

FACILITY PERMIT TO OPERATE WESTERN TUBE & CONDUIT CORP

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.

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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
474335	G1760	GALVANIZING LINE NO.2
471341	F98027	COATING & DRYING EQ. CONT. ORGANIC
369295	F31125	OVEN, BAKING
445303	F77597	COATING & DRYING EQ. CONT. ORGANIC
369304	F31268	SPRAY MACHINE – COATING
470481	G1758	GALVANIZING LINE NO.4
471340	F98026	COATING & DRYING EQ. CONT. ORGANIC
369303	F31267	OVEN, BAKING
445304	F77958	COATING & DRYING EQ. CONT. ORGANIC
249509	D43449	SCRUBBER, OTHER VENTING S.S.
389690	F43355	BAGHOUSE, AMBIENT TEMP (>500 SQ FT)
337646	F13279	SPRAY EQUIPMENT OPEN
369296	F31126	SPRAY EQUIPMENT OPEN
369305	F31269	SPRAY EQUIPMENT OPEN
470496	F98024	SPRAY EQUIPMENT OPEN
470497	F98025	COATING & DRYING EQ. CONT. ORGANIC
470494	F98022	COATING & DRYING EQ. CONT. ORGANIC
389687	F43353	COATING & DRYING EQ. CONT. ORGANIC
249519	D41409	I C E (50-500 HP) EM ELEC GEN-DIESEL
367195	F45101	I C E (50-500 HP) ELEC GEN-NATURAL GAS
459071	F83922	SPRAY BOOTH PAINT AND SOLVENT
396472	F50517	I C E (50-500 HP) ELEC GEN-NATURAL GAS
474334	G1759	GALVANIZING LINE NO.6
369709	F48372	SCRUBBER, OTHER VENTING S.S.
470492	G1788	BAGHOUSE, AMBIENT TEMP (>500 SQ FT)
471342	F98028	COATING & DRYING EQ. CONT. ORGANIC
369714	F48374	OVEN, CURING
445305	F77959	SPRAY MACHINE – COATING
470490	F98021	FLOW COATER
470488	F98019	FLOW COATER
470489	F98020	FLOW COATER
470480	F98017	SPRAY BOOTH PAINT AND SOLVENT
470482	F98018	AFTERBURNER HOT ROCK BED TYPE
502918	G12447	AFTERBURNER HOT ROCK BED TYPE
506173	G12465	AFTERBURNER HOT ROCK BED TYPE
513986		TANK, SURFACE PREPARATION – OTHER ACIDS
513988		SCRUBBER, CONTROLLING HCL OR NH3 VENT MS
513990		HEATER/FURNACE (5-20 MMBTU/HR) NAT

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		GAS
513994		BAGHOUSE, AMBIENT TEMP (>500 SQ FT)
513997		BOILER (5-20 MMBTU/HR) NAT GAS
514000		BAGHOUSE, AMBIENT TEMP (>500 SQ FT)
516743		GALVANIZING LINE NO.2
516744		GALVANIZING LINE NO.4
516745		GALVANIZING LINE NO.6
519893		I C E (50-500 HP) EM ELEC GEN-DIESEL
521682		I C E (50-500 HP) EM ELEC GEN-NAT GAS

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. THE TOTAL AMOUNT OF VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS DISCHARGED TO THE ATMOSPHERE AT THIS FACILITY SHALL NOT EXCEED 1417 POUNDS IN ANY ONE DAY. FOR EQUIPMENT THAT IS VENTED TO AIR POLLUTION CONTROL (APC) EQUIPMENT, VOC EMISSIONS SHALL BE CALCULATED USING THE REQUIRED OVERALL CONTROL EFFICIENCY SPECIFIED IN THE PERMIT(S) FOR THE APC EQUIPMENT.
[RULE 1303(b)(2)-OFFSET]
3. IN ADDITION TO THE RECORDKEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THE FACILITY TO VERIFY DAILY VOC EMISSIONS, IN POUNDS, AND THE VOC CONTENT OF EACH MATERIAL, AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS. ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH 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.
[RULES 109, 1303(b)(2)-OFFSET]
4. THE OPERATOR SHALL NOT USE FUEL OIL CONTAINING SULFUR COMPOUNDS IN EXCESS OF 0.05 PERCENT BY WEIGHT.
[RULE 431.2]
5. AFTER JUNE 1, 2004, THE OPERATOR SHALL NOT PURCHASE ANY DIESEL FUEL UNLESS THE FUEL IS LOW SULFUR DIESEL FOR WHICH THE SULFUR CONTENT SHALL NOT EXCEED 15 PPM BY WEIGHT AS SUPPLIED BY THE SUPPLIER.
[RULE 431.2]
6. MATERIAL SAFETY DATA SHEETS FOR ALL COATINGS AND SOLVENTS USED AT THIS FACILITY SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1303(b)(2)-OFFSET]
7. TO MAINTAIN EXMPTION FROM THE NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS (NESHAP) REQUIREMENTS, THE TOTAL QUANTITY OF HAZARDOUS AIR POLLUTANT (HAP) EMISSIONS FROM THIS FACILITY SHALL NOT EXCEED 10 TONS (20,000 POUNDS) OF A SINGLE HAP OR 25 TONS (50,000 POUNDS) OF A COMBINATION OF HAPS IN ANY

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TWELVE CALENDAR MONTH PERIOD.
[40CFR63 SUBPART MMMM]

8. TO ENSURE COMPLIANCE WITH THE HAP(S) EMISSION CAPS, THE FACILITY OPERATOR SHALL:
 - (A) IN ADDITION TO THE RECORDKEEPING REQUIREMENTS OF RULE 109, KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT AND THIS FACILITY TO VERIFY THE MONTHLY HAP EMISSIONS IN POUNDS AND THE HAP CONTENT OF EACH MATERIAL AS APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS). THE RECORDS SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT.
 - (B) WITHIN 14 CALENDAR DAYS AFTER THE END OF EACH MONTH, TOTAL AND RECORD HAP EMISSIONS FOR THE MONTH FROM ALL EQUIPMENT AND OPERATIONS THAT ARE REQUIRED TO HAVE WRITTEN PERMITS OR ARE EXEMPT FROM WRITTEN PERMITS PURSUANT TO RULE 219. THE RECORD SHALL INCLUDE ANY PROCEDURES USED 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 WHICH INCLUDES ONLY THE NAME AND ADDRESS OF EACH PERSON FROM WHOM THE FACILITY ACQUIRED HAP-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 HAP-CONTAINING MATERIAL USED OR STORED AT THE FACILITY, AND ALL WASTE MANIFESTS FOR ALL WASTE HAP-CONTAINING MATERIAL REMOVED FROM THE FACILITY, FOR FIVE YEARS.
[40CFR63 SUBPART MMMM]

9. ALL RECORDS REQUIRED BY THIS PERMIT SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT, RETAINED AT THE FACILITY FOR FIVE YEARS, AND MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[40CFR63 SUBPART MMMM]

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PERMIT TO OPERATE

Permit No. G1760
A/N 474335

Equipment Description:

GALVANIZING LINE NO. 2 CONSISTING OF:

1. LOOPER BOX AND CLEANING TANK.
2. FORMING MILL.
3. SEAM WELDER, 300 KW.
4. CONDUIT COOLING TANK.
5. BUFFING WHEEL.
6. PICKLING TANK.
7. CONDUIT PREHEATER, ELECTRICALLY HEATED.
8. FURNACE, ZINC GALVANIZING, LINDBURG, HEVI-DUTY, KETTLE-TYPE, 3'-0" W. X 14'-0" L. X 3'-5" H., 1,600,000 BTU PER HOUR, NATURAL GAS-FIRED, WITH A 5 HP BLOWER.
9. COOLING TANK.
10. SIZING MILL.
11. CHROMATE COATER.
12. LACQUER COATER.
13. CONDUIT CUT OFF.
14. END BRUSHING MACHINE.

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]

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3. THE PICKLING TANK, FURNACE AND DROSS AREA SHALL NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1)-BACT]
4. THE TOTAL QUANTITY OF NATURAL GAS USED IN THIS EQUIPMENT AND THE EQUIPMENT OPERATING UNDER APPLICATION NUMBER 470481 SHALL NOT CUMULATIVELY EXCEED 3,600,000 CUBIC FEET IN ANY ONE MONTH.
[RULE 1303(b)(2)-OFFSET]
5. THE OPERATOR SHALL INSTALL AND MAINTAIN A NON-RESETTABLE TOTALIZING FUEL METER TO ACCURATELY INDICATE THE AMOUNT OF FUEL BEING SUPPLIED TO THE EQUIPMENT OPERATING UNDER APPLICATION NUMBERS 470481 AND 474335.
[RULE 1303(b)(2)-OFFSET]
6. THE TOTAL AMOUNT OF VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS FROM THE USE OF MATERIALS APPLIED IN THE CHROMATE, UV AND LACQUER COATERS PERMITTED UNDER APPLICATION NUMBERS 470481, 474334 AND 474335 SHALL NOT EXCEED 30 POUNDS IN ANY ONE DAY.
[RULE 1303(b)(2)-OFFSET]
7. IN ADDITION TO THE RECORDKEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY DAILY VOC EMISSIONS, IN POUNDS, AND THE VOC CONTENT OF EACH MATERIAL, AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS. ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH 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, 1303(b)(2)-OFFSET]
8. THE MATERIALS USED IN THE CHROMATE AND LACQUER COATERS SHALL HAVE A VOC CONTENT OF 5% BY WEIGHT OR LESS.
[RULE 1303(a)(1)-BACT]
9. MATERIALS USED IN THE CHROMATE AND LACQUER COATERS SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE 1, EXCEPT HEXAVALENT CHROMIUM, WITH AN EFFECTIVE DATE OF MAY 2, 2003 OR EARLIER.
[RULE 1401]

Periodic Monitoring:

10. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSIONS FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THERE IS A PUBLIC COMPLAINT OF VISIBLE EMISSIONS, WHENEVER VISIBLE EMISSIONS ARE OBSERVED, AND ON AN ANNUAL BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE ENTIRE ANNUAL PERIOD. THE ROUTINE ANNUAL INSPECTION SHALL BE CONDUCTED WHILE THE EQUIPMENT IS IN OPERATION AND DURING DAYLIGHT HOURS.

IF ANY VISIBLE EMISSIONS (NOT INCLUDING CONDENSED WATER VAPOR) ARE DETECTED

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THAT LAST MORE THAN THREE MINUTES IN ANY ONE-HOUR, THE OPERATOR SHALL VERIFY AND CERTIFY WITHIN 24 HOURS THAT THE EQUIPMENT CAUSING THE EMISSION AND ANY ASSOCIATED AIR POLLUTION CONTROL EQUIPMENT ARE OPERATING NORMALLY ACCORDING TO THEIR DESIGN AND STANDARD PROCEDURES AND UNDER THE SAME CONDITIONS UNDER WHICH COMPLIANCE WAS ACHIEVED IN THE PAST, AND EITHER:

- A. TAKE CORRECTIVE ACTION(S) THAT ELIMINATES THE VISIBLE EMISSIONS WITHIN 24 HOURS AND REPORT THE VISIBLE EMISSIONS AS A POTENTIAL DEVIATION IN ACCORDANCE WITH THE REPORTING REQUIREMENTS IN SECTION K OF THIS PERMIT; OR
- B. HAVE A CARB-CERTIFIED SMOKE READER DETERMINE COMPLIANCE WITH THE OPACITY STANDARD, USING EPA METHOD 9 OR THE PROCEDURES IN THE CARB MANUAL "VISIBLE EMISSION EVALUATION", WITHIN THREE BUSINESS DAYS AND REPORT ANY DEVIATIONS TO AQMD.

THE OPERATOR SHALL KEEP THE RECORDS IN ACCORDANCE WITH THE RECORDKEEPING REQUIREMENTS IN SECTION K OF THIS PERMIT AND THE FOLLOWING RECORDS:

- A. STACK OR EMISSION POINT IDENTIFICATION;
- B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
- D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.
[RULE 3004 (a)(4)]

Emissions And Requirements:

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

VOC: RULE 109
VOC: RULE 1107, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
CO: 2000 PPMV, RULE 407
PM: 0.1 GR/SCF, RULE 409
PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS
NOx: RULE 1147

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PERMIT TO OPERATE

Permit No. F98027
A/N 471341

Equipment Description:

OUTER DIAMETER COATING WIPER, LINE NO. 2, WITH ONE 3 HP 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. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE 1, EXCEPT LEAD CHROMATE, ETHYLENE GLYCOL MONOBUTYL ETHER, NAPHTHALENE, ISOPROPYL ALCOHOL, XYLENE, ETHYL BENZENE, FORMALDEHYDE, TOLUENE, PROPYLENE GLYCOL MONOMETHYL ETHER, CADMIUM AND NICKEL OXIDE WITH AN EFFECTIVE DATE OF MARCH 4, 2005 OR EARLIER.
[RULE 1401]
4. IN ADDITION TO THE RECORDKEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY DAILY VOC EMISSIONS, IN POUNDS, AND THE VOC CONTENT OF EACH MATERIAL, AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS. ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH 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, 1303(b)(2)-OFFSET]
5. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1)-BACT]

Emissions And Requirements:

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

VOC: RULE 109

VOC: RULE 1107, SEE APPENDIX B FOR EMISSION LIMITS

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VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

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PERMIT TO OPERATE

Permit No. F31125
A/N 369295

Equipment Description:

OVEN, LINE NO. 2, AJAX, 8" W. X 36" L. X 8" H., 500 KW ELECTRICALLY HEATED, WITH ONE 3 HP 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 EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1)-BACT]
4. IN ADDITION TO THE RECORDKEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY DAILY VOC EMISSIONS, IN POUNDS, AND THE VOC CONTENT OF EACH MATERIAL, AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS. ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH 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, 1303(b)(2)-OFFSET]

Emissions And Requirements:

5. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULE AND REGULATION:

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

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Permit No. F77957
A/N 445303

Equipment Description:

INSIDE DIAMETER SPRAY ENCLOSURE, LINE NO. 2, TELLKAMP SYSTEMS, 5'-0" W. X 31'-6" L. X 2'-0" H., WITH A VINYL CURTAIN ENCLOSURE AND ONE 10 HP 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. IN ADDITION TO THE RECORDKEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY DAILY VOC EMISSIONS, IN POUNDS, AND THE VOC CONTENT OF EACH MATERIAL, AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS. ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH 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, 1303(b)(2)-OFFSET]
4. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1)-BACT]
5. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE 1, WITH THE EXCEPTION OF CADMIUM, LEAD, TOLUENE, XYLENE, ETHYL BENZENE AND ISOPROPYL ALCOHOL, WITH AN EFFECTIVE DATE OF MARCH 4, 2005 OR EARLIER.
[RULE 1401]
6. THE TOTAL WEIGHT PERCENT OF CADMIUM AND LEAD IN THE MATERIALS USED IN THIS EQUIPMENT SHALL NOT EXCEED 0.0003% AND 0.00006%, RESPECTIVELY.
[RULE 1401]

Emissions And Requirements:

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

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VOC: RULE 109
VOC: RULE 1107, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

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PERMIT TO OPERATE

Permit No. F31268
A/N 369304

Equipment Description:

END SPRAY MACHINE SYSTEM, LINE NO. 2, CONSISTING OF:

1. FOUR AIRLISS SPRAY NOZZLES, SPRAYMATION.
2. TWO SPRAY ENCLOSURES, EACH 8" W. X 2'-0" L. X 2'-6" H.
3. EXHAUST SYSTEM CONSISTING OF ONE 1 ½ HP 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. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS, EXCEPT TOLUENE, IDENTIFIED IN RULE 1401, TABLE 1 WITH AN EFFECTIVE DATE OF MARCH 12, 1999 OR EARLIER.
[RULE 1401]
4. IN ADDITION TO THE RECORDKEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY DAILY VOC EMISSIONS, IN POUNDS, AND THE VOC CONTENT OF EACH MATERIAL, AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS. ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH 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, 1303(b)(2)-OFFSET]
5. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1)-BACT]

Emissions And Requirements:

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

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VOC: RULE 109
VOC: RULE 1107, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

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Permit No. G1758
A/N 470481

Equipment Description:

GALVANIZING LINE NO. 4 CONSISTING OF:

1. CLEANING TANK.
2. FORMING MILL.
3. SEAM WELDER, 300 KW.
4. BUFFING WHEEL.
5. PICKLING TANK.
6. CONDUIT PREHEATER, ELECTRICALLY HEATED.
7. FURNACE, ZINC GALVANIZING, LINDBURG, HEVI-DUTY, KETTLE-TYPE, 3'-6" W. X 20'-0" L. X 6'-3" H., 4,550,000 BTU PER HOUR, NATURAL GAS-FIRED, WITH A 7 ½ HP BLOWER.
8. COOLING TANK.
9. SIZING MILL.
10. CHROMATE COATER.
11. UV COATER.
12. LACQUER COATER.
13. UV CURE STATION, ELECTRICALLY HEATED.
14. CONDUIT CUT OFF.

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]

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3. THE PICKLING TANK, FURNACE AND DROSS AREA SHALL NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1)-BACT]
4. THE TOTAL QUANTITY OF NATURAL GAS USED IN THIS EQUIPMENT AND THE EQUIPMENT OF GALVANIZING LINE NO. 2 SHALL NOT CUMULATIVELY EXCEED 3,600,000 CUBIC FEET IN ANY ONE MONTH.
[RULE 1303(b)(2)-OFFSET]
5. THE OPERATOR SHALL INSTALL AND MAINTAIN A NON-RESETTABLE TOTALIZING FUEL METER TO ACCURATELY INDICATE THE AMOUNT OF FUEL BEING SUPPLIED TO THE EQUIPMENT OF GALVANIZING LINE NOS. 2 AND 4.
[RULE 1303(b)(2)-OFFSET]
6. THE TOTAL AMOUNT OF VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS FROM THE USE OF MATERIALS APPLIED IN THE CHROMATE, UV AND LACQUER COATERS OF GALVANIZING LINE NOS. 2, 4 AND 6 SHALL NOT EXCEED 30 POUNDS IN ANY ONE DAY.
[RULE 1303(b)(2)-OFFSET]
7. IN ADDITION TO THE RECORDKEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY DAILY VOC EMISSIONS, IN POUNDS, AND THE VOC CONTENT OF EACH MATERIAL, AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS. ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH 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, 1303(b)(2)-OFFSET]
8. THE MATERIALS USED IN THE CHROMATE, UV AND LACQUER COATERS SHALL HAVE A VOC CONTENT OF 5% BY WEIGHT OR LESS.
[RULE 1303(a)(1)-BACT]
9. MATERIALS USED IN THE CHROMATE AND LACQUER COATERS SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE 1, EXCEPT HEXAVALENT CHROMIUM, WITH AN EFFECTIVE DATE OF MAY 2, 2003 OR EARLIER.
[RULE 1401]
10. THE CLEANING MATERIAL USED IN THE CLEANING TANK SHALL NOT CONTAIN ANY VOC OR ANY TOXIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE 1, WITH AN EFFECTIVE DATE OF MARCH 7, 2008 OR EARLIER.
[RULE 1303(b)(2)-OFFSET, 1401]

Periodic Monitoring:

11. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSIONS FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THERE IS A PUBLIC COMPLAINT OF VISIBLE EMISSIONS, WHENEVER VISIBLE EMISSIONS ARE OBSERVED, AND ON AN ANNUAL BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE

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ENTIRE ANNUAL PERIOD. THE ROUTINE ANNUAL INSPECTION SHALL BE CONDUCTED WHILE THE EQUIPMENT IS IN OPERATION AND DURING DAYLIGHT HOURS.

IF ANY VISIBLE EMISSIONS (NOT INCLUDING CONDENSED WATER VAPOR) ARE DETECTED THAT LAST MORE THAN THREE MINUTES IN ANY ONE-HOUR, THE OPERATOR SHALL VERIFY AND CERTIFY WITHIN 24 HOURS THAT THE EQUIPMENT CAUSING THE EMISSION AND ANY ASSOCIATED AIR POLLUTION CONTROL EQUIPMENT ARE OPERATING NORMALLY ACCORDING TO THEIR DESIGN AND STANDARD PROCEDURES AND UNDER THE SAME CONDITIONS UNDER WHICH COMPLIANCE WAS ACHIEVED IN THE PAST, AND EITHER:

- A. TAKE CORRECTIVE ACTION(S) THAT ELIMINATES THE VISIBLE EMISSIONS WITHIN 24 HOURS AND REPORT THE VISIBLE EMISSIONS AS A POTENTIAL DEVIATION IN ACCORDANCE WITH THE REPORTING REQUIREMENTS IN SECTION K OF THIS PERMIT; OR
- B. HAVE A CARB-CERTIFIED SMOKE READER DETERMINE COMPLIANCE WITH THE OPACITY STANDARD, USING EPA METHOD 9 OR THE PROCEDURES IN THE CARB MANUAL "VISIBLE EMISSION EVALUATION", WITHIN THREE BUSINESS DAYS AND REPORT ANY DEVIATIONS TO AQMD.

THE OPERATOR SHALL KEEP THE RECORDS IN ACCORDANCE WITH THE RECORDKEEPING REQUIREMENTS IN SECTION K OF THIS PERMIT AND THE FOLLOWING RECORDS:

- A. STACK OR EMISSION POINT IDENTIFICATION;
- B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
- D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.
[RULE 3004 (a)(4)]

Emissions And Requirements:

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

VOC: RULE 109
VOC: RULE 1107, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
CO: 2000 PPMV, RULE 407
PM: 0.1 GR/SCF, RULE 409
PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS
NOx: RULE 1147

FACILITY PERMIT TO OPERATE WESTERN TUBE & CONDUIT CORP

PERMIT TO OPERATE

**Permit No. F98026
A/N 471340**

Equipment Description:

OUTER DIAMETER COATING WIPER, LINE NO. 4, WITH ONE 3 HP 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. IN ADDITION TO THE RECORDKEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY DAILY VOC EMISSIONS, IN POUNDS, AND THE VOC CONTENT OF EACH MATERIAL, AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS. ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH 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, 1303(b)(2)-OFFSET]
4. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1)-BACT]
5. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE 1, EXCEPT LEAD CHROMATE, ETHYLENE GLYCOL MONOBUTYL ETHER, NAPHTHALENE, ISOPROPYL ALCOHOL, XYLENE, ETHYL BENZENE, FORMALDEHYDE, TOLUENE, PROPYLENE GLYCOL MONOMETHYL ETHER, CADMIUM AND NICKEL OXIDE WITH AN EFFECTIVE DATE OF MARCH 4, 2005 OR EARLIER.
[RULE 1401]

Emissions And Requirements:

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

VOC: RULE 109

VOC: RULE 1107, SEE APPENDIX B FOR EMISSION LIMITS

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VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE WESTERN TUBE & CONDUIT CORP

PERMIT TO OPERATE

**Permit No. F31267
A/N 369303**

Equipment Description:

OVEN, LINE NO. 4, AJAX, 14" W. X 14" L. X 36" H., 750 KW ELECTRICALLY HEATED, WITH ONE 3 HP 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 EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1)-BACT]
4. IN ADDITION TO THE RECORDKEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY DAILY VOC EMISSIONS, IN POUNDS, AND THE VOC CONTENT OF EACH MATERIAL, AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS. ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH 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, 1303(b)(2)-OFFSET]

Emissions And Requirements:

5. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULE AND REGULATION:

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE WESTERN TUBE & CONDUIT CORP

PERMIT TO OPERATE

Permit No. F77958
A/N 445304

Equipment Description:

INSIDE DIAMETER SPRAY ENCLOSURE, LINE NO. 4, TELLKAMP SYSTEMS, 5'-6" W. X 30'-0" L. X 2'-0" H., WITH A VINYL CURTAIN ENCLOSURE AND ONE 10 HP 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. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE 1, WITH EXCEPTION OF CADMIUM, LEAD, TOLUENE, XYLENE, ETHYL BENZENE, AND ISOPROPYL ALCOHOL, WITH AN EFFECTIVE DATE OF MARCH 4, 2005 OR EARLIER.
[RULE 1401]
4. IN ADDITION TO THE RECORDKEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY DAILY VOC EMISSIONS, IN POUNDS, AND THE VOC CONTENT OF EACH MATERIAL, AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS. ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH 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, 1303(b)(2)-OFFSET]
5. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1)-BACT]
6. THE TOTAL WEIGHT PERCENT OF CADMIUM AND LEAD IN THE MATERIALS USED IN THIS EQUIPMENT SHALL NOT EXCEED 0.0003% AND 0.00006%, RESPECTIVELY.
[RULE 1401]

Emissions And Requirements:

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

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VOC: RULE 109
VOC: RULE 1107, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE WESTERN TUBE & CONDUIT CORP

PERMIT TO OPERATE

Permit No. D43449
A/N 249509

Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. WATER SCRUBBER, MODEL SEV-5085, 5'-0" DIA. X 10'-0" H., WITH A 2-HP WATER PUMP.
2. EXHAUST SYSTEM WITH A 10-HP BLOWER VENTING TWO INDUCTION COIL STATIONS AND TWO ACID PICKLING TANK STATIONS.

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. NOT LESS THAN 80 GALLONS PER MINUTE OF SCRUBBING SOLUTION SHALL BE SUPPLIED TO THE SCRUBBER WHEN THE EQUIPMENT IT SERVES IS IN OPERATION.
[RULE 1303(a)(1)-BACT]
4. A FLOWMETER, INDICATING GALLONS PER MINUTE SHALL BE INSTALLED IN THE SCRUBBING SOLUTION SUPPLY LINE TO THE SCRUBBER.
[RULE 1303(a)(1)-BACT]
5. THE CAUSTIC SOLUTION SHALL BE MAINTAINED AT A MINIMUM pH LEVEL OF 8.0.
[RULE 1303(a)(1)-BACT]

Periodic Monitoring:

6. THE OPERATOR SHALL DETERMINE AND RECORD THE FLOW RATE OF THE SCRUBBING SOLUTION ONCE EVERY DAY.
[RULE 3004 (a)(4)]
7. THE OPERATOR SHALL INSTALL AND MAINTAIN A pH METER TO ACCURATELY INDICATE THE pH OF THE SCRUBBING SOLUTION. THE OPERATOR SHALL DETERMINE AND RECORD THE PARAMETER BEING MONITORED ONCE EVERY DAY.
[RULE 3004 (a)(4)]

FACILITY PERMIT TO OPERATE WESTERN TUBE & CONDUIT CORP

Emissions And Requirements:

8. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULE AND REGULATION:

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE WESTERN TUBE & CONDUIT CORP

PERMIT TO OPERATE

Permit No. F43355
A/N 389690

Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. BAGHOUSE, REES, BLOW PIPE, MODEL 3-1800AE, S/N M6154, WITH 360 FILTER BAGS, EACH 6" DIA. X 11'-2" L., THREE ½ HP SHAKERS, ONE 1 HP SCREEN CONVEYOR AND AN ENCLOSED DUST CONTAINER.
2. EXHAUST SYSTEM, WITH A 30 HP BLOWER VENTING TWO GALVANIZING FURNACES AND DROSS CONTAINERS.

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. DUST COLLECTED IN THE BAGHOUSE SHALL BE DISCHARGED ONLY INTO CLOSED CONTAINERS.
[RULE 1303(a)(1)-BACT]

Periodic Monitoring:

4. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSIONS FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THERE IS A PUBLIC COMPLAINT OF VISIBLE EMISSIONS, WHENEVER VISIBLE EMISSIONS ARE OBSERVED, AND ON A QUARTERLY BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE ENTIRE QUARTERLY PERIOD. THE ROUTINE QUARTERLY INSPECTION SHALL BE CONDUCTED WHILE THE EQUIPMENT IS IN OPERATION AND DURING DAYLIGHT HOURS. IF ANY VISIBLE EMISSIONS (NOT INCLUDING CONDENSED WATER VAPOR) ARE DETECTED, THE OPERATOR SHALL TAKE CORRECTIVE ACTION(S) THAT ELIMINATES THE VISIBLE EMISSIONS WITHIN 24 HOURS AND REPORT THE VISIBLE EMISSIONS AS A POTENTIAL DEVIATION IN ACCORDANCE WITH THE REPORTING REQUIREMENTS IN SECTION K OF THIS PERMIT.
THE OPERATOR SHALL KEEP THE RECORDS IN ACCORDANCE WITH THE RECORDKEEPING REQUIREMENTS IN SECTION K OF THIS PERMIT AND THE FOLLOWING RECORDS:
 - A. STACK OR EMISSION POINT IDENTIFICATION;
 - B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS; AND

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C. DATE AND TIME VISIBLE EMISSION WAS ABATED.
[RULE 3004 (a)(4)]

5. THE OPERATOR SHALL PERFORM AN ANNUAL 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)]

Emissions And Requirements:

6. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULE AND REGULATION:

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE WESTERN TUBE & CONDUIT CORP

PERMIT TO OPERATE

Permit No. F13279
A/N 337646

Equipment Description:

OPEN SPRAY EQUIPMENT, METALIZING, SULZER-METCO, MODEL TYPE 5K.

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 TOTAL QUANTITY OF ZINC METALIZING WIRE USED IN THIS EQUIPMENT SHALL NOT EXCEED 400 POUNDS IN ANY ONE DAY.
[RULE 1303(b)(2)-OFFSET]
4. THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO VERIFY THE DAILY USAGE OF ZINC METALIZING WIRE. ALL RECORDS SHALL BE RETAINED ON THE PREMISES FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1303(b)(2)-OFFSET]
5. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY COMPOUND IDENTIFIED AS A CARCINOGENIC AIR CONTAMINANT IN RULE 1401, AS AMENDED DECEMBER 7, 1990.
[RULE 1401]

Periodic Monitoring:

6. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSIONS FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THERE IS A PUBLIC COMPLAINT OF VISIBLE EMISSIONS, WHENEVER VISIBLE EMISSIONS ARE OBSERVED, AND ON A SEMI-ANNUAL BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE ENTIRE SEMI-ANNUAL PERIOD. THE ROUTINE SEMI-ANNUAL INSPECTION SHALL BE CONDUCTED WHILE THE EQUIPMENT IS IN OPERATION AND DURING DAYLIGHT HOURS.

IF ANY VISIBLE EMISSIONS (NOT INCLUDING CONDENSED WATER VAPOR) ARE DETECTED THAT LAST MORE THAN THREE MINUTES IN ANY ONE-HOUR, THE OPERATOR SHALL VERIFY AND CERTIFY WITHIN 24 HOURS THAT THE EQUIPMENT CAUSING THE EMISSION AND ANY ASSOCIATED AIR POLLUTION CONTROL EQUIPMENT ARE OPERATING NORMALLY ACCORDING TO THEIR DESIGN AND STANDARD PROCEDURES AND UNDER THE SAME CONDITIONS UNDER WHICH COMPLIANCE WAS ACHIEVED IN THE PAST, AND EITHER:

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- A. TAKE CORRECTIVE ACTION(S) THAT ELIMINATES THE VISIBLE EMISSIONS WITHIN 24 HOURS AND REPORT THE VISIBLE EMISSIONS AS A POTENTIAL DEVIATION IN ACCORDANCE WITH THE REPORTING REQUIREMENTS IN SECTION K OF THIS PERMIT; OR
- B. HAVE A CARB-CERTIFIED SMOKE READER DETERMINE COMPLIANCE WITH THE OPACITY STANDARD, USING EPA METHOD 9 OR THE PROCEDURES IN THE CARB MANUAL "VISIBLE EMISSION EVALUATION", WITHIN THREE BUSINESS DAYS AND REPORT ANY DEVIATIONS TO AQMD.

THE OPERATOR SHALL KEEP THE RECORDS IN ACCORDANCE WITH THE RECORDKEEPING REQUIREMENTS IN SECTION K OF THIS PERMIT AND THE FOLLOWING RECORDS:

- A. STACK OR EMISSION POINT IDENTIFICATION;
- B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
- D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.
[RULE 3004 (a)(4)]

Emissions And Requirements:

- 7. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULE AND REGULATION:

PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE WESTERN TUBE & CONDUIT CORP

PERMIT TO OPERATE

Permit No. F31126
A/N 369296

Equipment Description:

OPEN SPRAY EQUIPMENT CONSISTING OF:

1. TWO HVLP SPRAY GUNS.
2. ONE 5 GALLON PRESSURE POT.

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. IN ADDITION TO THE RECORDKEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY DAILY VOC EMISSIONS, IN POUNDS, AND THE VOC CONTENT OF EACH MATERIAL, AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS. ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH 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, 1303(b)(2)-OFFSET]

Emissions And Requirements:

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

VOC: RULE 109
VOC: RULE 1107, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS

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PERMIT TO OPERATE

Permit No. F31269
A/N 369305

Equipment Description:

OPEN SPRAY EQUIPMENT CONSISTING OF:

1. TWO HVLP SPRAY GUNS.
2. TWO 5 GALLON PRESSURE POTS.

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 TOTAL AMOUNT OF VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS DISCHARGED FROM THIS EQUIPMENT SHALL NOT EXCEED 40 POUNDS IN ANY ONE DAY.
[RULE 1303(b)(2)-OFFSET]
4. IN ADDITION TO THE RECORDKEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY DAILY VOC EMISSIONS, IN POUNDS, AND THE VOC CONTENT OF EACH MATERIAL, AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS. ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH 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, 1303(b)(2)-OFFSET]
5. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY CARCINOGENIC COMPOUNDS (i.e. COMPOUNDS LISTED WITH A UNIT RISK FACTOR) IDENTIFIED IN RULE 1401, TABLE 1, WITH AN EFFECTIVE DATE OF DECEMBER 7, 1990 OR EARLIER.
[RULE 1401]

Emissions And Requirements:

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

VOC: RULE 109

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VOC: RULE 1107, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE WESTERN TUBE & CONDUIT CORP

PERMIT TO OPERATE

Permit No. F98024
A/N 470496

Equipment Description:

OPEN SPRAY EQUIPMENT CONSISTING OF:

1. ONE HVLP SPRAY GUN.
2. ONE 5 GALLON PRESSURE POT, LE GRANGE.
3. AIR MIX MOTOR, DEVILBISS TYPE QS.

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. IN ADDITION TO THE RECORDKEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY DAILY VOC EMISSIONS, IN POUNDS, AND THE VOC CONTENT OF EACH MATERIAL, AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS. ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH 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, 1303(b)(2)-OFFSET]
4. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY CARCINOGENIC COMPOUNDS (i.e. COMPOUNDS LISTED WITH A UNIT RISK FACTOR) IDENTIFIED IN RULE 1401, TABLE I, WITH AN EFFECTIVE DATE OF DECEMBER 7, 1990 OR EARLIER.
[RULE 1401]

Emissions And Requirements:

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

VOC: RULE 109

VOC: RULE 1107, SEE APPENDIX B FOR EMISSION LIMITS

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VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE WESTERN TUBE & CONDUIT CORP

PERMIT TO OPERATE

**Permit No. F98025
A/N 470497**

Equipment Description:

CONVEYORIZED SPRAY SYSTEM CONSISTING OF:

1. TWO HVLP SPRAY GUNS, BINKS MACH I, MODEL NO. BBR.
2. EXHAUST SYSTEM CONSISTING OF TWO 1'-4" X 2'-6" EXHAUST FILTERS AND ONE 1 ½ HP EXHAUST FAN.
3. ONE 1 HP CONVEYOR MOTOR.

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 TOTAL AMOUNT OF VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS DISCHARGED TO THE ATMOSPHERE FROM THIS EQUIPMENT SHALL NOT EXCEED 21 POUNDS IN ANY ONE DAY.
[RULE 1303(b)(2)-OFFSET]
4. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY CARCINOGENIC COMPOUNDS (i.e. COMPOUNDS LISTED WITH A UNIT RISK FACTOR) IDENTIFIED IN RULE 1401, TABLE 1 WITH AN EFFECTIVE DATE OF DECEMBER 7, 1990 OR EARLIER.
[RULE 1401]
5. IN ADDITION TO THE RECORDKEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY DAILY VOC EMISSIONS, IN POUNDS, AND THE VOC CONTENT OF EACH MATERIAL, AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS. ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH 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, 1303(b)(2)-OFFSET]

Periodic Monitoring:

6. THE OPERATOR SHALL PERFORM A WEEKLY INSPECTION OF THE EQUIPMENT AND FILTER MEDIA FOR LEAKS, BROKEN OR TORN FILTER MEDIA AND IMPROPERLY INSTALLED FILTER

FACILITY PERMIT TO OPERATE WESTERN TUBE & CONDUIT CORP

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)]
7. THE OPERATOR SHALL NOT USE THIS EQUIPMENT UNLESS ALL EXHAUST AIR PASSES THROUGH A FILTER MEDIA AT LEAST 2 INCHES THICK.
[RULE 3004 (a)(4)]
8. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE DIFFERENTIAL PRESSURE ACROSS THE FILTER DOES NOT EXCEED 0.25 INCHES WATER COLUMN. TO COMPLY WITH THIS CONDITION THE OPERATOR SHALL INSTALL AND MAINTAIN A PRESSURE GAUGE TO ACCURATELY INDICATE THE DIFFERENTIAL PRESSURE ACROSS THE FILTER. THE OPERATOR SHALL DETERMINE AND RECORD THE PARAMETER BEING MONITORED ONCE EVERY WEEK.
[RULE 3004 (a)(4)]

Emissions And Requirements:

9. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- VOC: RULE 109
VOC: RULE 1107, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE WESTERN TUBE & CONDUIT CORP

PERMIT TO OPERATE

Permit No. F98022
A/N 470494

Equipment Description:

CONVEYORIZED SPRAY SYSTEMS CONSISTING OF:

1. TWO HVLP SPRAY GUNS, BINKS MACH I, MODEL NO. BBR.
2. EXHAUST SYSTEM CONSISTING OF TWO 1'-4" X 2'-6" EXHAUST FILTERS AND ONE 1 ½ HP EXHAUST FAN.
3. ONE 1 HP CONVEYOR MOTOR.

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 TOTAL AMOUNT OF VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS DISCHARGED TO THE ATMOSPHERE FROM THIS EQUIPMENT SHALL NOT EXCEED 21 POUNDS IN ANY ONE DAY.
[RULE 1303(b)(2)-OFFSET]
4. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY CARCINOGENIC COMPOUNDS (i.e. COMPOUNDS LISTED WITH A UNIT RISK FACTOR) IDENTIFIED IN RULE 1401, TABLE 1 WITH AN EFFECTIVE DATE OF DECEMBER 7, 1990 OR EARLIER.
[RULE 1401]
5. IN ADDITION TO THE RECORDKEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY DAILY VOC EMISSIONS, IN POUNDS, AND THE VOC CONTENT OF EACH MATERIAL, AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS. ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH 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, 1303(b)(2)-OFFSET]

Periodic Monitoring:

6. THE OPERATOR SHALL PERFORM A WEEKLY INSPECTION OF THE EQUIPMENT AND FILTER MEDIA FOR LEAKS, BROKEN OR TORN FILTER MEDIA AND IMPROPERLY INSTALLED FILTER

FACILITY PERMIT TO OPERATE WESTERN TUBE & CONDUIT CORP

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)]
7. THE OPERATOR SHALL NOT USE THIS EQUIPMENT UNLESS ALL EXHAUST AIR PASSES THROUGH A FILTER MEDIA AT LEAST 2 INCHES THICK.
[RULE 3004 (a)(4)]
8. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE DIFFERENTIAL PRESSURE ACROSS THE FILTER DOES NOT EXCEED 0.25 INCHES WATER COLUMN. TO COMPLY WITH THIS CONDITION THE OPERATOR SHALL INSTALL AND MAINTAIN A PRESSURE GAUGE TO ACCURATELY INDICATE THE DIFFERENTIAL PRESSURE ACROSS THE FILTER. THE OPERATOR SHALL DETERMINE AND RECORD THE PARAMETER BEING MONITORED ONCE EVERY WEEK.
[RULE 3004 (a)(4)]

Emissions And Requirements:

9. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- VOC: RULE 109
VOC: RULE 1107, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE WESTERN TUBE & CONDUIT CORP

PERMIT TO OPERATE

Permit No. F43353
A/N 389687

Equipment Description:

CONVEYORIZED SPRAY SYSTEMS CONSISTING OF:

1. FOUR HVLP SPRAY GUNS, BINKS MACH 1, MODEL NO. BBR.
2. EXHAUST SYSTEM CONSISTING OF TWO 6" X 60" EXHAUST FILTERS AND ONE 1 ½ HP EXHAUST FAN.
3. ONE ½ HP CONVEYOR MOTOR.

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 TOTAL AMOUNT OF VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS DISCHARGED TO THE ATMOSPHERE FROM THIS EQUIPMENT SHALL NOT EXCEED 21 POUNDS IN ANY ONE DAY.
[RULE 1303(b)(2)-OFFSET]
4. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY CARCINOGENIC COMPOUNDS (i.e. COMPUNDS LISTED WITH A UNIT RISK FACTOR) IDENTIFIED IN RULE 1401, TABLE 1 WITH AN EFFECTIVE DATE OF DECEMBER 7, 1990 OR EARLIER.
[RULE 1401]
5. IN ADDITION TO THE RECORDKEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY DAILY VOC EMISSIONS, IN POUNDS, AND THE VOC CONTENT OF EACH MATERIAL, AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS. ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH 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, 1303(b)(2)-OFFSET]

Periodic Monitoring:

6. THE OPERATOR SHALL PERFORM A WEEKLY INSPECTION OF THE EQUIPMENT AND FILTER MEDIA FOR LEAKS, BROKEN OR TORN FILTER MEDIA AND IMPROPERLY INSTALLED FILTER

FACILITY PERMIT TO OPERATE WESTERN TUBE & CONDUIT CORP

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)]
7. THE OPERATOR SHALL NOT USE THIS EQUIPMENT UNLESS ALL EXHAUST AIR PASSES THROUGH A FILTER MEDIA AT LEAST 2 INCHES THICK.
[RULE 3004 (a)(4)]
8. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE DIFFERENTIAL PRESSURE ACROSS THE FILTER DOES NOT EXCEED 0.25 INCHES WATER COLUMN. TO COMPLY WITH THIS CONDITION THE OPERATOR SHALL INSTALL AND MAINTAIN A PRESSURE GAUGE TO ACCURATELY INDICATE THE DIFFERENTIAL PRESSURE ACROSS THE FILTER. THE OPERATOR SHALL DETERMINE AND RECORD THE PARAMETER BEING MONITORED ONCE EVERY WEEK.
[RULE 3004 (a)(4)]

Emissions And Requirements:

9. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- VOC: RULE 109
VOC: RULE 1107, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE WESTERN TUBE & CONDUIT CORP

PERMIT TO OPERATE

Permit No. R-D41409
A/N 249519

Equipment Description:

INTERNAL COMBUSTION ENGINE, WHITE, DIESEL-FUELED, EMERGENCY ELECTRICAL GENERATOR, MODEL NO. 4014048, 6 CYLINDERS, 4 CYCLES, TURBOCHARGED, 180 BHP, WITH 1 EXHAUST.

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]

Periodic Monitoring:

3. THE OPERATOR SHALL LIMIT THE OPERATING TIME OF THE ENGINE TO LESS THAN 200 HOURS IN ANY ONE YEAR. THE OPERATOR SHALL INSTALL AND MAINTAIN A NON-RESETABLE ELAPSED TIME METER TO ACCURATELY INDICATE THE ELAPSED OPERATING TIME OF THE ENGINE.
[RULE 3004 (a)(4)]
4. A LOG LISTING THE ENGINE OPERATING TIME, IN HOURS, AND THE REASON FOR OPERATION SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1110.2, 1304(a)(4)]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1470

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PERMIT TO OPERATE

Permit No. F45101
A/N 367195

Equipment Description:

INTERNAL COMBUSTION ENGINE, CATERPILLAR, NATURAL GAS FIRED, MODEL NO. G3406TA-90, TURBOCHARGED, AFTERCOOLED, SIX CYLINDERS, FOUR CYCLE, 292 HP, WITH A THREE-WAY CATALYTIC CONVERTER, MIRATECH, MODEL NO. EQ-400-08-D2 AND AN AIR/FUEL RATIO CONTROLLER, MIRATECH, MODEL NO. MEC-2001-1.

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. THIS EQUIPMENT SHALL NOT BE OPERATED IN EXCESS OF THE FOLLOWING EMISSION LIMITS:

NOX = 0.15 G/BHP-HR
VOC = 0.15 G/BHP-HR
CO = 0.6 G/BHP-HR
[RULE 1303(a)(1)-BACT]

Periodic Monitoring:

4. THE OPERATOR SHALL INSTALL AND MAINTAIN A TEMPERATURE GAUGE TO ACCURATELY INDICATE THE TEMPERATURE AT THE INLET AND OUTLET OF THE CATALYST. THE OPERATOR SHALL ALSO INSTALL AND MAINTAIN A DEVICE TO CONTINUOUSLY RECORD THE PARAMETER BEING MEASURED.
[RULE 3004 (a)(4)]
5. THE OPERATOR SHALL DETERMINE COMPLIANCE WITH THE NOX AND CO EMISSION LIMITS BY CONDUCTING A TEST(S) IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:
 - A. THE TEST(S) SHALL BE CONDUCTED ANNUALLY BY AN INDEPENDENT TESTING LABORATORY USING A PORTABLE ANALYZER AND IN ACCORDANCE WITH AQMD TESTING GUIDELINES (PROTOCOL) FOR PERIODIC MONITORING OF NITROGEN OXIDES, CARBON MONOXIDE, AND SULFUR DIOXIDE AT TITLE V FACILITIES.
 - B. THE TEST(S) SHALL BE CONDUCTED EVERY QUARTER BY THE OPERATOR OR BY AN INDEPENDENT TESTING LABORATORY USING A PORTABLE ANALYZER AND IN ACCORDANCE WITH AQMD TESTING GUIDELINES (PROTOCOL) FOR PERIODIC

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MONITORING OF NITROGEN OXIDES, CARBON MONOXIDE, AND SULFUR DIOXIDE AT TITLE V FACILITIES.

- C. THE TEST(S) FREQUENCY SHALL BE INCREASED TO MONTHLY, NO LATER THAN 30 DAYS AFTER THE DISCOVERY OF AN EXCEEDANCE OF AN EMISSION LIMIT(S).
- D. THE MONTHLY TEST(S) FREQUENCY SHALL BE REDUCED TO AT LEAST QUARTERLY, IF THREE CONSECUTIVE MONTHLY TESTS SHOW COMPLIANCE WITH THE EMISSION LIMITS.
- E. THE TEST(S) SHALL BE CONDUCTED WHEN THIS EQUIPMENT IS OPERATING UNDER NORMAL CONDITIONS. THE OPERATOR SHALL COMPLY WITH ALL GENERAL TESTING, REPORTING, AND RECORDKEEPING REQUIREMENTS IN SECTIONS E AND K OF THIS PERMIT.
[RULE 3004 (a)(4)]

Emissions And Requirements:

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

NOx: 45 PPMV, RULE 1110.2
NOx: 0.15 G/BHP-HR, RULE 1303(a)(1)-BACT
VOC: 250 PPMV, RULE 1110.2
VOC: 0.15 G/BHP-HR, RULE 1303(a)(1)-BACT
CO: 2000 PPMV, RULE 1110.2
CO: 0.6 G/BHP-HR, RULE 1303(a)(1)-BACT
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

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PERMIT TO OPERATE

Permit No. F83922
A/N 459071

Equipment Description:

SPRAY BOOTH, FLOOR TYPE, EAGLE, MODEL NO. EIB 68, 8'-8" W. X 6'-0" D. X 9'-6" H., WITH EIGHT 20" X 20" EXHAUST FILTERS AND ONE 2 HP EXHAUST FAN.

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. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS ALL EXHAUST AIR PASSES THROUGH FILTER MEDIA AT LEAST TWO INCHES THICK.
[RULE 1303(a)(1)-BACT]
4. A GAUGE SHALL BE INSTALLED 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. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE 1, WITH THE EXCEPTION OF TOLUENE, ETHYL BENZENE AND XYLENE WITH AN EFFECTIVE DATE OF MAY 2, 2003 OR EARLIER.
[RULE 1401]
6. ONLY TOUCH-UP COATINGS SHALL BE APPLIED IN THIS EQUIPMENT.
[RULE 1132]
7. THE VOC CONTENT OF THE TOUCH-UP COATINGS SHALL NOT EXCEED 1.23 POUNDS PER GALLON, LESS WATER AND EXEMPT COMPOUNDS.
[RULE 1132]
8. THE TOTAL AMOUNT OF VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS DISCHARGED TO THE ATMOSPHERE FROM THIS EQUIPMENT SHALL NOT EXCEED 30 POUNDS IN ANY ONE DAY.
[RULE 1303(b)(2)-OFFSET]

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9. IN ADDITION TO THE RECORDKEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY DAILY VOC EMISSIONS, IN POUNDS, AND THE VOC CONTENT OF EACH MATERIAL, AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS. ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH 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, 1303(b)(2)-OFFSET]

Periodic Monitoring:

10. THE OPERATOR SHALL DETERMINE AND RECORD THE PRESSURE DROP ACROSS THE FILTER MEDIA ONCE EVERY WEEK.
[RULE 3004 (a)(4)]
11. 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)]

Emissions And Requirements:

12. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- VOC: RULE 109
 - VOC: RULE 1107, SEE APPENDIX B FOR EMISSION LIMITS
 - VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
 - VOC: RULE 1132
 - PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
 - PM: RULE 481

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PERMIT TO OPERATE

Permit No. F50517
A/N 396472

Equipment Description:

INTERNAL COMBUSTION ENGINE, GENERAC, NATURAL GAS FIRED, EMERGENCY ELECTRICAL GENERATION, MODEL NO. 5.7 NGNA, NATURALLY ASPIRATED, EIGHT CYLINDERS, FOUR CYCLE, 91½ BHP, WITH A THREE-WAY CATALYTIC CONVERTER.

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. THIS EQUIPMENT SHALL NOT BE OPERATED IN EXCESS OF THE FOLLOWING EMISSION LIMITS:

NOX = 1.5 G/BHP-HR
VOC = 1.5 G/BHP-HR
CO = 2.0 G/BHP-HR
[RULE 1303(a)(1)-BACT]
4. A NON-RESETTABLE TIMER SHALL BE INSTALLED AND MAINTAINED SO AS TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1110.2, 1304(a)(4)]
5. THIS ENGINE SHALL BE OPERATED LESS THAN 200 HOURS IN ANY ONE YEAR.
[RULE 1110.2, 1304(a)(4)]
6. A LOG LISTING THE ENGINE OPERATING TIME, IN HOURS, AND THE REASON FOR OPERATION SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1110.2, 1304(a)(4)]

Periodic Monitoring:

7. THE OPERATOR SHALL INSTALL AND MAINTAIN A TEMPERATURE GAUGE TO ACCURATELY INDICATE THE TEMPERATURE AT THE INLET AND OUTLET OF THE CATALYST. THE OPERATOR SHALL ALSO INSTALL AND MAINTAIN A DEVICE TO CONTINUOUSLY RECORD THE PARAMETER BEING MEASURED.
[RULE 3004 (a)(4)]

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Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
NOX: 1.5 G/BHP-HR, RULE 1303(a)(1)-BACT
VOC: 1.5 G/BHP-HR, RULE 1303(a)(1)-BACT
CO: 2.0 G/BHP-HR, RULE 1303(a)(1)-BACT

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PERMIT TO OPERATE

Permit No. G1759
A/N 474334

Equipment Description:

GALVANIZING LINE NO. 6 CONSISTING OF:

1. STRIP ACCUMULATOR AND CLEANING TANK.
2. FORMING MILL.
3. SEAM WELDER, 400 KW.
4. SQUARING STAND.
5. PICKLING TANK, 4'-0" W. X 8'-0" L. X 3'-0" D., UNHEATED.
6. INDUCTION COIL STATION.
7. CONDUIT PREHEATER, ELECTRICALLY HEATED.
8. FURNACE, ZINC GALVANIZING, AJAX MAGNETHERMIC, MODEL NO. EHG2, 120 KW ELECTRICALLY HEATED WITH A DROSSING AREA.
9. COOLING TANK.
10. SIZING MILL.
11. CHROMATE COATER.
12. LACQUER COATER.
13. CONDUIT CUT OFF.
14. END BRUSHING MACHINE.

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]

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3. THE PICKLING TANK, INDUCTION COIL STATION, FURNACE AND DROSS AREA SHALL NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1)-BACT]
4. THE TOTAL AMOUNT OF VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS FROM THE USE OF MATERIALS APPLIED IN THE CHROMATE, UV AND LACQUER COATERS PERMITTED UNDER APPLICATION NUMBERS 470481, 474334 AND 474335 SHALL NOT EXCEED 30 POUNDS IN ANY ONE DAY.
[RULE 1303(b)(2)-OFFSET]
5. IN ADDITION TO THE RECORDKEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY DAILY VOC EMISSIONS, IN POUNDS, AND THE VOC CONTENT OF EACH MATERIAL, AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS. ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH 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, 1303(b)(2)-OFFSET]
6. THE MATERIALS USED IN THE CHROMATE AND LACQUER COATERS SHALL HAVE A VOC CONTENT OF 5% BY WEIGHT OR LESS.
[RULE 1303(a)(1)-BACT]
7. MATERIALS USED IN THE CHROMATE AND LACQUER COATERS SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE 1, EXCEPT HEXAVALENT CHROMIUM, WITH AN EFFECTIVE DATE OF MAY 2, 2003 OR EARLIER.
[RULE 1401]

Periodic Monitoring:

8. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSIONS FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THERE IS A PUBLIC COMPLAINT OF VISIBLE EMISSIONS, WHENEVER VISIBLE EMISSIONS ARE OBSERVED, AND ON AN ANNUAL BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE ENTIRE ANNUAL PERIOD. THE ROUTINE ANNUAL INSPECTION SHALL BE CONDUCTED WHILE THE EQUIPMENT IS IN OPERATION AND DURING DAYLIGHT HOURS.

IF ANY VISIBLE EMISSIONS (NOT INCLUDING CONDENSED WATER VAPOR) ARE DETECTED THAT LAST MORE THAN THREE MINUTES IN ANY ONE-HOUR, THE OPERATOR SHALL VERIFY AND CERTIFY WITHIN 24 HOURS THAT THE EQUIPMENT CAUSING THE EMISSION AND ANY ASSOCIATED AIR POLLUTION CONTROL EQUIPMENT ARE OPERATING NORMALLY ACCORDING TO THEIR DESIGN AND STANDARD PROCEDURES AND UNDER THE SAME CONDITIONS UNDER WHICH COMPLIANCE WAS ACHIEVED IN THE PAST, AND EITHER:

- A. TAKE CORRECTIVE ACTION(S) THAT ELIMINATES THE VISIBLE EMISSIONS WITHIN 24 HOURS AND REPORT THE VISIBLE EMISSIONS AS A POTENTIAL DEVIATION IN ACCORDANCE WITH THE REPORTING REQUIREMENTS IN SECTION K OF THIS PERMIT; OR

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- B. HAVE A CARB-CERTIFIED SMOKE READER DETERMINE COMPLIANCE WITH THE OPACITY STANDARD, USING EPA METHOD 9 OR THE PROCEDURES IN THE CARB MANUAL "VISIBLE EMISSION EVALUATION", WITHIN THREE BUSINESS DAYS AND REPORT ANY DEVIATIONS TO AQMD.

THE OPERATOR SHALL KEEP THE RECORDS IN ACCORDANCE WITH THE RECORDKEEPING REQUIREMENTS IN SECTION K OF THIS PERMIT AND THE FOLLOWING RECORDS:

- A. STACK OR EMISSION POINT IDENTIFICATION;
- B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
- D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.
[RULE 3004 (a)(4)]

Emissions And Requirements:

9. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULE AND REGULATION:

VOC: RULE 109
VOC: RULE 1107, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE WESTERN TUBE & CONDUIT CORP

PERMIT TO OPERATE

Permit No. F48372
A/N 369709

Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. SCRUBBER, VANAIRE, PACKED-BED TYPE, 3'-6" DIA. X 15'-0' H., WITH A 3'-6" DIA. X 0'-8" H. MIST ELIMINATOR.
2. EXHAUST SYSTEM CONSISTING OF ONE 3 HP BLOWER VENTING ONE INDUCTION COIL STATION AND ONE ACID PICKLING TANK.

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 pH CONTROLLER FOR THE CIRCULATING SCRUBBING SOLUTION OF THIS EQUIPMENT SHALL BE SET AT 9 OR HIGHER.
[RULE 1303(a)(1)-BACT]
4. A FLOWMETER, INDICATING GALLONS PER MINUTE (GPM), SHALL BE INSTALLED AND MAINTAINED IN THE CIRCULATING SCRUBBING SOLUTION SUPPLY LINE TO THE SPRAY NOZZLES.
[RULE 1303(a)(1)-BACT]
5. THE CIRCULATING SCRUBBING SOLUTION SUPPLIED TO THE SPRAY NOZZLES SHALL NOT BE LESS THAN 60 GPM WHENEVER THE EQUIPMENT SERVED BY THIS SCRUBBER IS IN OPERATION.
[RULE 1303(a)(1)-BACT]

Periodic Monitoring:

6. THE OPERATOR SHALL DETERMINE AND RECORD THE FLOW RATE OF THE SCRUBBING SOLUTION ONCE EVERY DAY.
[RULE 3004 (a)(4)]
7. THE OPERATOR SHALL DETERMINE AND RECORD THE pH OF THE SCRUBBING SOLUTION ONCE EVERY DAY.

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[RULE 3004 (a)(4)]

Emissions And Requirements:

8. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULE AND REGULATION:

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE WESTERN TUBE & CONDUIT CORP

PERMIT TO OPERATE

Permit No. G1788
A/N 470492

Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. BAGHOUSE, SULZER METCO, MODEL NO. SME12-35, WITH TWELVE 14" DIA. X 26" L. CARTRIDGE FILTERS.
2. EXHAUST SYSTEM CONSISTING OF ONE 15 H.P. EXHAUST BLOWER VENTING ONE ZINC GALVANIZING FURNACE AND A DROSSING AREA.

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. DUST COLLECTED IN THE BAGHOUSE SHALL BE DISCHARGED ONLY INTO CLOSED CONTAINERS.
[RULE 1303(a)(1)-BACT]
4. THE OPERATOR SHALL INSTALL AND MAINTAIN A DIFFERENTIAL PRESSURE GAUGE TO ACCURATELY INDICATE THE DIFFERENTIAL PRESSURE ACROSS THE CARTRIDGE FILTERS.
[RULE 1303(a)(1)-BACT]
5. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE DIFFERENTIAL PRESSURE BEING MONITORED DOES NOT EXCEED 5 INCHES OF WATER COLUMN.
[RULE 1303(a)(1)-BACT]

Periodic Monitoring:

6. THE OPERATOR SHALL PERFORM AN ANNUAL 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

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C. THE DATE, TIME AND DESCRIPTION OF ANY MAINTENANCE OR REPAIRS RESULTING FROM THE INSPECTION.
[RULE 3004 (a)(4)]

7. THE OPERATOR SHALL DETERMINE AND RECORD THE PRESSURE DROP ACROSS THE BAGS ONCE EVERY WEEK.
[RULE 3004 (a)(4)]

Emissions And Requirements:

8. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULE AND REGULATION:

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE WESTERN TUBE & CONDUIT CORP

PERMIT TO OPERATE

Permit No. F98028
A/N 471342

Equipment Description:

OUTER DIAMETER COATING WIPER, LINE NO. 6, WITH ONE 3 HP 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. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE 1, EXCEPT LEAD CHROMATE, ETHYLENE GLYCOL MONOBUTYL ETHER, NAPHTHALENE, ISOPROPYL ALCOHOL, XYLENE, ETHYL BENZENE, FORMALDEHYDE, TOLUENE, PROPYLENE GLYCOL MONOMETHYL ETHER, CADMIUM AND NICKEL OXIDE WITH AN EFFECTIVE DATE OF MARCH 4, 2005 OR EARLIER.
[RULE 1401]
4. IN ADDITION TO THE RECORDKEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY DAILY VOC EMISSIONS, IN POUNDS, AND THE VOC CONTENT OF EACH MATERIAL, AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS. ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH 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, 1303(b)(2)-OFFSET]
5. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1)-BACT]

Emissions And Requirements:

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

VOC: RULE 109
VOC: RULE 1107, SEE APPENDIX B FOR EMISSION LIMITS

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VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE WESTERN TUBE & CONDUIT CORP

PERMIT TO OPERATE

**Permit No. F48374
A/N 369714**

Equipment Description:

OVEN, LINE NO. 6, AJAX, 10" W. X 72" L. X 10" H., 500 KW ELECTRICALLY HEATED, WITH ONE 3 HP 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 EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1)-BACT]
4. IN ADDITION TO THE RECORDKEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY DAILY VOC EMISSIONS, IN POUNDS, AND THE VOC CONTENT OF EACH MATERIAL, AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS. ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH 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, 1303(b)(2)-OFFSET]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE WESTERN TUBE & CONDUIT CORP

PERMIT TO OPERATE

Permit No. F77959
A/N 445305

Equipment Description:

INSIDE DIAMETER SPRAY ENCLOSURE, LINE NO. 6, INDUSTRIAL SHEET METAL, 8'-0" W. X 32'-0" L. X 2'-6" H., WITH ONE 10 HP 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. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE 1, WITH THE EXCEPTION OF CADMIUM, LEAD, TOLUENE, XYLENE AND ISOPROPYL ALCOHOL, WITH AN EFFECTIVE DATE OF MARCH 4, 2005 OR EARLIER.
[RULE 1401]
4. IN ADDITION TO THE RECORDKEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY DAILY VOC EMISSIONS, IN POUNDS, AND THE VOC CONTENT OF EACH MATERIAL, AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS. ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH 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, 1303(b)(2)-OFFSET]
5. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1)-BACT]
6. THE TOTAL WEIGHT PERCENT OF CADMIUM AND LEAD IN THE MATERIALS USED IN THIS EQUIPMENT SHALL NOT EXCEED 0.0003% AND 0.00006%, RESPECTIVELY.
[RULE 1401]

Emissions And Requirements:

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

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VOC: RULE 109
VOC: RULE 1107, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

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PERMIT TO OPERATE

Permit No. F98021
A/N 470490

Equipment Description:

FLOW COATER, LINE NO. 1, ANTI-RUST OIL, 1'-5" L. X 1'-5" H.

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 VOC CONTENT OF THE MATERIALS USED IN THIS EQUIPMENT SHALL NOT EXCEED 5% BY WEIGHT.
[RULE 1303(a)(1)-BACT]
4. THE TOTAL QUANTITY OF MATERIALS USED IN THIS EQUIPMENT SHALL NOT EXCEED 65.5 GALLONS IN ANY ONE DAY.
[RULE 1303(b)(2)-OFFSET]
5. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE 1 WITH AN EFFECTIVE DATE OF MAY 3, 2002 OR EARLIER.
[RULE 1401]
6. IN ADDITION TO THE RECORD KEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY DAILY VOC EMISSIONS, IN POUNDS, AND THE VOC CONTENT OF EACH MATERIAL, AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS. ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT, SHALL BE RETAINED ON THE PREMISES FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULES 109, 1303(b)(2)-OFFSET]

Emissions And Requirements:

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

VOC: RULE 109
VOC: RULE 1107, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS

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PERMIT TO OPERATE

Permit No. F98019
A/N 470488

Equipment Description:

FLOW COATER, LINE NO. 3, ANTI-RUST OIL, 1'-5" L. X 2'-6" W.

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 VOC CONTENT OF THE MATERIALS USED IN THIS EQUIPMENT SHALL NOT EXCEED 5% BY WEIGHT.
[RULE 1303(a)(1)-BACT]
4. THE TOTAL QUANTITY OF MATERIALS USED IN THIS EQUIPMENT SHALL NOT EXCEED 65.5 GALLONS IN ANY ONE DAY.
[RULE 1303(b)(2)-OFFSET]
5. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE 1 WITH AN EFFECTIVE DATE OF MAY 3, 2002 OR EARLIER.
[RULE 1401]
6. IN ADDITION TO THE RECORD KEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY DAILY VOC EMISSIONS, IN POUNDS, AND THE VOC CONTENT OF EACH MATERIAL, AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS. ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT, SHALL BE RETAINED ON THE PREMISES FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 109, 1303(b)(2)-OFFSET]

Emissions And Requirements:

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

VOC: RULE 109
VOC: RULE 1107, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS

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PERMIT TO OPERATE

Permit No. F98020
A/N 470489

Equipment Description:

FLOW COATER, LINE NO. 5, ANTI-RUST OIL, 1'-5" L. X 2'-6" W.

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 VOC CONTENT OF THE MATERIALS USED IN THIS EQUIPMENT SHALL NOT EXCEED 5% BY WEIGHT.
[RULE 1303(a)(1)-BACT]
4. THE TOTAL QUANTITY OF MATERIALS USED IN THIS EQUIPMENT SHALL NOT EXCEED 65.5 GALLONS IN ANY ONE DAY.
[RULE 1303(b)(2)-OFFSET]
5. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE 1 WITH AN EFFECTIVE DATE OF MAY 3, 2002 OR EARLIER.
[RULE 1401]
6. IN ADDITION TO THE RECORD KEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY DAILY VOC EMISSIONS, IN POUNDS, AND THE VOC CONTENT OF EACH MATERIAL, AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS. ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT, SHALL BE RETAINED ON THE PREMISES FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 109, 1303(b)(2)-OFFSET]

Emissions And Requirements:

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

VOC: RULE 109
VOC: RULE 1107, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS

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PERMIT TO OPERATE

**Permit No. F98017
A/N 470480**

Equipment Description:

SPRAY BOOTH, END SPRAY LINE NO. 6, EAGLE, FLOOR TYPE, MODEL NO. EIB-20-8, 20'-0" W. X 10'-6" D. X 8'-0" H., WITH THIRTY SIX 20" X 20" EXHAUST FILTERS AND TWO 3 HP EXHAUST FANS.

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. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS ALL EXHAUST AIR PASSES THROUGH FILTER MEDIA AT LEAST TWO INCHES THICK.
[RULE 1303(a)(1)-BACT]
4. A GAUGE SHALL BE INSTALLED 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. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE 1, WITH THE EXCEPTION OF XYLENE, ETHYL BENZENE AND TOLUENE, WITH AN EFFECTIVE DATE OF MAY 2, 2003 OR EARLIER.
[RULE 1401]
6. ONLY TOUCH-UP COATINGS SHALL BE APPLIED IN THIS EQUIPMENT.
[RULE 1132]
7. THE VOC CONTENT OF THE TOUCH-UP COATINGS SHALL NOT EXCEED 1.23 POUNDS PER GALLON, LESS WATER AND EXEMPT COMPOUNDS.
[RULE 1132]
8. THE VOC CONTENT OF THE COATINGS USED IN THIS EQUIPMENT SHALL NOT EXCEED 5% BY WEIGHT.
[RULE 1303(a)(1)-BACT]
9. THE TOTAL QUANTITY OF VOC-CONTAINING MATERIALS USED THIS EQUIPMENT SHALL NOT EXCEED 25 GALLONS IN ANY ONE DAY.
[RULE 1303(b)(2)-OFFSET]

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10. IN ADDITION TO THE RECORDKEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY DAILY VOC EMISSIONS, IN POUNDS, AND THE VOC CONTENT OF EACH MATERIAL, AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS. ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH 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, 1303(b)(2)-OFFSET]

Periodic Monitoring:

11. THE OPERATOR SHALL DETERMINE AND RECORD THE PRESSURE DROP ACROSS THE FILTER MEDIA ONCE EVERY WEEK.
[RULE 3004 (a)(4)]
12. 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)]

Emissions And Requirements:

13. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- VOC: RULE 109
 - VOC: RULE 1107, SEE APPENDIX B FOR EMISSION LIMITS
 - VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
 - VOC: RULE 1132
 - PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
 - PM: RULE 481

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PERMIT TO OPERATE

Permit No. F98018
A/N 470482

Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. REGENERATIVE THERMAL OXIDIZER, ADWEST TECHNOLOGIES, MODEL NO. RETOX 15.0 RTO95, 16'-2" W. X 25'-6" L. X 10'-9" H., 4,500,000 BTU PER HOUR NATURAL GAS-FIRED START-UP BURNER, ONE 2,200,000 BTU PER HOUR NATURAL GAS INJECTION SYSTEM, ONE 7.5 HP COMBUSTION AIR BLOWER, TWO HEAT EXCHANGER BEDS WITH A TOTAL OF 30,980 LBS OF CERAMIC MEDIA.
2. EXHAUST SYSTEM CONSISTING OF ONE 75 HP EXHAUST FAN VENTING ONE OUTER DIAMETER COATER ENCLOSED IN A PERMANENT TOTAL ENCLOSURE, ONE OVEN AND ONE INSIDE DIAMETER SPRAY ENCLOSURE.

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 OXIDIZER SHALL BE FIRED ON NATURAL GAS ONLY.
[RULE 1303(a)(1)-BACT]
4. THE OPERATOR SHALL OPERATE AND MAINTAIN THIS EQUIPMENT ACCORDING TO THE FOLLOWING REQUIREMENTS:

THE COMBUSTION CHAMBER TEMPERATURE SHALL BE MAINTAINED AT A MINIMUM OF 1,400 DEGREES FAHRENHEIT WHENEVER THE EQUIPMENT IT SERVES IS IN OPERATION.

THE OPERATOR SHALL OPERATE AND MAINTAIN A TEMPERATURE MEASURING AND RECORDING SYSTEM TO CONTINUOUSLY MEASURE AND RECORD THE COMBUSTION CHAMBER TEMPERATURE PURSUANT TO THE OPERATION AND MAINTENANCE REQUIREMENTS SPECIFIED IN 40 CFR PART 64.7. 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.

FOR THE PURPOSE OF THIS CONDITION, A DEVIATION SHALL BE DEFINED AS WHEN A COMBUSTION CHAMBER TEMPERATURE OF LESS THAN 1,400 DEGREES FAHRENHEIT OCCURS

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DURING NORMAL OPERATION OF THE EQUIPMENT IT SERVES. THE OPERATOR SHALL REVIEW THE RECORDS OF THE COMBUSTION CHAMBER TEMPERATURE ON A DAILY BASIS TO DETERMINE IF A DEVIATION OCCURS OR SHALL INSTALL AN ALARM SYSTEM TO ALERT THE OPERATOR WHEN A DEVIATION OCCURS.

WHENEVER A DEVIATION OCCURS, THE OPERATOR SHALL INSPECT THIS EQUIPMENT TO IDENTIFY THE CAUSE OF SUCH A DEVIATION, TAKE IMMEDIATE CORRECTIVE ACTION TO MAINTAIN THE COMBUSTION CHAMBER TEMPERATURE AT OR ABOVE 1,400 DEGREES FAHRENHEIT, AND KEEP RECORDS OF THE DURATION AND CAUSE (INCLUDING UNKNOWN CAUSE, IF APPLICABLE) OF THE DEVIATION AND THE CORRECTIVE ACTION TAKEN.

ALL DEVIATIONS SHALL BE REPORTED TO THE AQMD PURSUANT TO THE REQUIREMENTS SPECIFIED IN 40 CFR PART 64.9 AND CONDITION NOS. 22 AND 23 IN SECTION K OF THIS PERMIT. THE REPORT SHALL INCLUDE THE TOTAL OPERATING TIME OF THIS EQUIPMENT AND THE TOTAL ACCUMULATED DURATION OF ALL DEVIATIONS FOR EACH SEMI-ANNUAL REPORTING PERIOD SPECIFIED IN CONDITION NO. 23 IN SECTION K OF THIS PERMIT.

THE OPERATOR SHALL SUBMIT AN APPLICATION WITH A QUALITY IMPROVEMENT PLAN (QIP) IN ACCORDANCE WITH 40 CFR PART 64.8 TO THE AQMD IF AN ACCUMULATION OF DEVIATIONS EXCEEDS 5 PERCENT DURATION OF THIS EQUIPMENT'S TOTAL OPERATING TIME FOR ANY SEMI-ANNUAL REPORTING PERIOD SPECIFIED IN CONDITION NO. 23 IN SECTION K OF THIS PERMIT. THE REQUIRED QIP SHALL BE SUBMITTED TO THE AQMD WITHIN 90 CALENDAR DAYS AFTER THE DUE DATE FOR THE SEMI-ANNUAL MONITORING REPORT.

THE OPERATOR SHALL INSPECT AND MAINTAIN ALL COMPONENTS OF THIS EQUIPMENT ON AN ANNUAL BASIS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

THE OPERATOR SHALL KEEP ADEQUATE RECORDS IN A FORMAT THAT IS ACCEPTABLE TO THE AQMD TO DEMONSTRATE COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS SPECIFIED IN THIS CONDITION AND 40 CFR PART 64.9 FOR A MINIMUM OF FIVE YEARS.

[RULE 1303(a)(1)-BACT, 3004(a)(4)-PERIODIC MONITORING, 40CFR PART 64]

5. THE OPERATOR SHALL MAINTAIN THE CONTROL EQUIPMENT TO ACHIEVE A MINIMUM COLLECTION EFFICIENCY OF 90% AND A MINIMUM DESTRUCTION EFFICIENCY OF 95% DURING NORMAL OPERATION OF THE EQUIPMENT IT VENTS.
[RULE 1303(a)(1)-BACT, 1303(b)(2)-OFFSET]
6. THE OPERATOR SHALL MAINTAIN THE PERMANENT TOTAL ENCLOSURE (PTE) FOR THE OUTER DIAMETER COATER PURSUANT TO ALL CRITERIA SPECIFIED IN EPA METHOD 204.
[RULE 1303(a)(1)-BACT]
7. IN ADDITION TO THE RECORDKEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY DAILY VOC EMISSIONS, IN POUNDS, AND THE VOC CONTENT OF EACH MATERIAL, AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS. ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH 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, 1303(b)(2)-OFFSET]

FACILITY PERMIT TO OPERATE WESTERN TUBE & CONDUIT CORP

Periodic Monitoring:

8. 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 NO LATER THAN OCTOBER 1, 2010 UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.
 - C. THE TEST SHALL BE CONDUCTED TO DETERMINE THE VOC EMISSIONS USING AN APPROVED DISTRICT METHOD TO DEMONSTRATE COMPLIANCE WITH ALL APPLICABLE PERMIT CONDITION(S), RULES AND REGULATIONS.
 - D. THE SOURCE TEST SHALL BE CONDUCTED WHILE THE OXIDIZER IS OPERATING AT A TEMPERATURE OF NOT LESS THAN THE MINIMUM OPERATING TEMPERATURE SPECIFIED IN THIS PERMIT. IF THE OPERATING TEMPERATURE DURING THE SOURCE TEST IS GREATER THAN THE MINIMUM OPERATING TEMPERATURE SPECIFIED IN THIS PERMIT, THE MINIMUM OPERATING TEMPERATURE SPECIFIED IN THIS PERMIT MAY BE INCREASED TO REFLECT THE OPERATING TEMPERATURE DURING THE SOURCE TEST.
 - E. THE OPERATOR SHALL COMPLY WITH ADMINISTRATIVE CONDITIONS NOs. 8, 9, AND 10 OF SECTION E OF THIS FACILITY PERMIT.
 - F. THE OPERATOR SHALL SUBMIT TWO COMPLETE COPIES OF THE SOURCE TEST REPORT SPECIFIED IN CONDITION NO. 9 OF SECTION E OF THIS FACILITY PERMIT TO THE DISTRICT ENGINEERING AND COMPLIANCE DIVISION. THE ENGINEERING COPY OF THE REPORT SHALL BE SENT TO: SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, COATING, PRINTING AND AEROSPACE OPERATIONS, ATTN: AIR QAULITY AND COMPLIANCE SUPERVISOR, 21865 COPLEY DRIVE, DIAMOND BAR, CA 91765. THE COMPLIANCE COPY OF THE REPORT SHALL BE SENT TO: SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, P.O. BOX 4941, DIAMOND BAR, CA 91765

[RULE 3004(a)(4)]

Emissions And Requirements:

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

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

FACILITY PERMIT TO OPERATE WESTERN TUBE & CONDUIT CORP

PERMIT TO OPERATE

Permit No. G12447
A/N 502918

Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. REGENERATIVE THERMAL OXIDIZER, ADWEST TECHNOLOGIES, MODEL NO. RETOX 15.0 RTO95, 16'-2" W. X 25'-6" L. X 10'-9" H., 4,500,000 BTU PER HOUR NATURAL GAS-FIRED START-UP BURNER, ONE 2,200,000 BTU PER HOUR NATURAL GAS INJECTION SYSTEM, ONE 7.5 HP COMBUSTION AIR BLOWER, TWO HEAT EXCHANGER BEDS WITH A TOTAL OF 30,980 LBS OF CERAMIC MEDIA.
2. EXHAUST SYSTEM CONSISTING OF ONE 75 HP EXHAUST FAN VENTING ONE OUTER DIAMETER COATER ENCLOSED IN A PERMANENT TOTAL ENCLOSURE, ONE INSIDE DIAMETER SPRAY ENCLOSED IN A PERMANENT TOTAL ENCLOSURE AND ONE OVEN.

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 OXIDIZER SHALL BE FIRED ON NATURAL GAS ONLY.
[RULE 1303(a)(1)-BACT]
4. THE OPERATOR SHALL OPERATE AND MAINTAIN THIS EQUIPMENT ACCORDING TO THE FOLLOWING REQUIREMENTS:
 - A. THE COMBUSTION CHAMBER TEMPERATURE SHALL BE MAINTAINED AT A MINIMUM OF 1,400 DEGREES FAHRENHEIT WHENEVER THE EQUIPMENT IT SERVES IS IN OPERATION.
 - B. THE OPERATOR SHALL OPERATE AND MAINTAIN A TEMPERATURE MEASURING AND RECORDING SYSTEM TO CONTINUOUSLY MEASURE AND RECORD THE COMBUSTION CHAMBER TEMPERATURE PURSUANT TO THE OPERATION AND MAINTENANCE REQUIREMENTS SPECIFIED IN 40 CFR PART 64.7. 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.

FACILITY PERMIT TO OPERATE WESTERN TUBE & CONDUIT CORP

- C. FOR THE PURPOSE OF THIS CONDITION, A DEVIATION SHALL BE DEFINED AS WHEN A COMBUSTION CHAMBER TEMPERATURE OF LESS THAN 1,400 DEGREES FAHRENHEIT OCCURS DURING NORMAL OPERATION OF THE EQUIPMENT IT SERVES. THE OPERATOR SHALL REVIEW THE RECORDS OF THE COMBUSTION CHAMBER TEMPERATURE ON A DAILY BASIS TO DETERMINE IF A DEVIATION OCCURS OR SHALL INSTALL AN ALARM SYSTEM TO ALERT THE OPERATOR WHEN A DEVIATION OCCURS.
- D. WHENEVER A DEVIATION OCCURS, THE OPERATOR SHALL INSPECT THIS EQUIPMENT TO IDENTIFY THE CAUSE OF SUCH A DEVIATION, TAKE IMMEDIATE CORRECTIVE ACTION TO MAINTAIN THE COMBUSTION CHAMBER TEMPERATURE AT OR ABOVE 1,400 DEGREES FAHRENHEIT, AND KEEP RECORDS OF THE DURATION AND CAUSE (INCLUDING UNKNOWN CAUSE, IF APPLICABLE) OF THE DEVIATION AND THE CORRECTIVE ACTION TAKEN.
- E. ALL DEVIATIONS SHALL BE REPORTED TO THE AQMD PURSUANT TO THE REQUIREMENTS SPECIFIED IN 40 CFR PART 64.9 AND CONDITION NOS. 22 AND 23 IN SECTION K OF THIS PERMIT. THE REPORT SHALL INCLUDE THE TOTAL OPERATING TIME OF THIS EQUIPMENT AND THE TOTAL ACCUMULATED DURATION OF ALL DEVIATIONS FOR EACH SEMI-ANNUAL REPORTING PERIOD SPECIFIED IN CONDITION NO. 23 IN SECTION K OF THIS PERMIT.
- F. THE OPERATOR SHALL SUBMIT AN APPLICATION WITH A QUALITY IMPROVEMENT PLAN (QIP) IN ACCORDANCE WITH 40 CFR PART 64.8 TO THE AQMD IF AN ACCUMULATION OF DEVIATIONS EXCEEDS 5 PERCENT DURATION OF THIS EQUIPMENT'S TOTAL OPERATING TIME FOR ANY SEMI-ANNUAL REPORTING PERIOD SPECIFIED IN CONDITION NO. 23 IN SECTION K OF THIS PERMIT. THE REQUIRED QIP SHALL BE SUBMITTED TO THE AQMD WITHIN 90 CALENDAR DAYS AFTER THE DUE DATE FOR THE SEMI-ANNUAL MONITORING REPORT.
- G. THE OPERATOR SHALL INSPECT AND MAINTAIN ALL COMPONENTS OF THIS EQUIPMENT ON AN ANNUAL BASIS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.
- H. THE OPERATOR SHALL KEEP ADEQUATE RECORDS IN A FORMAT THAT IS ACCEPTABLE TO THE AQMD TO DEMONSTRATE COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS SPECIFIED IN THIS CONDITION AND 40 CFR PART 64.9 FOR A MINIMUM OF FIVE YEARS.

[RULE 1303(a)(1)-BACT, 3004(a)(4)-PERIODIC MONITORING, 40CFR PART 64]

5. THE OPERATOR SHALL MAINTAIN THE CONTROL EQUIPMENT TO ACHIEVE A MINIMUM COLLECTION EFFICIENCY OF 90% AND A MINIMUM DESTRUCTION EFFICIENCY OF 95% DURING NORMAL OPERATION OF THE EQUIPMENT IT VENTS.
[RULE 1303(a)(1)-BACT, 1303(b)(2)-OFFSET]
6. THE OPERATOR SHALL MAINTAIN THE PERMANENT TOTAL ENCLOSURE (PTE) FOR THE OUTER DIAMETER COATER AND INSIDE DIAMETER SPRAYER PURSUANT TO ALL CRITERIA SPECIFIED IN EPA METHOD 204.
[RULE 1303(a)(1)-BACT]

FACILITY PERMIT TO OPERATE WESTERN TUBE & CONDUIT CORP

7. IN ADDITION TO THE RECORDKEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY DAILY VOC EMISSIONS, IN POUNDS, AND THE VOC CONTENT OF EACH MATERIAL, AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS. ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH 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, 1303(b)(2)-OFFSET]

Periodic Monitoring:

8. 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 NO LATER THAN OCTOBER 1, 2010 UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.
 - C. THE TEST SHALL BE CONDUCTED TO DETERMINE THE VOC EMISSIONS USING AN APPROVED DISTRICT METHOD TO DEMONSTRATE COMPLIANCE WITH ALL APPLICABLE PERMIT CONDITION(S), RULES AND REGULATIONS.
 - D. THE SOURCE TEST SHALL BE CONDUCTED WHILE THE OXIDIZER IS OPERATING AT A TEMPERATURE OF NOT LESS THAN THE MINIMUM OPERATING TEMPERATURE SPECIFIED IN THIS PERMIT. IF THE OPERATING TEMPERATURE DURING THE SOURCE TEST IS GREATER THAN THE MINIMUM OPERATING TEMPERATURE SPECIFIED IN THIS PERMIT, THE MINIMUM OPERATING TEMPERATURE SPECIFIED IN THIS PERMIT MAY BE INCREASED TO REFLECT THE OPERATING TEMPERATURE DURING THE SOURCE TEST.
 - E. THE OPERATOR SHALL COMPLY WITH ADMINISTRATIVE CONDITIONS NOS. 8, 9, AND 10 OF SECTION E OF THIS FACILITY PERMIT.
 - F. THE OPERATOR SHALL SUBMIT TWO COMPLETE COPIES OF THE SOURCE TEST REPORT SPECIFIED IN CONDITION NO. 9 OF SECTION E OF THIS FACILITY PERMIT TO THE DISTRICT ENGINEERING AND COMPLIANCE DIVISION. THE ENGINEERING COPY OF THE REPORT SHALL BE SENT TO: SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, COATING, PRINTING AND AEROSPACE OPERATIONS, ATTN: AIR QAULITY AND COMPLIANCE SUPERVISOR, 21865 COPLEY DRIVE, DIAMOND BAR, CA 91765. THE COMPLIANCE COPY OF THE REPORT SHALL BE SENT TO: SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, P.O. BOX 4941, DIAMOND BAR, CA 91765
- [RULE 3004(a)(4)]

Emissions And Requirements:

9. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- CO: 2000 PPMV, RULE 407
 - PM: 0.1 GR/SCF, RULE 409
 - PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
 - NOx: RULE 1147

FACILITY PERMIT TO OPERATE WESTERN TUBE & CONDUIT CORP

PERMIT TO OPERATE

Permit No. G12465
A/N 506173

Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. REGENERATIVE THERMAL OXIDIZER, ADWEST TECHNOLOGIES, MODEL NO. RETOX 30.0 RTO95, 22'-6" W. X 38'-10" L. X 12'-2" H., WITH ONE 8,000,000 BTU PER HOUR NATURAL GAS-FIRED LOW-NOX START-UP BURNER(MAXON, MODEL NO. KINEMAX 6 INCH SERIES G), ONE 4,500,000 BTU PER HOUR NATURAL GAS INJECTION SYSTEM, ONE 15 HP COMBUSTION AIR BLOWER, AND TWO HEAT EXCHANGER BEDS, EACH WITH 37,088 LBS OF CERAMIC MEDIA.
2. EXHAUST SYSTEM CONSISTING OF ONE 200 HP EXHAUST FAN VENTING TWO OUTER DIAMETER COATERS IN TWO PERMANENT TOTAL ENCLOSURES, TWO INSIDE DIAMETER SPRAY ENCLOSURES IN TWO PERMANENT TOTAL ENCLOSURES, TWO BAKE OVENS AND A UV COATER IN A PERMANENT TOTAL ENCLOSURE.

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 OXIDIZER SHALL BE FIRED ON NATURAL GAS ONLY.
[RULE 1303(a)(1)-BACT]
4. NO_x EMISSIONS FROM THE START-UP BURNER SHALL NOT EXCEED 90 PPMV OF NO_x EMISSIONS @ 3% O₂.
[RULE 1303(a)(1)-BACT]
5. THE START-UP BURNER SHALL NOT USE MORE THAN 8,600 CUBIC FEET OF NATURAL GAS IN ANY ONE DAY.
[RULE 1303(a)(1)-BACT]
6. A NON-RESETTABLE TOTALIZING FUEL METER SHALL BE INSTALLED AND MAINTAINED TO VERIFY COMPLIANCE WITH CONDITION NO. 5.
[RULE 1303(a)(1)-BACT]
7. THE OPERATOR SHALL OPERATE AND MAINTAIN THIS EQUIPMENT ACCORDING TO THE FOLLOWING REQUIREMENTS:

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- A. THE COMBUSTION CHAMBER TEMPERATURE SHALL BE MAINTAINED AT A MINIMUM OF 1,400 DEGREES FAHRENHEIT WHENEVER THE EQUIPMENT IT SERVES IS IN OPERATION.
- B. THE OPERATOR SHALL OPERATE AND MAINTAIN A TEMPERATURE MEASURING AND RECORDING SYSTEM TO CONTINUOUSLY MEASURE AND RECORD THE COMBUSTION CHAMBER TEMPERATURE PURSUANT TO THE OPERATION AND MAINTENANCE REQUIREMENTS SPECIFIED IN 40 CFR PART 64.7. 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.
- C. FOR THE PURPOSE OF THIS CONDITION, A DEVIATION SHALL BE DEFINED AS WHEN A COMBUSTION CHAMBER TEMPERATURE OF LESS THAN 1,400 DEGREES FAHRENHEIT OCCURS DURING NORMAL OPERATION OF THE EQUIPMENT IT SERVES. THE OPERATOR SHALL REVIEW THE RECORDS OF THE COMBUSTION CHAMBER TEMPERATURE ON A DAILY BASIS TO DETERMINE IF A DEVIATION OCCURS OR SHALL INSTALL AN ALARM SYSTEM TO ALERT THE OPERATOR WHEN A DEVIATION OCCURS.
- D. WHENEVER A DEVIATION OCCURS, THE OPERATOR SHALL INSPECT THIS EQUIPMENT TO IDENTIFY THE CAUSE OF SUCH A DEVIATION, TAKE IMMEDIATE CORRECTIVE ACTION TO MAINTAIN THE COMBUSTION CHAMBER TEMPERATURE AT OR ABOVE 1,400 DEGREES FAHRENHEIT, AND KEEP RECORDS OF THE DURATION AND CAUSE (INCLUDING UNKNOWN CAUSE, IF APPLICABLE) OF THE DEVIATION AND THE CORRECTIVE ACTION TAKEN.
- E. ALL DEVIATIONS SHALL BE REPORTED TO THE AQMD PURSUANT TO THE REQUIREMENTS SPECIFIED IN 40 CFR PART 64.9 AND CONDITION NOS. 22 AND 23 IN SECTION K OF THIS PERMIT. THE REPORT SHALL INCLUDE THE TOTAL OPERATING TIME OF THIS EQUIPMENT AND THE TOTAL ACCUMULATED
- DURATION OF ALL DEVIATIONS FOR EACH SEMI-ANNUAL REPORTING PERIOD SPECIFIED IN CONDITION NO. 23 IN SECTION K OF THIS PERMIT.
- F. THE OPERATOR SHALL SUBMIT AN APPLICATION WITH A QUALITY IMPROVEMENT PLAN (QIP) IN ACCORDANCE WITH 40 CFR PART 64.8 TO THE AQMD IF AN ACCUMULATION OF DEVIATIONS EXCEEDS 5 PERCENT DURATION OF THIS EQUIPMENT'S TOTAL OPERATING TIME FOR ANY SEMI-ANNUAL REPORTING PERIOD SPECIFIED IN CONDITION NO. 23 IN SECTION K OF THIS PERMIT. THE REQUIRED QIP SHALL BE SUBMITTED TO THE AQMD WITHIN 90 CALENDAR DAYS AFTER THE DUE DATE FOR THE SEMI-ANNUAL MONITORING REPORT.
- G. THE OPERATOR SHALL INSPECT AND MAINTAIN ALL COMPONENTS OF THIS EQUIPMENT ON AN ANNUAL BASIS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.
- H. THE OPERATOR SHALL KEEP ADEQUATE RECORDS IN A FORMAT THAT IS ACCEPTABLE TO THE AQMD TO DEMONSTRATE COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS SPECIFIED IN THIS CONDITION AND 40 CFR PART 64.9 FOR A MINIMUM OF FIVE YEARS.

[RULE 1303(a)(1)-BACT, 3004(a)(4)-PERIODIC MONITORING, 40CFR PART 64]

FACILITY PERMIT TO OPERATE WESTERN TUBE & CONDUIT CORP

8. THE OPERATOR SHALL MAINTAIN THE CONTROL EQUIPMENT TO ACHIEVE A MINIMUM DESTRUCTION EFFICIENCY OF 95% AND A MINIMUM OVERALL CONTROL EFFICIENCY (COLLECTION AND DESTRUCTION) OF 90% DURING NORMAL OPERATION OF THE EQUIPMENT IT VENTS.
[RULE 1303(a)(1)-BACT, 1303(b)(2)-OFFSET]
9. THE OPERATOR SHALL MAINTAIN THE PERMANENT TOTAL ENCLOSURES (PTE) FOR THE OUTER DIAMETER COATERS, INSIDE DIAMETER SPRAYERS AND UV COATER PURSUANT TO ALL CRITERIA SPECIFIED IN EPA METHOD 204.
[RULE 1303(a)(1)-BACT]
10. IN ADDITION TO THE RECORDKEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY DAILY VOC EMISSIONS, IN POUNDS, AND THE VOC CONTENT OF EACH MATERIAL, AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS. ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH 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, 1303(b)(2)-OFFSET]
11. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL CONDUCT SOURCE TESTS UNDER THE FOLLOWING CONDITIONS:
 - A. THE SOURCE TEST SHALL BE CONDUCTED NO LATER THAN 180 DAYS AFTER THE INITIAL START-UP OF THIS EQUIPMENT UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.
 - B. A SOURCE TEST PROTOCOL SHALL BE SUBMITTED TO THE DISTRICT NO LATER THAN 60 DAYS AFTER THE INITIAL START-UP OF THIS EQUIPMENT 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 SOURCE TEST SHALL CONSIST OF, BUT MAY NOT BE LIMITED TO, TESTING AT THE INLET AND THE EXHAUST OF THE THERMAL OXIDIZER FOR:
 - (1) VOLATILE ORGANIC COMPOUND (VOC) IN PPMV AND LBS/HR
 - (2) OXIDES OF NITROGEN (THERMAL OXIDIZER EXHAUST ONLY)
 - (3) CARBON MONOXIDE (THERMAL OXIDIZER EXHAUST ONLY)
 - (4) VOC DESTRUCTION EFFICIENCY
 - (5) USAGE OF ALL VOC-CONTAINING MATERIALS (COATINGS, INKS, SOLVENTS, ETC.) DURING THE TEST
 - (6) OXYGEN CONTENT
 - (7) MOISTURE CONTENT
 - (8) FLOW RATE
 - (9) TEMPERATURE

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- D. THE SOURCE TEST SHALL BE CONDUCTED WHILE THE OXIDIZER IS OPERATING AT A TEMPERATURE OF NOT LESS THAN THE MINIMUM OPERATING TEMPERATURE SPECIFIED IN THIS PERMIT. 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.
- E. A WRITTEN NOTICE OF THE SOURCE TEST SHALL BE SUBMITTED TO THE DISTRICT AT LEAST 14 DAYS PRIOR TO SOURCE TESTING DATE SO THAT AN OBSERVER FROM THE DISTRICT MAY BE PRESENT.
- F. TWO COMPLETE COPIES OF THE SOURCE TEST REPORT SHALL BE SUBMITTED TO THE DISTRICT WITHIN 45 DAYS AFTER THE SOURCE TESTING DATE. THE SOURCE TEST REPORT SHALL INCLUDE, BUT NOT BE LIMITED TO ALL TESTING DATA REQUIRED BY THIS CONDITION.
- G. 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 TEST.
- H. SAMPLING FACILITIES SHALL COMPLY WITH THE DISTRICT'S "GUIDELINES FOR CONSTRUCTION OF SAMPLING AND TESTING FACILITIES", PURSUANT TO RULE 217.
- I. 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 WITHIN 45 DAYS AFTER THE TESTING DATE.
[RULE 1303(a)(1)-BACT, 1303(b)(2)-OFFSET]

Periodic Monitoring:

- 12. 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 NO LATER THAN OCTOBER 1, 2010 UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.
 - C. THE TEST SHALL BE CONDUCTED TO DETERMINE THE VOC EMISSIONS USING AN APPROVED DISTRICT METHOD TO DEMONSTRATE COMPLIANCE WITH ALL APPLICABLE PERMIT CONDITION(S), RULES AND REGULATIONS.
 - D. THE SOURCE TEST SHALL BE CONDUCTED WHILE THE OXIDIZER IS OPERATING AT A TEMPERATURE OF NOT LESS THAN THE MINIMUM OPERATING TEMPERATURE SPECIFIED IN THIS PERMIT. IF THE OPERATING TEMPERATURE DURING THE SOURCE TEST IS GREATER THAN THE MINIMUM OPERATING TEMPERATURE SPECIFIED IN THIS PERMIT, THE MINIMUM OPERATING TEMPERATURE SPECIFIED IN THIS PERMIT MAY BE INCREASED TO REFLECT THE OPERATING TEMPERATURE DURING THE SOURCE TEST.
 - E. THE OPERATOR SHALL COMPLY WITH ADMINISTRATIVE CONDITIONS NOs. 8, 9, AND 10 OF SECTION E OF THIS FACILITY PERMIT.
 - F. THE OPERATOR SHALL SUBMIT TWO COMPLETE COPIES OF THE SOURCE TEST REPORT

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SPECIFIED IN CONDITION NO. 9 OF SECTION E OF THIS FACILITY PERMIT TO THE DISTRICT ENGINEERING AND COMPLIANCE DIVISION. THE ENGINEERING COPY OF THE REPORT SHALL BE SENT TO: SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, COATING, PRINTING, PLATING, MILITARY AND ENTERTAINMENT AND AEROSPACE OPERATIONS, ATTN: AIR QUALITY AND COMPLIANCE SUPERVISOR, 21865 COPLEY DRIVE, DIAMOND BAR, CA 91765. THE COMPLIANCE COPY OF THE REPORT SHALL BE SENT TO: SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, P.O. BOX 4941, DIAMOND BAR, CA 91765
[RULE 3004(a)(4)]

Emissions And Requirements:

13. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- CO: 2000 PPMV, RULE 407
 - PM: 0.1 GR/SCF, RULE 409
 - PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
 - NOx: RULE 1147

FACILITY PERMIT TO OPERATE WESTERN TUBE & CONDUIT CORP

PERMIT TO CONSTRUCT

A/N 513986
Granted as of
March 15, 2011

Equipment Description:

SURFACE PREPARATION/PRETREATMENT LINE CONSISTING OF:

1. TANK NO. 1, ACID DEGREASING TANK, GIM BIOSYS 41S, 4'-3" W. X 29'-6" L. X 5'-3" H., AIR SPARGED, 69.6 KW ELECTRICALLY HEATED, VENTED TO AIR POLLUTION CONTROL EQUIPMENT.
2. TANK NO. 3, ACID PICKLING TANK, HYDROCHLORIC ACID, 4'-3" W. X 29'-6" L. X 5'-3" H., AIR SPARGED, VENTED TO AIR POLLUTION CONTROL EQUIPMENT.
3. TANK NO. 4, ACID PICKLING TANK, HYDROCHLORIC ACID, 4'-3" W. X 29'-6" L. X 5'-3" H., AIR SPARGED, VENTED TO AIR POLLUTION CONTROL EQUIPMENT.
4. TANK NO. 6, FLUXING TANK, ZINC CHLORIDE, AMMONIUM CHLORIDE, 4'-3" W. X 29'-6" L. X 5'-3" H., AIR SPARGED, 150.8 KW ELECTRICALLY HEATED, VENTED TO AIR POLLUTION CONTROL EQUIPMENT.
5. TANK NO. 7, FLUX DRIP COLLECTING TANK, ZINC CHLORIDE, AMMONIUM CHLORIDE, 4'-3" W. X 29'-6" L. X 5'-3" H., VENTED TO AIR POLLUTION CONTROL EQUIPMENT.
6. TANK NO. 8, ZINC STRIPPING TANK, HYDROCHLORIC ACID, 4'-3" W. X 29'-6" L. X 5'-3" H., VENTED TO AIR POLLUTION CONTROL EQUIPMENT.
7. ASSOCIATED RINSE TANKS.

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. ALL TANKS SHALL BE CLEARLY IDENTIFIED AND LABELED WITH THE APPROPRIATE TANK NUMBER AS DESIGNATED IN THE EQUIPMENT DESCRIPTION. THE IDENTIFICATION AND/OR LABELING OF EACH TANK SHALL BE DIRECTLY AFFIXED TO EACH TANK AND SHALL BE CLEARLY VISIBLE AND LEGIBLE.
[RULE 1301(a)(1)-BACT]

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4. AIR SPARGING, RECTIFICATION, AND/OR HEATING SHALL NOT BE CONDUCTED EXCEPT IN TANKS WHERE THESE OPERATIONS ARE SPECIFICALLY IDENTIFIED IN THE EQUIPMENT DESCRIPTION. REMOVAL OF SUCH DEVICES FROM THESE TANKS DOES NOT CONSTITUTE A MODIFICATION FOR PERMITTING PURPOSES.
 [RULE 1301(a)(1)-BACT]

5. THE OPEN PROCESS TANKS IN THIS LINE SHALL BE OPERATED AT OR BELOW THE PARAMETER LIMITS IN THE FOLLOWING TABLE:

TANK NO.	CHEMICAL	MAXIMUM CHEMICAL CONCENTRATION PERCENT BY WEIGHT (WT%)	MAXIMUM ANNUAL AMPERE-HOURS (CALENDAR YEAR)	MAXIMUM OPERATING TEMPERATURE (DEG. F.)	MAXIMUM SURFACE AREA (FT ²)
3	HYDROCHLORIC ACID	16	N/A	N/A	125.4
4	HYDROCHLORIC ACID	16	N/A	N/A	125.4
6	AMMONIUM CHLORIDE	44	N/A	131	125.4
6	ZINC CHLORIDE	56	N/A	131	125.4
7	AMMONIUM CHLORIDE	44	N/A	N/A	125.4
7	ZINC CHLORIDE	56	N/A	N/A	125.4
8	HYDROCHLORIC ACID	16	N/A	N/A	125.4

FOR THE PURPOSE OF THIS CONDITION, CONCENTRATION MEANS ANHYDROUS CONCENTRATION (NOT INCLUDING WATER OR WATER OF HYDRATION).
 [RULE 1301(a)(1)-BACT]

6. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401 TABLE 1, EXCEPT HYDROCHLORIC ACID, ZINC AND ZINC COMPOUNDS WITH AN EFFECTIVE DATE OF JUNE 5, 2009 OR EARLIER.
 [RULE 1401]

7. THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY THE FOLLOWING:

- A. THE RECORDS REQUIRED BY THE CONDITIONS IN THIS PERMIT.
- B. THE QUANTITY AND COMPOSITION OF EACH MATERIAL ADDED TO EACH TANK DURING REPLENISHMENT.
- C. MATERIAL SAFETY DATA SHEETS (MSDS) FOR ALL MATERIALS CHARGED TO EACH PROCESS TANK AT THIS FACILITY.

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SUCH RECORDS SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT,
RETAINED AT THE FACILITY FOR A PERIOD OF FIVE YEARS AND MADE AVAILABLE TO
DISTRICT PERSONNEL UPON REQUEST.
[RULE 109, 1301(a)(1)-BACT]

FACILITY PERMIT TO OPERATE WESTERN TUBE & CONDUIT CORP

PERMIT TO CONSTRUCT

A/N 513988
Granted as of
March 15, 2011

Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. SCRUBBER, GIMECO, MODEL NO. 140.40.20.000, VERTICAL PACKED BED TYPE, 6'-7" DIA. X 26'-3" H, WITH 7'-7" DEPTH OF POLYPROPYLENE PACKING AND ONE 11.34 H.P. RECIRCULATION PUMP.
2. EXHAUST SYSTEM WITH A 50 HP EXHAUST FAN VENTING TANK NOS. 1, 3, 4, 6, 7, 8 AND ASSOCIATED RINSE TANKS.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT WAS 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 BE IN FULL USE WHENEVER ANY OF THE EQUIPMENT VENTED TO IT IS OPERATING.
[RULE 1303(a)(1)-BACT]
4. THE RECIRCULATION RATE OF THE SCRUBBING SOLUTION SHALL NOT BE LESS THAN 132 GALLONS PER MINUTE.
[RULE 1303(a)(1)-BACT]
5. A FLOWMETER, INDICATING GALLONS PER MINUTE, SHALL BE INSTALLED IN THE SCRUBBING SOLUTION SUPPLY LINE TO THE SCRUBBER.
[RULE 1303(a)(1)-BACT]
6. THE PH OF THE SCRUBBING SOLUTION SHALL NOT BE LESS THAN 8. TO COMPLY WITH THIS LIMIT, THE OPERATOR SHALL INSTALL AND MAINTAIN A PH METER TO ACCURATELY MEASURE THE PH OF THE SCRUBBING SOLUTION, MEASURE THE PH DAILY AND KEEP ADEQUATE RECORDS TO VERIFY THE PH. THE RECORDS SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT, RETAINED ON THE PREMISES FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1303(a)(1)-BACT]
7. THE OPERATOR SHALL COMPLY WITH THE INSPECTION AND MAINTENANCE REQUIREMENTS FOR THE PACKED BED SCRUBBER LISTED BELOW:

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- A. QUARTERLY VISUAL INSPECTION OF THE DEVICE TO ENSURE THERE IS PROPER DRAINAGE, NO UNUSUAL BUILDUP ON THE PACKED BED AND NO EVIDENCE OF CHEMICAL ATTACK THAT AFFECTS THE STRUCTURAL INTEGRITY OF THE DEVICE.
 - B. QUARTERLY VISUAL INSPECTION OF THE BACK PORTION OF THE PACKED BED CLOSEST TO THE FAN TO ENSURE THERE IS NO BREAKTHROUGH.
 - C. QUARTERLY VISUAL INSPECTION OF THE DUCTWORK FROM THE TANKS TO THE CONTROL DEVICE TO ENSURE THERE ARE NO LEAKS.
 - D. ADD FRESH MAKE-UP WATER TO THE PACKED BED WHENEVER NECESSARY.
[RULE 1303(a)(1)-BACT]
8. THE OPERATOR SHALL MAINTAIN INSPECTION AND MAINTENANCE RECORDS FOR THE AIR POLLUTION CONTROL SYSTEM AND MONITORING EQUIPMENT TO DOCUMENT COMPLIANCE WITH THE INSPECTION AND MAINTENANCE REQUIREMENTS OF THIS PERMIT. THE RECORD SHALL IDENTIFY:
- A. THE DEVICE INSPECTED.
 - B. THE DATE AND TIME OF INSPECTION.
 - C. THE WORKING CONDITION OF THE DEVICE DURING THE INSPECTION.
 - D. ANY MAINTENANCE ACTIVITIES PERFORMED ON THE AIR POLLUTION CONTROL SYSTEM OR PARAMETER MONITORING SYSTEM.
 - E. ANY ACTIONS TAKEN TO CORRECT DEFICIENCIES FOUND DURING THE INSPECTION.
[RULE 1303(a)(1)-BACT]
9. ALL RECORDS USED TO DEMONSTRATE COMPLIANCE WITH THE CONDITIONS OF THIS PERMIT SHALL BE RETAINED AT THE FACILITY FOR A PERIOD OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1303(a)(1)-BACT]

Periodic Monitoring:

10. THE OPERATOR SHALL DETERMINE AND RECORD THE FLOW RATE OF THE SCRUBBING SOLUTION ONCE EVERY DAY.
[RULE 3004 (a)(4)]

Emissions And Requirements:

11. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULE AND REGULATION:

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE WESTERN TUBE & CONDUIT CORP

PERMIT TO CONSTRUCT

**A/N 513990
Granted as of
March 15, 2011**

Equipment Description:

ZINC GALVANIZING SYSTEM CONSISTING OF:

1. DRYER, PRE-FURNACE, 1.19 MMBTU PER HOUR NATURAL GAS-FIRED WITH INDIRECT HEAT EXCHANGER.
2. FURNACE, GIMECO, MODEL NO. 220.30.00.000, KETTLE TYPE, 4'-3" W. X 27'-11" L. X 8'-2" H., NATURAL GAS-FIRED, WITH FOUR 1.39 MMBTU PER HOUR LOW NO_x BURNERS AND A 15 HP BLOWER.
3. ZINC BLOWING DUCT HEATER, 992,063 BTU PER HOUR NATURAL GAS-FIRED.

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 EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1)-BACT]
4. THIS EQUIPMENT SHALL BE OPERATED IN COMPLIANCE WITH RULE 1147.
[RULE 1147]
5. THE TOTAL QUANTITY OF NATURAL GAS USED IN THE PRE-FURNACE DRYER SHALL NOT EXCEED 489,600 CUBIC FEET IN ANY CALENDAR MONTH.
[RULE 1303(a)(1)-BACT]
6. THE TOTAL QUANTITY OF NATURAL GAS USED IN THE GALVANIZING FURNACE SHALL NOT EXCEED 2,745,050 CUBIC FEET IN ANY CALENDAR MONTH.
[RULE 1303(a)(1)-BACT]
7. THE TOTAL QUANTITY OF NATURAL GAS USED IN THE ZINC BLOWING DUCT HEATER SHALL NOT EXCEED 408,240 CUBIC FEET IN ANY CALENDAR MONTH.

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[RULE 1303(a)(1)-BACT]

8. A NON-RESETTABLE TOTALIZING FUEL METER(S) SHALL BE INSTALLED AND MAINTAINED TO VERIFY COMPLIANCE WITH CONDITION NOS. 5, 6 AND 7.
[RULE 1303(a)(1)-BACT]
9. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL CONDUCT A SOURCE TEST UNDER THE FOLLOWING CONDITIONS:
 - A. THE SOURCE TEST SHALL BE CONDUCTED NO LATER THAN 180 DAYS AFTER THE INITIAL START-UP OF THE FURNACE UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.
 - B. A SOURCE TEST PROTOCOL SHALL BE SUBMITTED TO THE DISTRICT ENGINEER, TODD IWATA, 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 FURNACE FOR:
 - (1) OXIDES OF NITROGEN (NO_x) IN PPMV AND LBS/HR (FURNACE EXHAUST ONLY)
 - (2) CARBON MONOXIDE (CO) IN PPMV AND LBS/HR (FURNACE EXHAUST ONLY)
 - (3) OXYGEN CONTENT
 - (4) MOISTURE CONTENT
 - (5) FLOW RATE
 - (6) TEMPERATURE
 - D. THE SOURCE TEST SHALL BE CONDUCTED DURING START-UP OF THE FURNACE.
 - E. A WRITTEN NOTICE OF THE SOURCE TESTS SHALL BE SUBMITTED TO THE DISTRICT ENGINEER, TODD IWATA, AT LEAST 14 DAYS PRIOR TO THE SOURCE TESTING DATE SO THAT AN OBSERVER FROM THE DISTRICT MAY BE PRESENT.
 - F. TWO COMPLETE COPIES OF THE SOURCE TEST REPORT SHALL BE SUBMITTED TO THE DISTRICT ENGINEER, TODD IWATA, 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.
 - G. 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.

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- H. SAMPLING FACILITIES SHALL COMPLY WITH THE DISTRICT GUIDELINES FOR CONSTRUCTION OF SAMPLING AND TESTING FACILITIES, PURSUANT TO RULE 217.
- I. 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, TODD IWATA, WITHIN 45 DAYS AFTER THE TESTING DATE.
- [RULE 1303(a)(1)-BACT]

Periodic Monitoring:

10. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSIONS FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THERE IS A PUBLIC COMPLAINT OF VISIBLE EMISSIONS, WHENEVER VISIBLE EMISSIONS ARE OBSERVED, AND ON AN ANNUAL BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE ENTIRE ANNUAL PERIOD. THE ROUTINE ANNUAL INSPECTION SHALL BE CONDUCTED WHILE THE EQUIPMENT IS IN OPERATION AND DURING DAYLIGHT HOURS.

IF ANY VISIBLE EMISSIONS (NOT INCLUDING CONDENSED WATER VAPOR) ARE DETECTED THAT LAST MORE THAN THREE MINUTES IN ANY ONE-HOUR, THE OPERATOR SHALL VERIFY AND CERTIFY WITHIN 24 HOURS THAT THE EQUIPMENT CAUSING THE EMISSION AND ANY ASSOCIATED AIR POLLUTION CONTROL EQUIPMENT ARE OPERATING NORMALLY ACCORDING TO THEIR DESIGN AND STANDARD PROCEDURES AND UNDER THE SAME CONDITIONS UNDER WHICH COMPLIANCE WAS ACHIEVED IN THE PAST, AND EITHER:

- A. TAKE CORRECTIVE ACTION(S) THAT ELIMINATES THE VISIBLE EMISSIONS WITHIN 24 HOURS AND REPORT THE VISIBLE EMISSIONS AS A POTENTIAL DEVIATION IN ACCORDANCE WITH THE REPORTING REQUIREMENTS IN SECTION K OF THIS PERMIT; OR
- B. HAVE A CARB-CERTIFIED SMOKE READER DETERMINE COMPLIANCE WITH THE OPACITY STANDARD, USING EPA METHOD 9 OR THE PROCEDURES IN THE CARB MANUAL "VISIBLE EMISSION EVALUATION", WITHIN THREE BUSINESS DAYS AND REPORT ANY DEVIATIONS TO AQMD.

THE OPERATOR SHALL KEEP THE RECORDS IN ACCORDANCE WITH THE RECORDKEEPING REQUIREMENTS IN SECTION K OF THIS PERMIT AND THE FOLLOWING RECORDS:

- A. STACK OR EMISSION POINT IDENTIFICATION;
- B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
- D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.
- [RULE 3004 (a)(4)]

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Emissions And Requirements:

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

NOX: 60 PPMV, RULE 1147
CO: 2000 PPMV, RULE 407
PM: 0.1 GR/SCF, RULE 409
PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE WESTERN TUBE & CONDUIT CORP

PERMIT TO CONSTRUCT

A/N 513994
Granted as of
March 15, 2011

Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. BAGHOUSE, GIMECO, MODEL NO. 250.40.10.000, WITH 360 FILTER BAGS, EACH 5" DIA. X 8'-2" L., PULSE JET CLEANING AND AN ENCLOSED DUST CONTAINER.
2. EXHAUST SYSTEM WITH A 60.3 HP BLOWER VENTING A ZINC GALVANIZING FURNACE.

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 EQUIPMENT SHALL BE OPERATED IN COMPLIANCE WITH RULE 1155.
[RULE 1155]
4. DUST COLLECTED IN THE BAGHOUSE SHALL BE DISCHARGED ONLY INTO CLOSED CONTAINERS.
[RULE 1303(a)(1)-BACT]
5. THE OPERATOR SHALL INSTALL AND MAINTAIN A DIFFERENTIAL PRESSURE GAUGE TO ACCURATELY INDICATE THE DIFFERENTIAL PRESSURE ACROSS THE CARTRIDGE FILTERS.
[RULE 1303(a)(1)-BACT]
6. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE DIFFERENTIAL PRESSURE BEING MONITORED DOES NOT EXCEED 4 INCHES OF WATER COLUMN.
[RULE 1303(a)(1)-BACT]

Periodic Monitoring:

7. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSIONS FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THERE IS A PUBLIC COMPLAINT OF VISIBLE EMISSIONS, WHENEVER VISIBLE EMISSIONS ARE OBSERVED, AND ON A QUARTERLY BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE ENTIRE QUARTERLY PERIOD. THE ROUTINE QUARTERLY INSPECTION SHALL BE CONDUCTED WHILE THE EQUIPMENT IS IN OPERATION AND DURING DAYLIGHT HOURS. IF ANY VISIBLE

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EMISSIONS (NOT INCLUDING CONDENSED WATER VAPOR) ARE DETECTED, THE OPERATOR SHALL TAKE CORRECTIVE ACTION(S) THAT ELIMINATES THE VISIBLE EMISSIONS WITHIN 24 HOURS AND REPORT THE VISIBLE EMISSIONS AS A POTENTIAL DEVIATION IN ACCORDANCE WITH THE REPORTING REQUIREMENTS IN SECTION K OF THIS PERMIT.

THE OPERATOR SHALL KEEP THE RECORDS IN ACCORDANCE WITH THE RECORDKEEPING REQUIREMENTS IN SECTION K OF THIS PERMIT AND THE FOLLOWING RECORDS:

- A. STACK OR EMISSION POINT IDENTIFICATION;
 - B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
AND
 - C. DATE AND TIME VISIBLE EMISSION WAS ABATED.
[RULE 3004 (a)(4)]
8. THE OPERATOR SHALL PERFORM AN ANNUAL 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)]

Emissions And Requirements:

9. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULE AND REGULATION:
- PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE WESTERN TUBE & CONDUIT CORP

PERMIT TO CONSTRUCT

A/N 513997
Granted as of
March 15, 2011

Equipment Description:

BOILER, WATER TUBE TYPE, HURST, MODEL NO. S5-X-15-250-NVC, 6.3 MMBTU/HR NATURAL GAS FIRED, WITH A POWR FLAME, MODEL NO. NVC5-30 LOW NOX BURNER AND ONE 33.5 HP BLOWER.

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 EQUIPMENT SHALL BE FIRED ON NATURAL GAS ONLY.
[RULE 1303 (a)(1)-BACT]
4. THIS EQUIPMENT SHALL BE OPERATED IN COMPLIANCE WITH RULE 1146.
[RULE 1146]
5. THIS BOILER SHALL EMIT NO MORE THAN 9 PPMV OF OXIDES OF NITROGEN (NO_x) CALCULATED AS NO₂ AND 100 PPMV OF CARBON MONOXIDE (CO), ALL MEASURED BY VOLUME ON A DRY BASIS AT 3% O₂.
[RULE 1303 (a)(1)-BACT]
6. THE OPERATOR OF THIS EQUIPMENT SHALL CONDUCT SOURCE TESTS UNDER THE FOLLOWING CONDITIONS TO DEMONSTRATE COMPLIANCE WITH THE PERMIT CONDITIONS:
 - A. THE SOURCE TESTS SHALL BE CONDUCTED NO LATER THAN 180 DAYS AFTER THE INITIAL START-UP OF THIS EQUIPMENT UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.
 - B. A SOURCE TEST PROTOCOL SHALL BE SUBMITTED TO DISTRICT ENGINEER, TODD IWATA, NO LATER THAN 60 DAYS AFTER THE INITIAL START-UP OF THIS EQUIPMENT 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.

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- C. THE SOURCE TESTS SHALL CONSIST OF, BUT MAY NOT BE LIMITED TO, TESTING AT THE EXHAUST OF THE BOILER FOR:
- (1) OXIDES OF NITROGEN
 - (2) CARBON MONOXIDE
 - (3) OXYGEN CONTENT
 - (4) MOISTURE CONTENT
 - (5) FLOW RATE
 - (6) TEMPERATURE
- D. A WRITTEN NOTICE OF THE SOURCE TESTS SHALL BE SUBMITTED TO DISTRICT ENGINEER, TODD IWATA, AT LEAST 14 DAYS PRIOR TO THE SOURCE TESTING DATE SO THAT AN OBSERVER FROM THE DISTRICT MAY BE PRESENT.
- E. TWO COMPLETE COPIES OF THE SOURCE TEST REPORTS SHALL BE SUBMITTED TO DISTRICT ENGINEER, TODD IWATA, WITHIN 45 DAYS AFTER THE SOURCE TESTING DATE UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT. THE SOURCE TEST REPORT SHALL INCLUDE, BUT MAY NOT BE LIMITED TO, ALL TESTING DATA REQUIRED BY THIS CONDITION.
- F. 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 TEST.
- G. SAMPLING FACILITIES SHALL COMPLY WITH THE DISTRICT GUIDELINES FOR CONSTRUCTION OF SAMPLING AND TESTING FACILITIES, PURSUANT TO RULE 217.
- H. THE OPERATOR OF THIS EQUIPMENT SHALL SUBMIT THE RESULTS OF ALL PRELIMINARY TESTS THAT ARE CONDUCTED ON THIS EQUIPMENT FOR INFORMATIONAL PURPOSES TO DISTRICT ENGINEER, TODD IWATA, WITHIN 45 DAYS AFTER THE TESTING DATE UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.

[RULE 1303 (a)(1)-BACT]

Periodic Monitoring:

7. THE OPERATOR SHALL DETERMINE COMPLIANCE WITH THE NOX EMISSION LIMIT(S) EITHER BY: (a) CONDUCTING A SOURCE TEST AT LEAST ONCE EVERY FIVE YEARS USING AQMD METHOD 100.1 OR 7.1; OR (b) CONDUCTING A TEST AT LEAST ANNUALLY USING A PORTABLE ANALYZER AND AQMD-APPROVED TEST METHOD. THE TEST SHALL BE CONDUCTED WHEN THE EQUIPMENT IS OPERATING UNDER NORMAL CONDITIONS TO DEMONSTRATE COMPLIANCE WITH THE NO_x CONCENTRATION LIMIT. THE OPERATOR SHALL COMPLY WITH ALL GENERAL TESTING, REPORTING, AND RECORDKEEPING REQUIREMENTS IN SECTIONS E AND K OF THIS PERMIT.
[RULE 3004 (a)(4)]
8. THE OPERATOR SHALL DETERMINE COMPLIANCE WITH THE CO EMISSION LIMIT(S) EITHER BY:

FACILITY PERMIT TO OPERATE WESTERN TUBE & CONDUIT CORP

(a) CONDUCTING A SOURCE TEST AT LEAST ONCE EVERY FIVE YEARS USING AQMD METHOD 100.1 OR 10.1; OR (b) CONDUCTING A TEST AT LEAST ANNUALLY USING A PORTABLE ANALYZER AND AQMD-APPROVED TEST METHOD. THE TEST SHALL BE CONDUCTED WHEN THE EQUIPMENT IS OPERATING UNDER NORMAL CONDITIONS TO DEMONSTRATE COMPLIANCE WITH THE CO CONCENTRATION LIMIT. THE OPERATOR SHALL COMPLY WITH ALL GENERAL TESTING, REPORTING, AND RECORDKEEPING REQUIREMENTS IN SECTIONS E AND K OF THIS PERMIT.

[RULE 3004 (a)(4)]

Emissions And Requirements:

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

CO: 2000 PPMV, RULE 407

CO: 400 PPMV, RULE 1146

NOX: 30 PPMV, RULE 1146

PM: 0.1 GR/SCF, RULE 409

FACILITY PERMIT TO OPERATE WESTERN TUBE & CONDUIT CORP

PERMIT TO CONSTRUCT

A/N 514000
Granted as of
March 15, 2011

Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. BAGHOUSE, GIMECO, MODEL NO. 250.40.10.010, WITH 220 FILTER BAGS, EACH 5" DIA. X 8'-2" L., PULSE JET CLEANING AND AN ENCLOSED DUST CONTAINER.
2. CYCLONE, GIMECO, 5'-3' DIA X 20'-9" L.
3. EXHAUST SYSTEM WITH A 33.5 HP BLOWER VENTING A ZINC BLOWING DUCT HEATER.

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 EQUIPMENT SHALL BE OPERATED IN COMPLIANCE WITH RULE 1155.
[RULE 1155]
4. DUST COLLECTED IN THE BAGHOUSE SHALL BE DISCHARGED ONLY INTO CLOSED CONTAINERS.
[RULE 1303(a)(1)-BACT]
5. THE OPERATOR SHALL INSTALL AND MAINTAIN A DIFFERENTIAL PRESSURE GAUGE TO ACCURATELY INDICATE THE DIFFERENTIAL PRESSURE ACROSS THE CARTRIDGE FILTERS.
[RULE 1303(a)(1)-BACT]
6. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE DIFFERENTIAL PRESSURE BEING MONITORED DOES NOT EXCEED 4 INCHES OF WATER COLUMN.
[RULE 1303(a)(1)-BACT]

Periodic Monitoring:

7. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSIONS FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THERE IS A PUBLIC COMPLAINT OF VISIBLE EMISSIONS, WHENEVER VISIBLE EMISSIONS ARE OBSERVED, AND ON A QUARTERLY BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE

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ENTIRE QUARTERLY PERIOD. THE ROUTINE QUARTERLY INSPECTION SHALL BE CONDUCTED WHILE THE EQUIPMENT IS IN OPERATION AND DURING DAYLIGHT HOURS. IF ANY VISIBLE EMISSIONS (NOT INCLUDING CONDENSED WATER VAPOR) ARE DETECTED, THE OPERATOR SHALL TAKE CORRECTIVE ACTION(S) THAT ELIMINATES THE VISIBLE EMISSIONS WITHIN 24 HOURS AND REPORT THE VISIBLE EMISSIONS AS A POTENTIAL DEVIATION IN ACCORDANCE WITH THE REPORTING REQUIREMENTS IN SECTION K OF THIS PERMIT.

THE OPERATOR SHALL KEEP THE RECORDS IN ACCORDANCE WITH THE RECORDKEEPING REQUIREMENTS IN SECTION K OF THIS PERMIT AND THE FOLLOWING RECORDS:

- A. STACK OR EMISSION POINT IDENTIFICATION;
 - B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
AND
 - C. DATE AND TIME VISIBLE EMISSION WAS ABATED.
[RULE 3004 (a)(4)]
8. THE OPERATOR SHALL PERFORM AN ANNUAL 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.

Emissions And Requirements:

9. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULE AND REGULATION:
- PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

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PERMIT TO CONSTRUCT

A/N 516743
Granted as of
March 15, 2011

Equipment Description:

GALVANIZING LINE NO. 2 CONSISTING OF:

3. LOOPER BOX AND CLEANING TANK.
2. FORMING MILL.
3. SEAM WELDER, 300 KW.
5. CONDUIT COOLING TANK.
5. BUFFING WHEEL.
6. PICKLING TANK.
7. CONDUIT PREHEATER, ELECTRICALLY HEATED.
8. FURNACE, ZINC GALVANIZING, LINDBURG, HEVI-DUTY, KETTLE-TYPE, 3'-0" W. X 14'-0" L. X 3'-5" H., 1,600,000 BTU PER HOUR, NATURAL GAS-FIRED, WITH A 5 HP BLOWER.
9. COOLING TANK.
10. SIZING MILL.
11. CHROMATE COATER.
12. LACQUER COATER.
13. CONDUIT CUT OFF.
14. END BRUSHING MACHINE.

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]

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3. THE PICKLING TANK, FURNACE, DROSS AREA AND UV COATER SHALL NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1)-BACT]
4. THE TOTAL QUANTITY OF NATURAL GAS USED IN THE EQUIPMENT OPERATING UNDER APPLICATION NUMBERS 516743 AND 516744 SHALL NOT CUMULATIVELY EXCEED 3,600,000 CUBIC FEET IN ANY CALENDAR MONTH.
[RULE 1303(b)(2)-OFFSET]
5. THE OPERATOR SHALL INSTALL AND MAINTAIN A NON-RESETTABLE TOTALIZING FUEL METER TO ACCURATELY INDICATE THE AMOUNT OF FUEL BEING SUPPLIED TO THE EQUIPMENT OPERATING UNDER APPLICATION NUMBERS 516743 AND 516744.
[RULE 1303(b)(2)-OFFSET]
6. THE TOTAL AMOUNT OF VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS FROM THE USE OF MATERIALS APPLIED IN THE CHROMATE, UV AND LACQUER COATERS PERMITTED UNDER APPLICATION NUMBERS 516743, 516744 AND 516745 SHALL NOT EXCEED 30 POUNDS, AFTER CONTROL, IN ANY ONE DAY.
[RULE 1303(b)(2)-OFFSET]
7. IN ADDITION TO THE RECORDKEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY DAILY VOC EMISSIONS, IN POUNDS, AND THE VOC CONTENT OF EACH MATERIAL, AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS. ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH 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, 1303(b)(2)-OFFSET]
8. THE MATERIALS USED IN THE CHROMATE AND LACQUER COATERS SHALL HAVE A VOC CONTENT OF 5% BY WEIGHT OR LESS.
[RULE 1303(a)(1)-BACT]
9. MATERIALS USED IN THE CHROMATE AND LACQUER COATERS SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE 1, EXCEPT HEXAVALENT CHROMIUM, WITH AN EFFECTIVE DATE OF MAY 2, 2003 OR EARLIER.
[RULE 1401]

Periodic Monitoring:

10. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSIONS FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THERE IS A PUBLIC COMPLAINT OF VISIBLE EMISSIONS, WHENEVER VISIBLE EMISSIONS ARE OBSERVED, AND ON AN ANNUAL BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE ENTIRE ANNUAL PERIOD. THE ROUTINE ANNUAL INSPECTION SHALL BE CONDUCTED WHILE THE EQUIPMENT IS IN OPERATION AND DURING DAYLIGHT HOURS.

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IF ANY VISIBLE EMISSIONS (NOT INCLUDING CONDENSED WATER VAPOR) ARE DETECTED THAT LAST MORE THAN THREE MINUTES IN ANY ONE-HOUR, THE OPERATOR SHALL VERIFY AND CERTIFY WITHIN 24 HOURS THAT THE EQUIPMENT CAUSING THE EMISSION AND ANY ASSOCIATED AIR POLLUTION CONTROL EQUIPMENT ARE OPERATING NORMALLY ACCORDING TO THEIR DESIGN AND STANDARD PROCEDURES AND UNDER THE SAME CONDITIONS UNDER WHICH COMPLIANCE WAS ACHIEVED IN THE PAST, AND EITHER:

- A. TAKE CORRECTIVE ACTION(S) THAT ELIMINATES THE VISIBLE EMISSIONS WITHIN 24 HOURS AND REPORT THE VISIBLE EMISSIONS AS A POTENTIAL DEVIATION IN ACCORDANCE WITH THE REPORTING REQUIREMENTS IN SECTION K OF THIS PERMIT; OR
- B. HAVE A CARB-CERTIFIED SMOKE READER DETERMINE COMPLIANCE WITH THE OPACITY STANDARD, USING EPA METHOD 9 OR THE PROCEDURES IN THE CARB MANUAL "VISIBLE EMISSION EVALUATION", WITHIN THREE BUSINESS DAYS AND REPORT ANY DEVIATIONS TO AQMD.

THE OPERATOR SHALL KEEP THE RECORDS IN ACCORDANCE WITH THE RECORDKEEPING REQUIREMENTS IN SECTION K OF THIS PERMIT AND THE FOLLOWING RECORDS:

- A. STACK OR EMISSION POINT IDENTIFICATION;
- B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
- D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.
[RULE 3004 (a)(4)]

11. THE OPERATOR SHALL CONDUCT SOURCE TEST(S) IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:

- A. THE TEST SHALL BE CONDUCTED AT LEAST ONCE EVERY FIVE YEARS.
- B. THE TEST SHALL CONSIST OF, BUT MAY NOT BE LIMITED TO, A TEST OF THE INLET AND EXHAUST OF THE FURNACE FOR:
 - (1) OXIDES OF NITROGEN (NO_x) IN PPMV AND LBS/HR (FURNACE EXHAUST ONLY)
 - (2) CARBON MONOXIDE (CO) IN PPMV AND LBS/HR (FURNACE EXHAUST ONLY)
 - (3) OXYGEN CONTENT
 - (4) MOISTURE CONTENT
 - (5) FLOW RATE
 - (6) TEMPERATURE
- C. THE SOURCE TEST SHALL BE CONDUCTED DURING NORMAL OPERATION OF THE FURNACE.
- D. THE TEST SHALL BE CONDUCTED TO DETERMINE NOX AND CO EMISSIONS USING AN APPROVED DISTRICT METHOD TO DEMONSTRATE COMPLIANCE WITH ALL APPLICABLE PERMIT CONDITION(S), RULES AND REGULATIONS
- E. THE OPERATOR SHALL COMPLY WITH ADMINISTRATIVE CONDITIONS NOS. 8, 9,

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AND 10 OF SECTION E OF THIS FACILITY PERMIT.

- F. THE OPERATOR SHALL SUBMIT TWO COMPLETE COPIES OF THE SOURCE TEST REPORT SPECIFIED IN CONDITION NO. 9 OF SECTION E OF THIS FACILITY PERMIT TO THE DISTRICT ENGINEERING AND COMPLIANCE DIVISION. THE ENGINEERING COPY OF THE REPORT SHALL BE SENT TO: SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, COATING, PRINTING, PLATING, MILITARY AND ENTERTAINMENT OPERATIONS, ATTN: AIR QUALITY AND COMPLIANCE SUPERVISOR, 21865 COPLEY DRIVE, DIAMOND BAR, CA 91765. THE COMPLIANCE COPY OF THE REPORT SHALL BE SENT TO: SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, P.O. BOX 4941, DIAMOND BAR, CA 91765
- [RULE 3004(a)(4)]

Emissions And Requirements:

12. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- VOC: RULE 109
VOC: RULE 1107, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
CO: 2000 PPMV, RULE 407
PM: 0.1 GR/SCF, RULE 409
PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS
NOx: RULE 1147

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PERMIT TO CONSTRUCT

A/N 516744
Granted as of
March 15, 2011

Equipment Description:

GALVANIZING LINE NO. 4 CONSISTING OF:

1. CLEANING TANK.
2. FORMING MILL.
3. SEAM WELDER, 300 KW.
4. BUFFING WHEEL.
5. PICKLING TANK.
6. CONDUIT PREHEATER, ELECTRICALLY HEATED.
7. FURNACE, ZINC GALVANIZING, LINDBURG, HEVI-DUTY, KETTLE-TYPE, 3'-6" W. X 20'-0" L. X 6'-3" H., 4,550,000 BTU PER HOUR, NATURAL GAS-FIRED, WITH A 7 ½ HP BLOWER.
8. COOLING TANK.
9. SIZING MILL.
10. CHROMATE COATER.
11. UV COATER.
12. LACQUER COATER.
13. UV CURE STATION, ELECTRICALLY HEATED.
14. CONDUIT CUT OFF.

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]

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3. THE PICKLING TANK, FURNACE AND DROSS AREA SHALL NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1)-BACT]
4. THE TOTAL QUANTITY OF NATURAL GAS USED IN THE EQUIPMENT OPERATING UNDER APPLICATION NUMBERS 516743 AND 516744 SHALL NOT CUMULATIVELY EXCEED 3,600,000 CUBIC FEET IN ANY CALENDAR MONTH.
[RULE 1303(b)(2)-OFFSET]
5. THE TOTAL QUANTITY OF NATURAL GAS USED IN THIS EQUIPMENT SHALL NOT EXCEED 1,716,000 CUBIC FEET IN ANY CALENDAR MONTH.
[RULE 1303(a)(1)-BACT]
6. A NON-RESETTABLE TOTALIZING FUEL METER SHALL BE INSTALLED AND MAINTAINED TO VERIFY COMPLIANCE WITH CONDITION NO. 5.
[RULE 1303(a)(1)-BACT]
7. THE TOTAL AMOUNT OF VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS FROM THE USE OF MATERIALS APPLIED IN THE CHROMATE, UV AND LACQUER COATERS PERMITTED UNDER APPLICATION NUMBERS 516743, 516744 AND 516745 SHALL NOT EXCEED 30 POUNDS, AFTER CONTROL, IN ANY ONE DAY.
[RULE 1303(b)(2)-OFFSET]
8. IN ADDITION TO THE RECORDKEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY DAILY VOC EMISSIONS, IN POUNDS, AND THE VOC CONTENT OF EACH MATERIAL, AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS. ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH 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, 1303(b)(2)-OFFSET]
9. THE MATERIALS USED IN THE CHROMATE, UV AND LACQUER COATERS SHALL HAVE A VOC CONTENT OF 5% BY WEIGHT OR LESS.
[RULE 1303(a)(1)-BACT]
10. MATERIALS USED IN THE CHROMATE AND LACQUER COATERS SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE 1, EXCEPT HEXAVALENT CHROMIUM, WITH AN EFFECTIVE DATE OF MAY 2, 2003 OR EARLIER.
[RULE 1401]
11. THE CLEANING MATERIAL USED IN THE CLEANING TANK SHALL NOT CONTAIN ANY VOC OR ANY TOXIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE 1, WITH AN EFFECTIVE DATE OF MARCH 7, 2008 OR EARLIER.
[RULE 1303(b)(2)-OFFSET, 1401]

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Periodic Monitoring:

12. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSIONS FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THERE IS A PUBLIC COMPLAINT OF VISIBLE EMISSIONS, WHENEVER VISIBLE EMISSIONS ARE OBSERVED, AND ON AN ANNUAL BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE ENTIRE ANNUAL PERIOD. THE ROUTINE ANNUAL INSPECTION SHALL BE CONDUCTED WHILE THE EQUIPMENT IS IN OPERATION AND DURING DAYLIGHT HOURS.

IF ANY VISIBLE EMISSIONS (NOT INCLUDING CONDENSED WATER VAPOR) ARE DETECTED THAT LAST MORE THAN THREE MINUTES IN ANY ONE-HOUR, THE OPERATOR SHALL VERIFY AND CERTIFY WITHIN 24 HOURS THAT THE EQUIPMENT CAUSING THE EMISSION AND ANY ASSOCIATED AIR POLLUTION CONTROL EQUIPMENT ARE OPERATING NORMALLY ACCORDING TO THEIR DESIGN AND STANDARD PROCEDURES AND UNDER THE SAME CONDITIONS UNDER WHICH COMPLIANCE WAS ACHIEVED IN THE PAST, AND EITHER:

- A. TAKE CORRECTIVE ACTION(S) THAT ELIMINATES THE VISIBLE EMISSIONS WITHIN 24 HOURS AND REPORT THE VISIBLE EMISSIONS AS A POTENTIAL DEVIATION IN ACCORDANCE WITH THE REPORTING REQUIREMENTS IN SECTION K OF THIS PERMIT; OR
- B. HAVE A CARB-CERTIFIED SMOKE READER DETERMINE COMPLIANCE WITH THE OPACITY STANDARD, USING EPA METHOD 9 OR THE PROCEDURES IN THE CARB MANUAL "VISIBLE EMISSION EVALUATION", WITHIN THREE BUSINESS DAYS AND REPORT ANY DEVIATIONS TO AQMD.

THE OPERATOR SHALL KEEP THE RECORDS IN ACCORDANCE WITH THE RECORDKEEPING REQUIREMENTS IN SECTION K OF THIS PERMIT AND THE FOLLOWING RECORDS:

- A. STACK OR EMISSION POINT IDENTIFICATION;
- B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
- D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.
[RULE 3004 (a)(4)]

13. THE OPERATOR SHALL CONDUCT SOURCE TEST(S) IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:

- A. THE TEST SHALL BE CONDUCTED AT LEAST ONCE EVERY FIVE YEARS.
- B. THE TEST SHALL CONSIST OF, BUT MAY NOT BE LIMITED TO, A TEST OF THE INLET AND EXHAUST OF THE FURNACE FOR:
 - (1) OXIDES OF NITROGEN (NO_x) IN PPMV AND LBS/HR (FURNACE EXHAUST ONLY)
 - (2) CARBON MONOXIDE (CO) IN PPMV AND LBS/HR (FURNACE EXHAUST ONLY)
 - (3) OXYGEN CONTENT
 - (4) MOISTURE CONTENT
 - (5) FLOW RATE
 - (6) TEMPERATURE

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- C. THE SOURCE TEST SHALL BE CONDUCTED DURING NORMAL OPERATION OF THE FURNACE.
- D. THE TEST SHALL BE CONDUCTED TO DETERMINE NOX AND CO EMISSIONS USING AN APPROVED DISTRICT METHOD TO DEMONSTRATE COMPLIANCE WITH ALL APPLICABLE PERMIT CONDITION(S), RULES AND REGULATIONS
- E. THE OPERATOR SHALL COMPLY WITH ADMINISTRATIVE CONDITIONS NOS. 8, 9, AND 10 OF SECTION E OF THIS FACILITY PERMIT.
- F. THE OPERATOR SHALL SUBMIT TWO COMPLETE COPIES OF THE SOURCE TEST REPORT SPECIFIED IN CONDITION NO. 9 OF SECTION E OF THIS FACILITY PERMIT TO THE DISTRICT ENGINEERING AND COMPLIANCE DIVISION. THE ENGINEERING COPY OF THE REPORT SHALL BE SENT TO: SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, COATING, PRINTING, PLATING, MILITARY AND ENTERTAINMENT AND AEROSPACE OPERATIONS, ATTN: AIR QUALITY AND COMPLIANCE SUPERVISOR, 21865 COPLEY DRIVE, DIAMOND BAR, CA 91765. THE COMPLIANCE COPY OF THE REPORT SHALL BE SENT TO: SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, P.O. BOX 4941, DIAMOND BAR, CA 91765
[RULE 3004(a)(4)]

Emissions And Requirements:

- 14. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
 - VOC: RULE 109
 - VOC: RULE 1107, SEE APPENDIX B FOR EMISSION LIMITS
 - VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
 - CO: 2000 PPMV, RULE 407
 - PM: 0.1 GR/SCF, RULE 409
 - PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS
 - NOx: RULE 1147

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PERMIT TO CONSTRUCT

**A/N 516745
Granted as of
March 15, 2011**

Equipment Description:

GALVANIZING LINE NO. 6 CONSISTING OF:

1. STRIP ACCUMULATOR AND CLEANING TANK.
2. FORMING MILL.
3. SEAM WELDER, 400 KW.
4. SQUARING STAND.
5. PICKLING TANK, 4'-0" W. X 8'-0" L. X 3'-0" D., UNHEATED.
6. INDUCTION COIL STATION.
7. CONDUIT PREHEATER, ELECTRICALLY HEATED.
8. FURNACE, ZINC GALVANIZING, AJAX MAGNETHERMIC, MODEL NO. EHG2, 120 KW ELECTRICALLY HEATED WITH A DROSSING AREA.
9. COOLING TANK.
10. SIZING MILL.
11. CHROMATE COATER.
12. LACQUER COATER.
13. CONDUIT CUT OFF.
14. END BRUSHING MACHINE.

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]

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3. THE PICKLING TANK, INDUCTION COIL STATION, FURNACE AND DROSS AREA SHALL NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1)-BACT]
4. THE TOTAL AMOUNT OF VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS FROM THE USE OF MATERIALS APPLIED IN THE CHROMATE, UV AND LACQUER COATERS PERMITTED UNDER APPLICATION NUMBERS 516743, 516744 AND 516745 SHALL NOT EXCEED 30 POUNDS, AFTER CONTROL, IN ANY ONE DAY.
[RULE 1303(b)(2)-OFFSET]
5. IN ADDITION TO THE RECORDKEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY DAILY VOC EMISSIONS, IN POUNDS, AND THE VOC CONTENT OF EACH MATERIAL, AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS. ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH 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, 1303(b)(2)-OFFSET]
6. THE MATERIALS USED IN THE CHROMATE AND LACQUER COATERS SHALL HAVE A VOC CONTENT OF 5% BY WEIGHT OR LESS.
[RULE 1303(a)(1)-BACT]
7. MATERIALS USED IN THE CHROMATE AND LACQUER COATERS SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE 1, EXCEPT HEXAVALENT CHROMIUM, WITH AN EFFECTIVE DATE OF MAY 2, 2003 OR EARLIER.
[RULE 1401]

Periodic Monitoring:

8. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSIONS FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THERE IS A PUBLIC COMPLAINT OF VISIBLE EMISSIONS, WHENEVER VISIBLE EMISSIONS ARE OBSERVED, AND ON AN ANNUAL BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE ENTIRE ANNUAL PERIOD. THE ROUTINE ANNUAL INSPECTION SHALL BE CONDUCTED WHILE THE EQUIPMENT IS IN OPERATION AND DURING DAYLIGHT HOURS.

IF ANY VISIBLE EMISSIONS (NOT INCLUDING CONDENSED WATER VAPOR) ARE DETECTED THAT LAST MORE THAN THREE MINUTES IN ANY ONE-HOUR, THE OPERATOR SHALL VERIFY AND CERTIFY WITHIN 24 HOURS THAT THE EQUIPMENT CAUSING THE EMISSION AND ANY ASSOCIATED AIR POLLUTION CONTROL EQUIPMENT ARE OPERATING NORMALLY ACCORDING TO THEIR DESIGN AND STANDARD PROCEDURES AND UNDER THE SAME CONDITIONS UNDER WHICH COMPLIANCE WAS ACHIEVED IN THE PAST, AND EITHER:

- A. TAKE CORRECTIVE ACTION(S) THAT ELIMINATES THE VISIBLE EMISSIONS WITHIN 24 HOURS AND REPORT THE VISIBLE EMISSIONS AS A POTENTIAL DEVIATION IN ACCORDANCE WITH THE REPORTING REQUIREMENTS IN SECTION K OF THIS PERMIT; OR

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- B. HAVE A CARB-CERTIFIED SMOKE READER DETERMINE COMPLIANCE WITH THE OPACITY STANDARD, USING EPA METHOD 9 OR THE PROCEDURES IN THE CARB MANUAL "VISIBLE EMISSION EVALUATION", WITHIN THREE BUSINESS DAYS AND REPORT ANY DEVIATIONS TO AQMD.

THE OPERATOR SHALL KEEP THE RECORDS IN ACCORDANCE WITH THE RECORDKEEPING REQUIREMENTS IN SECTION K OF THIS PERMIT AND THE FOLLOWING RECORDS:

- A. STACK OR EMISSION POINT IDENTIFICATION;
- B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
- D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.
[RULE 3004 (a)(4)]

Emissions And Requirements:

9. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULE AND REGULATION:

VOC: RULE 109
VOC: RULE 1107, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE WESTERN TUBE & CONDUIT CORP

PERMIT TO CONSTRUCT

**A/N 519893
Granted as of
March 18, 2011**

Equipment Description:

INTERNAL COMBUSTION ENGINE, WHITE, DIESEL-FUELED, EMERGENCY ELECTRICAL GENERATOR, MODEL NO. 4014048, 6 CYLINDERS, 4 CYCLES, TURBOCHARGED, 180 BHP, WITH 1 EXHAUST.

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 OPERATOR SHALL NOT PURCHASE OR USE DIESEL FUEL WITH A SULFUR CONTENT THAT EXCEEDS 15 PPM BY WEIGHT.
[RULE 1470]
4. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1470]
5. THIS ENGINE SHALL NOT BE OPERATED MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 30 HOURS PER CALENDAR YEAR FOR MAINTENANCE AND TESTING AS REQUIRED IN RULE 1470(c)(3).
[RULE 1470]
6. OPERATION BEYOND THE ALLOTTED TIME FOR ENGINE MAINTENANCE AND TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE UTILITY DISTRIBUTION COMPANY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE. ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.
[RULE 1470]

FACILITY PERMIT TO OPERATE WESTERN TUBE & CONDUIT CORP

7. THIS ENGINE SHALL NOT BE USED AS PART OF AN INTERRUPTIBLE SERVICE CONTRACT IN WHICH A FACILITY RECEIVES A PAYMENT OR REDUCED RATES IN RETURN FOR REDUCING ELECTRIC LOAD ON THE GRID WHEN REQUESTED BY THE UTILITY OR THE GRID OPERATOR. [RULE 1470]
8. THE OPERATOR SHALL KEEP A LOG OF ENGINE OPERATIONS DOCUMENTING THE TOTAL TIME THE ENGINE IS OPERATED EACH CALENDAR MONTH AND THE SPECIFIC REASON FOR OPERATION AS:
 - A. EMERGENCY USE
 - B. MAINTENANCE AND TESTING
 - C. OTHER (BE SPECIFIC)

IN ADDITION, FOR EACH TIME THE ENGINE IS MANUALLY STARTED, THE LOG SHALL INCLUDE THE DATE OF ENGINE OPERATION, THE SPECIFIC REASON FOR OPERATION, AND THE TOTALIZING HOUR METER READING (IN HOURS AND TENTHS OF HOURS) AT THE BEGINNING AND THE END OF THE OPERATION. ON OR BEFORE JANUARY 15TH OF EACH YEAR, THE OPERATOR SHALL RECORD IN THE ENGINE OPERATING LOG:

- A. TOTAL HOURS OF ENGINE OPERATION FOR THE PREVIOUS CALENDAR YEAR.
- B. TOTAL HOURS OF ENGINE OPERATION FOR MAINTENANC AND TESTING FOR THE PREVIOUS CALENDAR YEAR.

ENGINE OPERATION LOG(S) SHALL BE RETAINED ON SITE FOR A MINIMUM OF FIVE CALENDAR YEARS AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. [RULE 1470]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1470

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PERMIT TO CONSTRUCT

A/N 521682
Granted as of

Equipment Description:

INTERNAL COMBUSTION ENGINE, GENERAC, MODEL NO. 6.8GLPNGD-130, NATURAL GAS FUELED, EMERGENCY ELECTRICAL GENERATION, NATURALLY ASPIRATED, TEN CYLINDERS, 189 BHP, WITH A THREE-WAY CATALYTIC CONVERTER AND AN AIR-FUEL RATIO CONTROLLER, DRIVING A 130 KW ELECTRICAL GENERATOR.

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. A NON-RESETTING TIMER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304(a)(4)]
4. THIS EQUIPMENT SHALL NOT BE OPERATED IN EXCESS OF THE FOLLOWING EMISSION LIMITS:

NO_x = 1.5 G/BHP-HR
VOC = 1.5 G/BHP-HR
CO = 2.0 G/BHP-HR
[RULE 1303(a)(1)-BACT]
5. THIS ENGINE SHALL NOT OPERATE MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 50 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING PURPOSES.
[RULE 1304(a)(4)]
6. OPERATION BEYOND THE 50 HOURS PER YEAR ALLOTTED FOR ENGINE MAINTENANCE AND TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT: (A) THE UTILITY DISTRIBUTION COMPANY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME AND (B) THE ENGINE IS LOCATED IN A UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE. ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.
[RULE 1304(a)]

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7. THIS ENGINE SHALL NOT BE OPERATED WITHOUT THE USE OF AN AUTOMATIC AIR-TO-FUEL RATIO CONTROLLER WHICH SHALL BE MAINTAINED AND KEPT IN PROPER OPERATING CONDITIONS AT ALL TIMES AS SPECIFIED BY THE MANUFACTURER.
[RULE 3004(a)(4)]
8. THE CATALYTIC CONVERTER TEMPERATURE AND EXHAUST OXYGEN CONCENTRATION SHALL BE MAINTAINED WITHIN THE EFFECTIVE RANGE OF THE CATALYTIC CONVERTER AS SPECIFIED BY THE MANUFACTURER.
[RULE 3004(a)(4)]
9. AN ENGINE OPERATING LOG SHALL BE KEPT AND MAINTAINED ON FILE TO RECORD WHEN THIS ENGINE IS STARTED MANUALLY. THE LOG SHALL LIST THE DATE OF OPERATION, THE TIMER READING IN HOURS AT THE BEGINNING AND END OF OPERATION AND THE REASON FOR OPERATION. THE LOGS SHALL BE MAINTAINED FOR A MINIMUM OF THREE YEARS FROM THE DATE OF ENTRY AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. THE TOTAL HOURS OF OPERATION (INCLUDING HOURS FOR A MANUAL AND AUTOMATIC OPERATION) SHALL BE RECORDED SOMETIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.
[RULE 1304(a)]

Periodic Monitoring:

10. THE OPERATOR SHALL INSTALL AND MAINTAIN A TEMPERATURE GAUGE TO ACCURATELY INDICATE THE TEMPERATURE AT THE INLET AND OUTLET OF THE CATALYST. THE OPERATOR SHALL ALSO INSTALL AND MAINTAIN A DEVICE TO CONTINUOUSLY RECORD THE PARAMETER BEING MEASURED.
[RULE 3004 (a)(4)]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
NOX: 1.5 G/BHP-HR, RULE 1303(a)(1)-BACT
VOC: 1.5 G/BHP-HR, RULE 1303(a)(1)-BACT
CO: 2.0 G/BHP-HR, RULE 1303(a)(1)-BACT

FACILITY PERMIT TO OPERATE WESTERN TUBE & CONDUIT CORP

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, AND (c) VOC CONTENT AS SUPPLIED IN g/l OF COATING, LESS WATER AND EXEMPT SOLVENT, FOR OTHER COATINGS.

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, AND (c) VOC CONTENT AS APPLIED IN g/l OF COATING, LESS WATER AND EXEMPT SOLVENT, FOR OTHER COATINGS.

[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

FACILITY PERMIT TO OPERATE WESTERN TUBE & CONDUIT CORP

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 REGULATION:

VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE WESTERN TUBE & CONDUIT CORP

RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, BOILER, ≥ 0.4 MMBTU/HR BUT < 2 MMBTU/HR.

Emissions And Requirements:

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

PM: 0.1 gr/scf, RULE 409
NOx: 30 PPMV, RULE 1146.2
CO: 400 PPMV, RULE 1146.2
CO: 2000 PPMV, RULE 407

FACILITY PERMIT TO OPERATE WESTERN TUBE & CONDUIT CORP

RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, AIR CONDITIONING UNITS

Emissions And Requirements:

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

REFRIGERANT:	RULE 1415
REFRIGERANT:	40CFR 82 SUBART F

FACILITY PERMIT TO OPERATE WESTERN TUBE & CONDUIT CORP

RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, COOLING TOWERS

Emissions And Requirements:

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

CR⁺⁶: RULE 1404

FACILITY PERMIT TO OPERATE WESTERN TUBE & CONDUIT CORP

RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, ABRASIVE BLASTING EQUIPMENT, GLOVE-BOX, < 53 FT3, WITH DUST FILTER.

Periodic Monitoring:

1. THE OPERATOR SHALL PERFORM AN ANNUAL 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)]

2. THE OPERATOR SHALL DISCHARGE DUST COLLECTED IN THIS EQUIPMENT ONLY INTO CLOSED CONTAINERS.
[RULE 3004 (a)(4)]

3. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSIONS FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THERE IS A PUBLIC COMPLAINT OF VISIBLE EMISSIONS, WHENEVER VISIBLE EMISSIONS ARE OBSERVED, AND ON AN ANNUAL BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE ENTIRE ANNUAL PERIOD. THE ROUTINE ANNUAL INSPECTION SHALL BE CONDUCTED WHILE THE EQUIPMENT IS IN OPERATION AND DURING DAYLIGHT HOURS. IF ANY VISIBLE EMISSIONS (NOT INCLUDING CONDENSED WATER VAPOR) ARE DETECTED, THE OPERATOR SHALL TAKE CORRECTIVE ACTION(S) THAT ELIMINATES THE VISIBLE EMISSIONS WITHIN 24 HOURS AND REPORT THE VISIBLE EMISSIONS AS A POTENTIAL DEVIATION IN ACCORDANCE WITH THE REPORTING REQUIREMENTS IN SECTION K OF THIS PERMIT.
THE OPERATOR SHALL KEEP THE RECORDS IN ACCORDANCE WITH THE RECORDKEEPING REQUIREMENTS IN SECTION K OF THIS PERMIT AND THE FOLLOWING RECORDS:
 - A. STACK OR EMISSION POINT IDENTIFICATION;
 - B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS; AND
 - C. DATE AND TIME VISIBLE EMISSION WAS ABATED.[RULE 3004 (a)(4)]

FACILITY PERMIT TO OPERATE WESTERN TUBE & CONDUIT CORP

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1140, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE WESTERN TUBE & CONDUIT CORP

RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, CLEANING EQUIPMENT, SMALL UNHEATED, NON-CONVEYORIZED

Emissions And Requirements:

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

VOC: RULE 1122

VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE WESTERN TUBE & CONDUIT CORP

RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, LOW USE OR EMISSIONS

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 1107, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 109

FACILITY PERMIT TO OPERATE WESTERN TUBE & CONDUIT CORP

RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, OPEN TOP-VAPOR DEGREASERS, HEATED, < 1.0 FT2.

Periodic Monitoring:

1. THE OPERATOR SHALL PERFORM A MONTHLY INSPECTION OF THE COVER TO ASSURE COMPLIANCE WITH RULE 1122 (c) (2)(A).
2. THE OPERATOR SHALL DETERMINE COMPLIANCE WITH RULE 1122 (e)(6) REQUIREMENTS BY MEASURING THE TEMPERATURE AT THE CENTER OF THE AIR BLANKET ONCE A MONTH IF THE FREEBOARD REFRIGERATION DEVICE IS USED, OR MEASURING THE TEMPERATURE AT THE CENTER OF THE SUPERHEATED SOLVENT VAPOR ZONE ONCE A MONTH IF SUPERHEATED VAPOR SYSTEM IS USED. IN ADDITION TO THE RECORDKEEPING REQUIREMENTS IN SECTION K OF THIS FACILITY PERMIT, THE OPERATOR SHALL KEEP RECORDS OF THE CORRECTIVE ACTIONS TAKEN WHEN THE MONITORING DEMONSTRATE NON COMPLIANCE.

Emissions And Requirements:

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

VOC: RULE 1122

FACILITY PERMIT TO OPERATE WESTERN TUBE & CONDUIT CORP

RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, FIRE EXTINGUISHING EQUIPMENT

Emissions And Requirements:

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

HALON: RULE 1418