERIAL NO. 33412B, WITH TWENTY-EIGHT 20" X 20" EXHAUST FILTERS AND ONE 3 H. P. EXHAUST FAN.

BY THE ADDITION OF:

1. REGENERATIVE THERMAL OXIDIZER, SHIP AND SHORE ENVIRONMENTAL, MODEL NO. SSE-8.4K-96X-RTO, 14' - 5" W X 32' - 6" L X 7' - 0" H, WITH A 2,000,000 BTU/HR ECLIPSE NATURAL GAS-FIRED BURNER, MODEL TJ200-HV, A NATURAL GAS INJECTION SYSTEM, DUAL CHAMBER, A MULTI LAYERED CERAMIC MEDIA AND A 5 H.P. COMBUSTION BLOWER.
2. EXHAUST SYSTEM WITH A PERMANENT TOTAL ENCLOSURE, 24' - 0" W. X 106' - 6" L. x 18' - 0" H. AND ONE 40 H. P. FAN @ 8400 SCFM VENTING THREE SPRAY BOOTHS.

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. GAUGES SHALL BE INSTALLED AND MAINTAINED TO INDICATE, IN INCHES OF WATER, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE EXHAUST FILTERS FOR THE SPRAY BOOTHS. IN OPERATION, THE PRESSURE DIFFERENTIAL SHALL NOT EXCEED 0.25 INCH OF WATER.
[RULE 1303(a)(1)-BACT]

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4. THE SPRAY BOOTHS SHALL NOT BE OPERATED UNLESS ALL EXHAUST AIR PASSES THROUGH FILTER MEDIA AT LEAST TWO INCHES THICK.
[RULE 1303(a)(1)-BACT]
5. THE SPRAY BOOTHS SHALL NOT BE OPERATED UNLESS ALL EXHAUST AIR PASSES THROUGH THE REGENERATIVE THERMAL OXIDIZER WHICH IS IN FULL OPERATION AND HAS BEEN ISSUED A WRITTEN BY THE DISTRICT.
[RULE 1303(a)(1)-BACT]
6. A TEMPERATURE INDICATING AND RECORDING SYSTEM SHALL BE INSTALLED AND MAINTAINED TO CONTINUOUSLY MEASURE AND RECORD THE TEMPERATURE IN THE COMBUSTION CHAMBER OF THE OXIDIZER. SUCH A SYSTEM SHALL HAVE AN ACCURACY OF WITHIN 1% OF THE TEMPERATURE BEING MONITORED AND SHALL BE INSPECTED, MAINTAINED, AND CALIBRATED ON AN ANNUAL BASIS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS. THE TEMPERATURE INDICATING AND RECORDING SYSTEM SHALL BE IN OPERATION WHENEVER THE EQUIPMENT IT SERVES IS IN OPERATION.
[RULE 1303(a)(1)-BACT]
7. A TEMPERATURE OF NOT LESS THAN 1500 DEGREES FAHRENHEIT SHALL BE MAINTAINED IN THE OXIDIZER COMBUSTION CHAMBER WHEN THE EQUIPMENT IT SERVES IS IN OPERATION.
[RULE 1303(a)(1)-BACT]
8. THE OPERATOR SHALL MAINTAIN THE PERMANENT TOTAL ENCLOSURES (PTE) TO COMPLY WITH ALL CRITERIA SPECIFIED IN EPA METHOD 204.
[RULE 1303(a)(1)-BACT, 1303(b)(2)-OFFSET]
9. ALL ACCESS DOORS TO THE PERMANENT TOTAL ENCLOSURES SHALL BE KEPT CLOSED DURING NORMAL OPERATIONS.
[RULE 1303(a)(1)-BACT, 1303(b)(2)-OFFSET]
10. THE REGENERATIVE THERMAL OXIDIZER SHALL BE MAINTAINED AND OPERATED AT A MINIMUM OVERALL VOC CONTROL EFFICIENCY (COLLECTION AND DESTRUCTION) OF 95% WHEN THE BASIC EQUIPMENT IT SERVES IS IN OPERATION
[RULE 1303(a)(1)-BACT, 1303(b)(2)-OFFSET]
11. THE BURNER OF THE REGENERATIVE THERMAL OXIDIZER SHALL ONLY BE USED FOR THE START-UP OF THE EQUIPMENT BEFORE THE PROCESS AIR STREAM FROM THE COATING OPERATIONS IS INTRODUCED INTO THE OXIDIZER.
[RULE 1303(a)(1)-BACT, 1303(b)(2)-OFFSET]
12. THE OXIDES OF NITROGEN (NOX) EMISSIONS DISCHARGED FROM THE START UP BURNER SHALL NOT EXCEED 50 PPMV, CALCULATED AS NO2 BY VOLUME ON A DRY BASIS @ 3% O2.
[RULE 1303(a)(1)-BACT]
13. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL CONDUCT A SOURCE TEST(S) UNDER THE FOLLOWING CONDITIONS:
 - A. THE SOURCE TEST SHALL BE CONDUCTED NO LATER THAN 180 DAYS AFTER THE INITIAL START-UP OF THE REGENERATIVE THERMAL OXIDIZER UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.

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- B. A SOURCE TEST PROTOCOL SHALL BE SUBMITTED TO THE DISTRICT ENGINEER SHAILESH PATEL NO LATER THAN 60 DAYS AFTER THE INITIAL START-UP OF THE REGENERATIVE THERMAL OXIDIZER UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT. THE TEST PROTOCOL SHALL BE APPROVED IN WRITING BY THE DISTRICT BEFORE THE TEST COMMENCES. THE TEST PROTOCOL SHALL INCLUDE THE COMPLETED DISTRICT FORMS ST-1 AND ST-2 SPECIFYING THE PROPOSED OPERATING CONDITIONS OF THE EQUIPMENT DURING THE TEST, THE IDENTITY OF THE TESTING LABORATORY, A STATEMENT FROM THE TESTING LABORATORY CERTIFYING IT MEETS THE CRITERIA IN DISTRICT RULE 304(k), AND A DESCRIPTION OF THE SAMPLING AND ANALYTICAL PROCEDURES TO BE USED.
- C. THE TEST SHALL CONSIST OF, BUT MAY NOT BE LIMITED TO, A TEST OF THE INLET AND EXHAUST OF THE REGENERATIVE THERMAL OXIDIZER FOR:
- (1) VOLATILE ORGANIC COMPOUND (VOC) IN PPMV AND LBS/HR
 - (2) OXIDES OF NITROGEN (NOX) IN PPMV AND LBS/HR (OXIDIZER EXHAUST ONLY)
 - (3) CARBON MONOXIDE (CO) IN PPMV AND LBS/HR (OXIDIZER EXHAUST ONLY)
 - (4) VOC DESTRUCTION EFFICIENCY
 - (5) VOC-COLLECTION EFFICIENCY
 - (6) OXYGEN CONTENT
 - (7) MOISTURE CONTENT
 - (8) FLOW RATE
 - (9) TEMPERATURE
- D. THE SOURCE TEST SHALL BE CONDUCTED DURING NORMAL OPERATION WHILE THE OXIDIZER IS OPERATING AT A TEMPERATURE OF NOT LESS THAN THE MINIMUM OPERATING TEMPERATURE SPECIFIED IN THIS PERMIT. THE OPERATING TEMPERATURE IN THE COMBUSTION CHAMBER SHALL BE RECORDED DURING THE ENTIRE TESTING PERIOD AND INCLUDED IN THE SOURCE TEST REPORT. IF THE OPERATING TEMPERATURE DURING THE SOURCE TEST IS GREATER THAN THE MINIMUM OPERATING TEMPERATURE SPECIFIED IN THIS PERMIT, THE MINIMUM OPERATING TEMPERATURE MAY BE INCREASED AT THE TIME A PERMIT TO OPERATE IS ISSUED TO REFLECT THE OPERATING TEMPERATURE DURING THE SOURCE TEST. IN ADDITION, THE USAGE OF ALL VOC-CONTAINING MATERIALS (COATINGS, INKS, SOLVENTS, ETC.) AND OPERATING TEMPERATURE IN THE COMBUSTION CHAMBER SHALL BE RECORDED DURING THE TEST.
- E. IN ADDITION TO THE TEST DURING NORMAL OPERATION, A SOURCE TEST FOR NO_x AND CO EMISSIONS SHALL ALSO BE CONDUCTED DURING THE START-UP OF THE OXIDIZER BEFORE THE PROCESS AIR STREAM FROM THE COATING OPERATIONS IS INTRODUCED INTO THE OXIDIZER.
- F. A WRITTEN NOTICE OF THE SOURCE TESTS SHALL BE SUBMITTED TO THE DISTRICT ENGINEER SHAILESH PATEL AT LEAST 14 DAYS PRIOR TO THE SOURCE TESTING DATE SO THAT AN OBSERVER FROM THE DISTRICT MAY BE PRESENT.
- G. TWO COMPLETE COPIES OF THE SOURCE TEST REPORT SHALL BE SUBMITTED TO THE DISTRICT ENGINEER SHAILESH PATEL WITHIN 45 DAYS AFTER THE SOURCE TESTING DATE. THE SOURCE TEST REPORT SHALL INCLUDE, BUT MAY NOT BE LIMITED TO, ALL TESTING DATA REQUIRED BY THIS CONDITION.

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- H. A TESTING LABORATORY CERTIFIED BY THE CALIFORNIA AIR RESOURCES BOARD IN THE REQUIRED TEST METHODS FOR CRITERIA POLLUTANTS TO BE MEASURED, AND IN COMPLIANCE WITH DISTRICT RULE 304 (NO CONFLICT OF INTEREST) SHALL CONDUCT THE TESTS.
- I. SAMPLING FACILITIES SHALL COMPLY WITH THE DISTRICT GUIDELINES FOR CONSTRUCTION OF SAMPLING AND TESTING FACILITIES, PURSUANT TO RULE 217.
[RULE 1303(a)(1)-BACT]
14. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL SUBMIT THE RESULTS OF ALL TESTS (INCLUDING PRELIMINARY TESTS) THAT ARE CONDUCTED ON THIS EQUIPMENT FOR INFORMATIONAL PURPOSES TO THE DISTRICT ENGINEER SHAILESH PATEL WITHIN 45 DAYS AFTER THE TESTING DATE.
[RULE 1303(a)(1)-BACT]
15. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE 1 WITH AN EFFECTIVE DATE MARCH 4, 2005, OR EARLIER WITH THE EXCEPTION OF STYRENE.
[RULE 1401]
16. IN ADDITION TO THE RECORDKEEPING REQUIREMENTS OF RULE 109, THE OPERATOR OF THIS EQUIPMENT SHALL MAINTAIN ADEQUATE RECORDS TO VERIFY COMPLIANCE WITH CONDITIONS OF THIS PERMIT. THESE RECORDS SHALL BE RETAINED ON FILE FOR AT LEAST 5 YEARS AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1303(b)(2)-OFFSET, 1401]

Periodic Monitoring:

17. THE OPERATOR SHALL PERFORM A WEEKLY INSPECTION OF THE EQUIPMENT AND FILTER MEDIA FOR LEAKS, BROKEN OR TORN FILTER MEDIA AND IMPROPERLY INSTALLED FILTER MEDIA. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
- A. THE NAME OF THE PERSON PERFORMING THE INSPECTION AND/OR MAINTENANCE OF THE FILTER MEDIA;
 - B. THE DATE, TIME AND RESULTS OF THE INSPECTION; AND
 - C. THE DATE, TIME AND DESCRIPTION OF ANY MAINTENANCE OR REPAIRS RESULTING FROM THE INSPECTION.
- [RULE 3004 (a)(4)]
18. THE OPERATOR SHALL CONDUCT SOURCE TEST(S) IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:
- A. THE TEST SHALL BE CONDUCTED AT LEAST ONCE DURING THE LIFE OF THE PERMIT.
 - B. THE TEST SHALL BE CONDUCTED TO DETERMINE THE VOC EMISSIONS USING EPA METHOD 25 OR 25A MEASURED OVER A 60 MINUTE AVERAGING TIME PERIOD.
 - C. THE TEST SHALL BE CONDUCTED TO DEMONSTRATE COMPLIANCE WITH THE OVERALL VOC CONTROL EFFICIENCY.
- [RULE 3004 (a)(4)]

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Emissions And Requirements:

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

VOC: RULE 109
VOC: RULE 1162, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 481
CO: 2000 PPMV, RULE 407
PM: 0.1 GR/SCF, RULE 409
PM RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

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RULE 219 EQUIPMENT

Equipment Description:

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

Periodic Monitoring:

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 3004 (a) (4)]

Emissions and Requirements:

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

VOC: RULE 1113, SEE APPENDIX B FOR EMISSION LIMITS

VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS

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RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, HAND WIPING OPERATIONS.

Emissions And Requirements:

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

VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 109

FACILITY PERMIT TO OPERATE AMERICH CORPORATION

RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, HAND LAY, BRUSH AND ROLL UP RESIN OPERATIONS.

Emissions And Requirements:

1. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
 - VOC: RULE 1162, SEE APPENDIX B FOR EMISSION LIMITS
 - VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
 - VOC: RULE 109
 - HAP: 40 CFR 63 SUBPART WWW, SEE SECTION J FOR REQUIREMENTS