

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

Facility Equipment and Requirements (Section D)

This section consists of a table listing all permitted equipment at the facility, facility wide requirements, all individual Permits to Construct and Permits to Operate issued to various equipment at the facility, and Rule 219-exempt equipment subject to source-specific requirements. Each permit and Rule 219-exempt equipment will list operating conditions including periodic monitoring requirements, and applicable emission limits and requirements that the equipment is subject to. Also included is the rule origin and authority of each emission limit and permit condition.

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

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 |
|---------------------------|---------------------------------|---|
| 289187 | F06007 | TANK, CHROMIC ACID - ANODIZING |
| 289194 | F06011 | DUST COLLECTOR CARTRIDGE TYPE |
| 289195 | F06012 | DUST COLLECTOR CARTRIDGE TYPE |
| 289197 | F06014 | OTHER MINERALS, PELLETIZING |
| 289229 | D80241 | COPPER SIZE CLASSIFICATION |
| 289230 | D80242 | PLASTICS & RESINS BLENDING |
| 289232 | D80244 | SPRAY BOOTH PAINT AND SOLVENT |
| 289234 | D80246 | STORAGE TANK OTHER SOLVENTS N.E.C. |
| 289235 | D80247 | STORAGE TANK OTHER SOLVENTS N.E.C. |
| 289236 | D80248 | STORAGE TANK OTHER SOLVENTS N.E.C. |
| 289237 | D80249 | SCRUBBER, OTHER VENTING S.S. |
| 408548 | F56696 | CARBON ADSORBER/WATER SPRAY SYSTEM |
| 408547 | F56695 | RESIN IMPREGNATING SYSTEM NO. 1 W/ OXIDIZER |
| 289242 | D80252 | OTHER MINERALS, PELLETIZING |
| 291085 | F06016 | SCRUBBER, OTHER VENTING S.S. |
| 408549 | F56697 | BAGHOUSE, AMBIENT TEMP (>100-500 SQ FT) |
| 314228 | F00508 | BAGHOUSE, AMBIENT TEMP (>100-500 SQ FT) |
| 322674 | F32924 | ROLLERCOATER |
| 322675 | F32925 | ROLLERCOATER |
| 322676 | F32926 | ROLLERCOATER |
| 322677 | F32920 | ROLLERCOATER |
| 322708 | F32927 | ROLLERCOATER |
| 335603 | F32921 | PLASTICS & RESINS BLENDING |
| 335604 | F32960 | PLASTICS & RESINS BLENDING |
| 335605 | F32922 | ROLLERCOATER |
| 335608 | F19447 | OTHER MINERALS, PELLETIZING |
| 335611 | F32923 | ROLLERCOATER |
| 339468 | F18195 | I C E (50-500 HP) EM ELEC-GEN OTH FUEL |
| 363561 | F44823 | RESIN IMPREGNATING SYSTEM NO. 2 |
| 368340 | F32745 | STORAGE TANK MISC ORGANIC MATERIALS |
| 372602 | F44593 | PARTICULATE CONTROL SYSTEM |
| 408545 | F56693 | POLYMER IMPREGNATING SYSTEM NO. 1 |
| 374778 | F38351 | PLASTICS & RESINS SIZE CLASSIFICATION |
| 374779 | F38352 | PLASTICS & RESINS SIZE CLASSIFICATION |
| 388105 | F41636 | PLASTICS & RESINS SIZE CLASSIFICATION |
| 408546 | F56694 | COATING LINE – PAPER/FABRIC/FILM |

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| Application number | Permit to Operate number | Equipment description |
|--------------------|--------------------------|---|
| 388617 | F41634 | BAGHOUSE, AMBIENT TEMP (>500 SQ FT) |
| 47XXX1 | | PLASTICS & RESINS REACTION |
| 47XXX2 | | PLASTICS & RESINS REACTION |
| 47XXX3 | | PLASTICS & RESINS REACTION |
| 390434 | F45170 | SCRUBBER, OTHER VENTING S. S. |
| 390435 | F45171 | SCRUBBER, OTHER VENTING S. S. |
| 390436 | F45173 | SCRUBBER, OTHER VENTING S. S. |
| 390437 | F45174 | SCRUBBER, OTHER VENTING S. S. |
| 390438 | F44326 | PLASTICS & RESIN BLENDING |
| 390439 | F44327 | PLASTICS & RESIN BLENDING |
| 390440 | F44328 | PLASTICS & RESIN BLENDING |
| 390441 | F44329 | PLASTICS & RESIN BLENDING |
| 390442 | F44330 | PLASTICS & RESIN BLENDING |
| 390443 | F44331 | PLASTICS & RESIN BLENDING |
| 390444 | F44332 | PLASTICS & RESIN BLENDING |
| 390445 | F44333 | PLASTICS & RESIN BLENDING |
| 406728 | F55147 | BAGHOUSE, AMBIENT TEMP (>500 SQ FT) |
| 418141 | F67217 | PLASTICS & RESINS REACTION |
| 471909 | | PLASTICS & RESINS REACTION |
| 471911 | | PLASTICS & RESINS REACTION |
| 418138 | F67215 | SOLVENT CONDENSING SYSTEM |
| 418137 | F67214 | PLASTICS & RESINS, DISTILLATION |
| 418133 | F67212 | OXIDIZER NO. 3 |
| 424973 | F68442 | BAGHOUSE, AMBIENT TEMP (>500 SQ FT) |
| 424974 | F68443 | OTHER MINERALS, PELLETIZING |
| 424981 | F68448 | DUST COLLECTOR CARTRIDGE TYPE |
| 424976 | F68481 | OTHER MINERALS, PELLETIZING |
| 424978 | F68444 | OTHER MINERALS, PELLETIZING |
| 424979 | F68445 | OTHER MINERALS, PELLETIZING |
| 424975 | F72264 | OTHER MINERALS, PELLETIZING |
| 424980 | F72265 | DUST COLLECTOR CARTRIDGE TYPE |
| 424982 | F72266 | PLASTICS & RESINS BLENDING |
| 461426 | F90993 | SPRAY BOOTH PAINT AND SOLVENT |
| 434758 | F72263 | PLASTICS & RESINS SIZE CLASSIFICATION |
| 442209 | F76331 | BURN-OFF FURNACE |
| 449703 | | RESIN IMPREGNATING SYSTEM NO. 1 W/ OXIDIZER |

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 RINGLEMANN 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 QUANTITY OF METHYLENE CHLORIDE EMISSION DISCHARGED TO THE ATMOSPHERE FROM THIS FACILITY SHALL NOT EXCEED 2,920 POUNDS IN ANY ONE CALENDAR YEAR.
[RULE 1401]
3. THE TOTAL QUANTITY OF VOLATILE ORGANIC COMPOUND (VOC) MATERIALS (COATINGS AND SOLVENTS) SUBJECT TO RULE 1124 USED AT THIS FACILITY SHALL NOT EXCEED 3 GALLONS IN ANY ONE DAY.
[RULE 1124]
3. THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS FACILITY TO VERIFY COMPLIANCE WITH CONDITION NO. 2. ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT.
[RULE 109, 1303(b)(2)-OFFSET, 1401]
4. MATERIAL SAFETY DATA SHEETS FOR ALL MATERIALS USED AT THIS FACILITY SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT REPRESENTATIVE UPON REQUEST.
[RULE 109, 1303(b)(2)-OFFSET]

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

Permit No. F6007
A/N 289187

Equipment Description:

ANODIZING TANK, 2'-0" w. x 3'-0" L., CHROMIC ACID WITH A 150 AMPS AND 48 VOLTS:

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 PERCENT CHROMIC ACID IN THE TANK SHALL NOT EXCEED 10 PERCENT.
[RULE 1303(a)(1)-BACT]
4. THE TEMPERATURE OF THE TANK SHALL NOT EXCEED 120 DEGREES FAHRENHEIT.
[RULE 1303(a)(1)-BACT]
5. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS VENTED TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A PERMIT TO OPERATE 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:

CR+6: RULE 1469 # 4, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

**Permit No. F6011
A/N 289194**

Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. BAGHOUSE M2-2, TORIT, WITH EIGHT CARTRIDGE FILTERS, 1808 SQUARE FEET TOTAL FILTER AREA.
2. EXHAUST SYSTEM WITH A 15 HP BLOWER VENTING ONE FITZMILL.

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 A CLOSED CONTAINER.
[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)]

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 CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

**Permit No. F6012
A/N 289195**

Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. BAGHOUSE W1-1, TORIT, WITH EIGHT CARTRIDGE FILTERS, 1808 SQUARE FEET TOTAL FILTER AREA.
2. EXHAUST SYSTEM WITH A 15 HP BLOWER VENTING A BAGGING STATION.

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 A CLOSED CONTAINER.
[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)]

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 CYTEC ENGINEERING MATERIALS INC

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Permit No. F6014
A/N 289197

Equipment Description:

MILLING SYSTEM CONSISTING OF:

1. JET MILL, 170 MM, FEEDER, ACCURATE, MODEL 302 WITH A 1/8 HP MOTOR.
2. PRODUCT COLLECTOR, TORIT, MODEL TD162/TD573, 3 BAGS, PULSE TYPE, 3 HP BLOWER, VENTED TO AIR POLLUTION CONTROL SYSTEM UNDER APPLICATION NO. 289193, PERMIT NO. F6010.

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]

Emissions And Requirements:

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

PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS

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PERMIT TO OPERATE

Permit No. D80241
A/N 289229

Equipment Description:

SIFTER SYSTEM CONSISTING OF:

1. SEPARATOR, SWECO, MODEL NO. LS30S66, WITH ONE 1-1/2 H.P. SHAKING MOTOR.
2. PNEUMATIC CONVEYOR, VAC-U-MAX, WITH ONE INTERNAL FILTER, ONE EXTERNAL FILTER BAG, AND A 1/2 H.P. BLOWER.

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 MORE THAN 2000 POUNDS OF FEED MAY BE PROCESSED IN THIS EQUIPMENT IN ANY ONE DAY.
[RULE 1303(b)(2)-OFFSET]
4. THE AIR FROM PNEUMATIC CONVEYOR SHALL PASS THROUGH FILTERS BEFORE EXHAUSTING TO THE ATMOSPHERE.
[RULE 1303(a)(1)-BACT]
5. RECORDS SHALL BE MAINTAINED TO PROVE COMPLIANCE WITH CONDITION NUMBER 3 IN A FORMAT APPROVED IN WRITING BY THE ASSISTANT DEPUTY EXECUTIVE OFFICER OF ENGINEERING AND COMPLIANCE OF THE DISTRICT. THE RECORDS SHALL BE KEPT FOR AT LEAST 5 YEARS, AND MADE AVAILABLE TO THE DISTRICT PERSONNEL UPON REQUEST.
[RULE 1303(b)(2)-OFFSET]

Emissions And Requirements:

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

PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

Permit No. D80242
A/N 289230

Equipment Description:

MIXER, MYERS, 60-GALLON CAPACITY, JACKETED, 10-H.P. AND 20-H.P. AGITATORS.

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. EXCEPT DURING CLEANING WITH METHYLENE CHLORIDE BASED SOLVENT, 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 A PERMIT TO OPERATE BY THE EXECUTIVE OFFICER.
[RULE 1303(b)(2)-OFFSET, 1303(a)(1)-BACT]

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

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Permit No. D80244
A/N 289232

Equipment Description:

SPRAY BOOTH, DEVILBISS, MODEL 44567; 4'-8" W. X 7'-0" L. X 7'-0" H., WITH SIX 25" X 20" EXHAUST FILTERS AND ONE 2 H.P. 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 SPRAY BOOTH SHALL NOT BE OPERATED UNLESS ALL EXHAUST AIR PASSES THROUGH FILTER MEDIA AT LEAST 2 INCHES THICK.
[RULE 1303(a)(1)-BACT]
4. A GAUGE SHALL BE INSTALLED 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. THE TOTAL QUANTITY OF COATINGS AND SOLVENTS USED IN THIS EQUIPMENT SHALL NOT EXCEED 2 GALLONS IN ANY ONE DAY.
[RULE 1303(b)(2)-OFFSET]

Periodic Monitoring:

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

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- 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:

- 8. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
 - VOC: RULE 1107, SEE APPENDIX B FOR EMISSION LIMITS
 - VOC: RULE 1145, SEE APPENDIX B FOR EMISSION LIMITS
 - VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
 - VOC: RULE 109
 - PM: RULE 481
 - PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

Permit No. D80246
A/N 289234

Equipment Description:

STORAGE TANK, METHYL ETHYL KETONE, 6'-9" D. X 17'-0" H, 4,000 GALLON CAPACITY WITH A PRESSURE RELIEF VALVE, VAPOR RETURN LINE AND SUBMERGED FILL.

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 TANK SHALL NOT BE FILLED UNLESS VENT GASES ARE RETURNED TO THE LOADING VESSEL BY VAPOR RETURN LINE.
[RULE 1303(a)(1)-BACT]

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

Permit No. D80247
A/N 289235

Equipment Description:

STORAGE TANK, ACETONE/MEK, 6'-9" D. X 17'-0" H, 4,000 GALLON CAPACITY WITH A PRESSURE RELIEF VALVE, VAPOR RETURN LINE AND SUBMERGED FILL.

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 TANK SHALL NOT BE FILLED UNLESS VENT GASES ARE RETURNED TO THE LOADING VESSEL BY VAPOR RETURN LINE.
[RULE 1303(a)(1)-BACT]

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

Permit No. D80248
A/N 289236

Equipment Description:

STORAGE TANK, ACETONE/MEK, 6'-9" D. X 17'-0" H, 4,000 GALLON CAPACITY WITH A PRESSURE RELIEF VALVE, VAPOR RETURN LINE AND SUBMERGED FILL.

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 TANK SHALL NOT BE FILLED UNLESS VENT GASES ARE RETURNED TO THE LOADING VESSEL BY VAPOR RETURN LINE.
[RULE 1303(a)(1)-BACT]

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

Permit No. D80249
A/N 289237

Equipment Description:

ACTIVATED CHARCOAL DRUM, WESTATES, VENT-SCRUB, MODEL VSC110, 41" H. X 30" DIA., USING WESTATES ACTIVATED CARBON CC-601.

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 CHANGE OVER THE CARBON IN THE ADSORBER WHENEVER BREAKTHROUGH OCCURS. FOR THE PURPOSE OF THIS CONDITION, BREAKTHROUGH SHALL BE DEFINED AS ONE YEAR OF OPERATION. THE OPERATOR SHALL KEEP RECORDS IN A FORMAT APPROVED BY THE DISTRICT TO DEMONSTRATE COMPLIANCE WITH THIS REQUIREMENT.
[RULE 3004 (a)(4)]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

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**Permit No. F56696
A/N 408548**

Equipment Description:

AIR POLLUTION CONTROL SYSTEM, CONSISTING OF:

1. WATER SCRUBBER, 3'-0" W. X 2'-0" L. X 3'-0" H., WITH AT LEAST FOUR SPRAY NOZZLES AND ONE 1/2 H.P. WATER PUMP.
2. ACTIVATED CHARCOAL DRUM, WESTATES, VENT-SCRUB, MODEL VSC110, 41" H. X 30" DIA., USING WESTATES ACTIVATED CHARCOAL.

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. WATER SPRAY CHAMBER SHALL BE EMPTIED AND CLEANED OUT AT LEAST ONCE PER WEEK, WHEN THE EQUIPMENT IT SERVES IS IN OPERATION.
[RULE 1303(a)(1)-BACT]

Periodic Monitoring:

4. THE OPERATOR SHALL INSTALL AND MAINTAIN A FLOW METER TO ACCURATELY INDICATE THE FLOW RATE OF THE SCRUBBING SOLUTION. THE OPERATOR SHALL DETERMINE AND RECORD THE PARAMETER BEING MONITORED ONCE EVERY OPERATING DAY.
[RULE 3004 (a)(4)]
5. THE OPERATOR SHALL CHANGE OVER THE CARBON IN THE ADSORBER WHENEVER BREAKTHROUGH OCCURS. FOR THE PURPOSE OF THIS CONDITION, BREAKTHROUGH SHALL BE DEFINED AS ONE YEAR OF OPERATION. THE OPERATOR SHALL KEEP RECORDS IN A FORMAT APPROVED BY THE DISTRICT TO DEMONSTRATE COMPLIANCE WITH THIS REQUIREMENT.
[RULE 3004 (a)(4)]

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

Permit No. F56695
A/N 408547

Equipment Description:

VERTICAL RESIN IMPREGNATING SYSTEM, CONSISTING OF:

1. UNWIND STAND, 7'-5" W. X 3'-5" L. X 8'-0" H., WITH ONE 3/4 H.P. MOTOR.
2. INFEEED ACCUMULATOR, 7'-0" W. X 5'-5" L. X 11'-6" H., WITH ONE 1 H.P. FILL MOTOR.
3. PULL ROLL STAND WITH 1 H.P. DRIVE.
4. TWO 55 GALLON-MIXING TANKS, EACH WITH ONE AIR-DRIVEN MIXER AND PUMP.
5. SATURATOR (DIP) TANK #1, 1'-8" W. X 6'-2" L. X 7'-1" H., WITH ONE 1/2 H.P. PULL ROLL, ONE 7 H.P. METERING ROLL AND ONE 1 H.P. TANK ELEVATOR.
6. TWO VERTICAL DRYERS, WOLVERINE, 5'-7" W. X 7'-1" L. X 21'-1" H., EACH WITH TWO 7.5-H.P. RECIRCULATING AIR FANS AND ONE 1-H.P. SKY ROLL, AND TWO 10-H.P. AIR SUPPLY FANS COMMON TO BOTH DRYERS.
7. PULL ROLL STAND WITH ONE 1 H.P. MOTOR.
8. SATURATOR (SIP) TANK #2, 1'-8" W. X 6'-2" L. X 1'-0" H.
9. WEB GUIDE SUPPORT WITH ONE 1/2 H.P. MOTOR.
10. OUTFEED PULL ROLL AND CUTTER, WITH ONE 2 H.P. MOTOR.
11. TWO SEPARATING MATERIAL UNWIND CARTS, 1'-0" W. X 8'-6" L. X 2'-0" H.
12. REWIND STAND, 11'-4" W. X 5'-8" L. X 4'-11" H., WITH TWO 3 H.P. MOTORS, ONE 1 H.P. MOTOR AND ONE 2 H.P. MOTOR.
13. AFTERBURNER, C.E. AIRPREHEATER, 3'-10" W. X 41'-3" L. X 5'-0 H., WITH A MAXON COMBUSTIFUME NO. 4 GAS BURNER, 4,400,000 BTU PER HOUR, ONE PROCESS AIR COR-PAK PREHEATER, ONE EXHAUST GAS/DRYER SUPPLY AIR COR-PAK HEAT EXCHANGER, AND ONE CAIN INDUSTRY EXHAUST RECOVERY HEAT EXCHANGER.
14. ONE EXHAUST BLOWER, 40 H.P. VENTING THE TWO VERTICAL DRYERS.

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

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 TOTAL QUANTITY OF VOLATILE ORGANIC COMPOUNDS (VOC) DISCHARGED TO THE ATMOSPHERE FROM THIS EQUIPMENT SHALL NOT EXCEED 576 POUNDS IN ANY ONE DAY.
[RULE 1303(b)(2)-OFFSET]
4. A TEMPERATURE OF NOT LESS THAN 1,400 DEGREES FAHRENHEIT SHALL BE MAINTAINED IN THE AFTERBURNER COMBUSTION CHAMBER WHEN THE EQUIPMENT IT SERVES IS IN OPERATION.
[RULE 1303(a)(1)-BACT]
5. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS THE OVENS ARE VENTED TO THE AFTERBURNER WHICH IS IN FULL USE.
[RULE 1303(a)(1)-BACT]
6. THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO VERIFY DAILY USAGE AND DAILY VOLATILE ORGANIC COMPOUNDS (VOC) EMISSIONS IN A FORMAT APPROVED BY THE DISTRICT. SUCH RECORDS SHALL BE RETAINED FOR A PERIOD OF FIVE YEARS AND BE MADE AVAILABLE UPON REQUEST OF A DISTRICT REPRESENTATIVE.
[RULE 109, 1303(b)(2)-OFFSET]

Periodic Monitoring:

7. THE OPERATOR SHALL INSTALL AND MAINTAIN A TEMPERATURE READING DEVICE TO ACCURATELY INDICATE THE TEMPERATURE OF THE AFTERBURNER. THE OPERATOR SHALL ALSO INSTALL AND MAINTAIN A DEVICE TO CONTINUOUSLY RECORD THE PARAMETER BEING MEASURED.
[RULE 3004 (a)(4)]
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 YEARLY 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 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:

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

- 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)]
9. THE OPERATOR SHALL CONDUCT SOURCE TEST(S) IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:
- A. THE TEST SHALL BE CONDUCTED AT LEAST ONCE DURING THE LIFE OF THE PERMIT.
 - B. THE TEST SHALL BE CONDUCTED TO DETERMINE THE VOC EMISSIONS USING EPA METHOD 25 OR 25A MEASURED OVER A 60 MINUTE AVERAGING TIME PERIOD.
 - C. THE TEST SHALL BE CONDUCTED TO DEMONSTRATE COMPLIANCE WITH RULE 1128.
[RULE 3004 (a)(4)]

Emissions And Requirements:

10. THIS EQUIPMENT IS SUBJECT TO ALL APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- VOC: RULE 1128, SEE APPENDIX B FOR EMISSION LIMITS
 - VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
 - VOC: RULE 109
 - PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

Permit No. D80252
A/N 289242

Equipment Description:

DE-LUMPER, FITZMILL, 15 H.P.

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]

Emissions And Requirements:

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

PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

**Permit No. F6016
A/N 291085**

Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. SCRUBBER, 4'-0" DIA. X 7'-2" H., WITH A ½ HP RECIRCULATION PUMP.
2. EXHAUST SYSTEM WITH A 10 HP BLOWER VENTING FIVE SURFACE PREPARATION/ANODIZING 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 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 FLOW METER INDICATING GPM SHALL BE INSTALLED IN THE WATER LINE TO THE SPRAY NOZZLES.
[RULE 1303(a)(1)-BACT]
4. NOT LESS THAN 10 GPM OF WATER SHALL BE SUPPLIED TO THE SCRUBBER WHEN THE EQUIPMENT IT SERVES IS IN OPERATION.
[RULE 1303(a)(1)-BACT]

Periodic Monitoring:

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

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

**Permit No. F56697
A/N 408549**

Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. BAGHOUSE RD1-1, DONALDSON, MODEL DF-T2-8, WITH EIGHT FILTERS, 2000 SQUARE FEET OF TOTAL FILTER AREA.
2. EXHAUST SYSTEM WITH ONE 15-HP. BLOWER VENTING TWO BELT/DISK SANDERS, ONE DISC SANDER, TWO DRILL PRESSES, TWO MILLS, TWO BAND SAWS, ONE TABLE SAW AND TWO SAND BLASTERS.

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 A CLOSED CONTAINER.
[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;

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

- B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS; AND
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED.
[RULE 3004 (a)(4)]

Emissions And Requirements:

- 3. 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 CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

**Permit No. F00508
A/N 314228**

Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. BAGHOUSE RD1-2, TORIT DONALDSON, MODEL MC 2000, WITH 16 BAGS AND 200 SQUARE FEET OF FILTER AREA.
2. EXHAUST SYSTEM WITH A 5 H.P. BLOWER VENTING ONE ROUTER, THREE DIAMOND SAWS AND THREE GRINDERS.

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 A CLOSED CONTAINER.
[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;

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

- B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS; AND
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED.
[RULE 3004 (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

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

Permit No. F32924
A/N 322674

Equipment Description:

COATER, RESIN MIXTURES, KROSS ROLLER TYPE, CUSTOM, 68" WIDTH, WITH TWO 36-K.W. HEATED COATING ROLLERS, ONE 36-K.W. HEATED BACKING ROLLER, AND ONE 36-K.W. HEATED FEEDBOX.

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 VOLATILE ORGANIC COMPOUND (VOC) DISCHARGED TO THE ATMOSPHERE SHALL NOT EXCEED 350 POUNDS IN ANY ONE CALENDAR MONTH FROM EQUIPMENT UNDER APPLICATIONS NOS. 322674, 322675, 322676, 322677, 322708, 335603, 335604, 335605, AND 335611.
[RULE 1303(b)(2)-OFFSET]
4. THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS FACILITY TO VERIFY CALENDAR MONTHLY VOC EMISSIONS IN POUNDS AND VOC CONTENT OF EACH RESIN AS APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS). RECORDS SHALL ALSO BE KEPT TO VERIFY COMPLIANCE WITH FACILITY CONDITION NO. 3. ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT.
[RULE 109, 1303(b)(2)-OFFSET, 1401]
5. WITHIN 14 CALENDAR DAYS AFTER THE END OF EACH MONTH, THE OPERATOR SHALL TOTAL AND RECORD VOC EMISSIONS FOR THE MONTH FROM ALL EQUIPMENT COVERED BY THE MONTHLY LIMIT. THE RECORDS 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.
[RULE 109, 1303(b)(2)-OFFSET]
6. THE OPERATOR SHALL RETAIN ALL PURCHASE INVOICES FOR ALL VOC-CONTAINING MATERIAL USED OR STORED AT THE FACILITY, AND ALL WASTE VOC-CONTAINING MATERIAL REMOVED FROM THE FACILITY, FOR FIVE YEARS.
[RULE 109, 1303(b)(2)-OFFSET]

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

7. THE RECORDS REQUIRED BY THIS PERMIT SHALL BE RETAINED AT THE FACILITY FOR FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[RULE 109, 1303(b)(2)-OFFSET]

8. OTHER THAN METHYLENE CHLORIDE, 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 A DATE OF LISTING OF DECEMBER 7, 1990 OR EARLIER.
[RULE 1401]

Emissions And Requirements:

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

VOC: RULE 1128, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 109

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

Permit No. F32925
A/N 322675

Equipment Description:

COATER NO. 9, RESIN MIXTURES, ROLLER AND PLATE TYPE, CUSTOM, 72" WIDTH, WITH SIX 36-K.W. HEATED ROLLERS AND TWO 36-K.W. HEATED PLATES.

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 VOLATILE ORGANIC COMPOUND (VOC) DISCHARGED TO THE ATMOSPHERE SHALL NOT EXCEED 350 POUNDS IN ANY ONE CALENDAR MONTH FROM EQUIPMENT UNDER APPLICATIONS NOS. 322674, 322675, 322676, 322677, 322708, 335603, 335604, 335605, AND 335611.
[RULE 1303(b)(2)-OFFSET]
4. THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS FACILITY TO VERIFY CALENDAR MONTHLY VOC EMISSIONS IN POUNDS AND VOC CONTENT OF EACH RESIN AS APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS). RECORDS SHALL ALSO BE KEPT TO VERIFY COMPLIANCE WITH FACILITY CONDITION NO. 3. ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT.
[RULE 109, 1303(b)(2)-OFFSET, 1401]
5. WITHIN 14 CALENDAR DAYS AFTER THE END OF EACH MONTH, THE OPERATOR SHALL TOTAL AND RECORD VOC EMISSIONS FOR THE MONTH FROM ALL EQUIPMENT COVERED BY THE MONTHLY LIMIT. THE RECORDS 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.
[RULE 109, 1303(b)(2)-OFFSET]
6. THE OPERATOR SHALL RETAIN ALL PURCHASE INVOICES FOR ALL VOC-CONTAINING MATERIAL USED OR STORED AT THE FACILITY, AND ALL WASTE VOC-CONTAINING MATERIAL REMOVED FROM THE FACILITY, FOR FIVE YEARS.
[RULE 109, 1303(b)(2)-OFFSET]

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

7. THE RECORDS REQUIRED BY THIS PERMIT SHALL BE RETAINED AT THE FACILITY FOR FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[RULE 109, 1303(b)(2)-OFFSET]

8. OTHER THAN METHYLENE CHLORIDE, 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 A DATE OF LISTING OF DECEMBER 7, 1990 OR EARLIER.
[RULE 1401]

Emissions And Requirements:

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

VOC: RULE 1128, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 109

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

Permit No. F32926
A/N 322676

Equipment Description:

COATER NO. 2, RESIN MIXTURES, ROLLER AND PLATE TYPE, CUSTOM, 12" WIDTH, WITH TWO 36-K.W. HEATED ROLLERS AND ONE 36-K.W. HEATED PLATE.

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 VOLATILE ORGANIC COMPOUND (VOC) DISCHARGED TO THE ATMOSPHERE SHALL NOT EXCEED 350 POUNDS IN ANY ONE CALENDAR MONTH FROM EQUIPMENT UNDER APPLICATIONS NOS. 322674, 322675, 322676, 322677, 322708, 335603, 335604, 335605, AND 335611.
[RULE 1303(b)(2)-OFFSET]
4. THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS FACILITY TO VERIFY CALENDAR MONTHLY VOC EMISSIONS IN POUNDS AND VOC CONTENT OF EACH RESIN AS APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS). RECORDS SHALL ALSO BE KEPT TO VERIFY COMPLIANCE WITH FACILITY CONDITION NO. 3. ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT.
[RULE 109, 1303(b)(2)-OFFSET, 1401]
5. WITHIN 14 CALENDAR DAYS AFTER THE END OF EACH MONTH, THE OPERATOR SHALL TOTAL AND RECORD VOC EMISSIONS FOR THE MONTH FROM ALL EQUIPMENT COVERED BY THE MONTHLY LIMIT. THE RECORDS 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.
[RULE 109, 1303(b)(2)-OFFSET]
6. THE OPERATOR SHALL RETAIN ALL PURCHASE INVOICES FOR ALL VOC-CONTAINING MATERIAL USED OR STORED AT THE FACILITY, AND ALL WASTE VOC-CONTAINING MATERIAL REMOVED FROM THE FACILITY, FOR FIVE YEARS.
[RULE 109, 1303(b)(2)-OFFSET]

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

7. THE RECORDS REQUIRED BY THIS PERMIT SHALL BE RETAINED AT THE FACILITY FOR FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[RULE 109, 1303(b)(2)-OFFSET]

8. OTHER THAN METHYLENE CHLORIDE, 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 A DATE OF LISTING OF DECEMBER 7, 1990 OR EARLIER.
[RULE 1401]

Emissions And Requirements:

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

VOC: RULE 1128, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 109

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

Permit No. F32920
A/N 322677

Equipment Description:

COATER, RESIN MIXTURES, TWIN BLADE TYPE, CUSTOM, 60" WIDTH, WITH ONE 36-K.W. HOT-OIL HEATER AND ONE 3-H.P. HOT-OIL PUMP.

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 VOLATILE ORGANIC COMPOUND (VOC) DISCHARGED TO THE ATMOSPHERE SHALL NOT EXCEED 350 POUNDS IN ANY ONE CALENDAR MONTH FROM EQUIPMENT UNDER APPLICATIONS NOS. 322674, 322675, 322676, 322677, 322708, 335603, 335604, 335605, AND 335611.
[RULE 1303(b)(2)-OFFSET]
4. THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS FACILITY TO VERIFY CALENDAR MONTHLY VOC EMISSIONS IN POUNDS AND VOC CONTENT OF EACH RESIN AS APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS). RECORDS SHALL ALSO BE KEPT TO VERIFY COMPLIANCE WITH FACILITY CONDITION NO. 2. ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT.
[RULE 109, 1303(b)(2)-OFFSET, 1401]
5. WITHIN 14 CALENDAR DAYS AFTER THE END OF EACH MONTH, THE OPERATOR SHALL TOTAL AND RECORD VOC EMISSIONS FOR THE MONTH FROM ALL EQUIPMENT COVERED BY THE MONTHLY LIMIT. THE RECORDS 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.
[RULE 109, 1303(b)(2)-OFFSET]
6. THE OPERATOR SHALL RETAIN ALL PURCHASE INVOICES FOR ALL VOC-CONTAINING MATERIAL USED OR STORED AT THE FACILITY, AND ALL WASTE VOC-CONTAINING MATERIAL REMOVED FROM THE FACILITY, FOR FIVE YEARS.
[RULE 109, 1303(b)(2)-OFFSET]

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

7. THE RECORDS REQUIRED BY THIS PERMIT SHALL BE RETAINED AT THE FACILITY FOR FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[RULE 109, 1303(b)(2)-OFFSET]

8. OTHER THAN METHYLENE CHLORIDE, 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 A DATE OF LISTING OF DECEMBER 7, 1990 OR EARLIER.
[RULE 1401]

Emissions And Requirements:

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

VOC: RULE 1128, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 109

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

Permit No. F32927
A/N 322708

Equipment Description:

COATER, RESIN MIXTURES, LAMINATOR TYPE, CUSTOM, 52" WIDTH, WITH ONE 36-K.W. HOT-OIL HEATER AND ONE 3-H.P. HOT-OIL PUMP.

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 VOLATILE ORGANIC COMPOUND (VOC) DISCHARGED TO THE ATMOSPHERE SHALL NOT EXCEED 350 POUNDS IN ANY ONE CALENDAR MONTH FROM EQUIPMENT UNDER APPLICATIONS NOS. 322674, 322675, 322676, 322677, 322708, 335603, 335604, 335605, AND 335611.
[RULE 1303(b)(2)-OFFSET]
4. THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS FACILITY TO VERIFY CALENDAR MONTHLY VOC EMISSIONS IN POUNDS AND VOC CONTENT OF EACH RESIN AS APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS). RECORDS SHALL ALSO BE KEPT TO VERIFY COMPLIANCE WITH FACILITY CONDITION NO. 3. ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT.
[RULE 109, 1303(b)(2)-OFFSET, 1401]
5. WITHIN 14 CALENDAR DAYS AFTER THE END OF EACH MONTH, THE OPERATOR SHALL TOTAL AND RECORD VOC EMISSIONS FOR THE MONTH FROM ALL EQUIPMENT COVERED BY THE MONTHLY LIMIT. THE RECORDS 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.
[RULE 109, 1303(b)(2)-OFFSET]
6. THE OPERATOR SHALL RETAIN ALL PURCHASE INVOICES FOR ALL VOC-CONTAINING MATERIAL USED OR STORED AT THE FACILITY, AND ALL WASTE VOC-CONTAINING MATERIAL REMOVED FROM THE FACILITY, FOR FIVE YEARS.
[RULE 109, 1303(b)(2)-OFFSET]

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

7. THE RECORDS REQUIRED BY THIS PERMIT SHALL BE RETAINED AT THE FACILITY FOR FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[RULE 109, 1303(b)(2)-OFFSET]

8. OTHER THAN METHYLENE CHLORIDE, 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 A DATE OF LISTING OF DECEMBER 7, 1990 OR EARLIER.
[RULE 1401]

Emissions And Requirements:

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

VOC: RULE 1128, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 109

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

Permit No. F32921
A/N 335603

Equipment Description:

BLENDING SYSTEM, RESIN MIXTURES, CONSISTING OF:

1. ONE MIXER, MYERS, CUSTOM, 10-GALLON CAPACITY
2. ONE 12-K.W. THERMAL OIL UNIT WITH ONE 2-H.P. PUMP
3. ONE CHILLED WATER CONDENSER LOOP

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 VOLATILE ORGANIC COMPOUND (VOC) DISCHARGED TO THE ATMOSPHERE SHALL NOT EXCEED 350 POUNDS IN ANY ONE CALENDAR MONTH FROM EQUIPMENT UNDER APPLICATIONS NOS. 322674, 322675, 322676, 322677, 322708, 335603, 335604, 335605, AND 335611.
[RULE 1303(b)(2)-OFFSET]
4. THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS FACILITY TO VERIFY CALENDAR MONTHLY VOC EMISSIONS IN POUNDS AND VOC CONTENT OF EACH RESIN AS APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS). RECORDS SHALL ALSO BE KEPT TO VERIFY COMPLIANCE WITH FACILITY CONDITION NO. 2. ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT.
[RULE 109, 1303(b)(2)-OFFSET, 1401]
5. WITHIN 14 CALENDAR DAYS AFTER THE END OF EACH MONTH, THE OPERATOR SHALL TOTAL AND RECORD VOC EMISSIONS FOR THE MONTH FROM ALL EQUIPMENT COVERED BY THE MONTHLY LIMIT. THE RECORDS 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.
[RULE 109, 1303(b)(2)-OFFSET]

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

6. THE OPERATOR SHALL RETAIN ALL PURCHASE INVOICES FOR ALL VOC-CONTAINING MATERIAL USED OR STORED AT THE FACILITY, AND ALL WASTE VOC-CONTAINING MATERIAL REMOVED FROM THE FACILITY, FOR FIVE YEARS.
[RULE 109, 1303(b)(2)-OFFSET]
7. THE RECORDS REQUIRED BY THIS PERMIT SHALL BE RETAINED AT THE FACILITY FOR FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[RULE 109, 1303(b)(2)-OFFSET]
8. OTHER THAN METHYLENE CHLORIDE, 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 A DATE OF LISTING OF DECEMBER 7, 1990 OR EARLIER.
[RULE 1401]

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

**Permit No. F32960
A/N 335604**

Equipment Description:

BLENDING SYSTEM, CONSISTING OF:

1. SIX HOBART MIXERS, MODEL D3000, 5-GALLON CAPACITY, AND
2. ONE SIX-STATION ELECTRICALLY HEATED HOT-WATER BATH.

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 VOLATILE ORGANIC COMPOUND (VOC) DISCHARGED TO THE ATMOSPHERE SHALL NOT EXCEED 350 POUNDS IN ANY ONE CALENDAR MONTH FROM EQUIPMENT UNDER APPLICATIONS NOS. 322674, 322675, 322676, 322677, 322708, 335603, 335604, 335605, AND 335611.
[RULE 1303(b)(2)-OFFSET]
4. THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS FACILITY TO VERIFY CALENDAR MONTHLY VOC EMISSIONS IN POUNDS AND VOC CONTENT OF EACH RESIN AS APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS). RECORDS SHALL ALSO BE KEPT TO VERIFY COMPLIANCE WITH FACILITY CONDITION NO. 3. ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT.
[RULE 109, 1303(b)(2)-OFFSET, 1401]
5. WITHIN 14 CALENDAR DAYS AFTER THE END OF EACH MONTH, THE OPERATOR SHALL TOTAL AND RECORD VOC EMISSIONS FOR THE MONTH FROM ALL EQUIPMENT COVERED BY THE MONTHLY LIMIT. THE RECORDS 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.
[RULE 109, 1303(b)(2)-OFFSET]

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

6. THE OPERATOR SHALL RETAIN ALL PURCHASE INVOICES FOR ALL VOC-CONTAINING MATERIAL USED OR STORED AT THE FACILITY, AND ALL WASTE VOC-CONTAINING MATERIAL REMOVED FROM THE FACILITY, FOR FIVE YEARS.
[RULE 109, 1303(b)(2)-OFFSET]
7. THE RECORDS REQUIRED BY THIS PERMIT SHALL BE RETAINED AT THE FACILITY FOR FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[RULE 109, 1303(b)(2)-OFFSET]
8. OTHER THAN METHYLENE CHLORIDE, 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 A DATE OF LISTING OF DECEMBER 7, 1990 OR EARLIER.
[RULE 1401]

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

Permit No. F32922
A/N 335605

Equipment Description:

COATER, RESIN MIXTURES, ROLLER AND PLATE TYPE, CUSTOM, 15" WIDTH, WITH THREE HEATED ROLLERS, TWO 12-K.W. THERMAL OIL UNITS, AND ONE 2-K.W. HEATED PLATE.

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 VOLATILE ORGANIC COMPOUND (VOC) DISCHARGED TO THE ATMOSPHERE SHALL NOT EXCEED 350 POUNDS IN ANY ONE CALENDAR MONTH FROM EQUIPMENT UNDER APPLICATIONS NOS. 322674, 322675, 322676, 322677, 322708, 335603, 335604, 335605, AND 335611.
[RULE 1303(b)(2)-OFFSET]
4. THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS FACILITY TO VERIFY CALENDAR MONTHLY VOC EMISSIONS IN POUNDS AND VOC CONTENT OF EACH RESIN AS APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS). RECORDS SHALL ALSO BE KEPT TO VERIFY COMPLIANCE WITH FACILITY CONDITION NO. 3. ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT.
[RULE 109, 1303(b)(2)-OFFSET, 1401]
5. WITHIN 14 CALENDAR DAYS AFTER THE END OF EACH MONTH, THE OPERATOR SHALL TOTAL AND RECORD VOC EMISSIONS FOR THE MONTH FROM ALL EQUIPMENT COVERED BY THE MONTHLY LIMIT. THE RECORDS 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.
[RULE 109, 1303(b)(2)-OFFSET]
6. THE OPERATOR SHALL RETAIN ALL PURCHASE INVOICES FOR ALL VOC-CONTAINING MATERIAL USED OR STORED AT THE FACILITY, AND ALL WASTE VOC-CONTAINING MATERIAL REMOVED FROM THE FACILITY, FOR FIVE YEARS.
[RULE 109, 1303(b)(2)-OFFSET]

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

7. THE RECORDS REQUIRED BY THIS PERMIT SHALL BE RETAINED AT THE FACILITY FOR FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[RULE 109, 1303(b)(2)-OFFSET]

8. OTHER THAN METHYLENE CHLORIDE, 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 A DATE OF LISTING OF DECEMBER 7, 1990 OR EARLIER.
[RULE 1401]

Emissions And Requirements:

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

VOC: RULE 1128, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 109

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

Permit No. F19447
A/N 335608

Equipment Description:

GRINDING SYSTEM, JET MILL GRINDER, RESIN MATERIALS, CONSISTING OF:

1. ONE INLET HOPPER, CUSTOM, 1'-2" DIA.
2. ONE MILLING CHAMBER, CUSTOM, 0'-5" H. X 1'-11" DIA.
3. ONE CYCLONE SEPARATOR, CUSTOM.
4. ONE FILTER BAG, DRUM MOUNTED, 2'-0" DIA.

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. OTHER THAN BENZENE, MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY COMPOUNDS IDENTIFIED AS CARCINOGENIC AIR CONTAMINANTS IN RULE 1401 AS AMENDED DECEMBER 7, 1990.
[RULE 1401]

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

Permit No. F32923
A/N 335611

Equipment Description:

COATER NO. 6, RESIN MIXTURES, ROLLER AND PLATE TYPE, CUSTOM, WITH ONE HEATED PLATE, TWO HEATED/COOLED PLATES, TWO HEATED ROLLERS, AND TWO 12-K.W. OIL-HEATING UNITS.

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 VOLATILE ORGANIC COMPOUND (VOC) DISCHARGED TO THE ATMOSPHERE SHALL NOT EXCEED 350 POUNDS IN ANY ONE CALENDAR MONTH FROM EQUIPMENT UNDER APPLICATIONS NOS. 322674, 322675, 322676, 322677, 322708, 335603, 335604, 335605, AND 335611.
[RULE 1303(b)(2)-OFFSET]
4. THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS FACILITY TO VERIFY CALENDAR MONTHLY VOC EMISSIONS IN POUNDS AND VOC CONTENT OF EACH RESIN AS APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS). RECORDS SHALL ALSO BE KEPT TO VERIFY COMPLIANCE WITH FACILITY CONDITION NO. 3. ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT.
[RULE 109, 1303(b)(2)-OFFSET, 1401]
5. WITHIN 14 CALENDAR DAYS AFTER THE END OF EACH MONTH, THE OPERATOR SHALL TOTAL AND RECORD VOC EMISSIONS FOR THE MONTH FROM ALL EQUIPMENT COVERED BY THE MONTHLY LIMIT. THE RECORDS 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.
[RULE 109, 1303(b)(2)-OFFSET]
6. THE OPERATOR SHALL RETAIN ALL PURCHASE INVOICES FOR ALL VOC-CONTAINING MATERIAL USED OR STORED AT THE FACILITY, AND ALL WASTE VOC-CONTAINING MATERIAL REMOVED FROM THE FACILITY, FOR FIVE YEARS.
[RULE 109, 1303(b)(2)-OFFSET]

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

7. THE RECORDS REQUIRED BY THIS PERMIT SHALL BE RETAINED AT THE FACILITY FOR FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[RULE 109, 1303(b)(2)-OFFSET]

8. OTHER THAN METHYLENE CHLORIDE, 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 A DATE OF LISTING OF DECEMBER 7, 1990 OR EARLIER.
[RULE 1401]

Emissions And Requirements:

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

VOC: RULE 1128, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 109

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

**Permit No. F18195
A/N 339468**

Equipment Description:

INTERNAL COMBUSTION ENGINE, GENERIC, PROPANE FIRED, EMERGENCY ELECTRICAL GENERATION, MODEL NO. G10018391, NATURALLY ASPIRATED, FOUR CYCLES, 116 BRAKE HORSEPOWER.

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 PROPANE ONLY.
[RULE 1303(b)(2)-OFFSET]
4. THIS EQUIPMENT SHALL BE OPERATED WITH AN ELAPSED TIME METER THAT SHALL BE MAINTAINED IN GOOD OPERATING CONDITION.
[RULE 1303(a)(1)-BACT]
5. THIS EQUIPMENT SHALL NOT OPERATE MORE THAN 200 HOURS IN ANY ONE CALENDAR YEAR.
[RULE 1303(a)(1)-BACT]
6. THE OPERATOR SHALL MAINTAIN AN OPERATING LOG TO DEMONSTRATE COMPLIANCE WITH CONDITION 5. THE OPERATING LOG SHALL INDICATE THE ELAPSED TIME METER READINGS ON A MONTHLY BASIS.
[RULE 1303(a)(1)-BACT]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

Permit No. F44823
A/N 363561

Equipment Description:

IMPREGNATING EQUIPMENT NO. 2, CONTINUOUS WEB, CONSISTING OF:

1. TWO 26-GALLON MAXIMUM CAPACITY RESIN DIP TANKS INSIDE A PERMANENT TOTAL ENCLOSURE
2. OVEN, C.A. LITZLER, 11'-6" W. X 18'-0" L. X 28'-6" H., THREE ZONES, TWO 2.7-MM BTU/HR MAXON EBVRM CYCLOMAX LOW-NO_x BURNERS (ZONE 1 & 2), ONE 1.6-MM BTU/HR MAXON EBMRV CYCLOMAX LOW-NO_x BURNER (ZONE 3), WITH THREE COMBUSTION BLOWERS (6 H.P. TOTAL MAXIMUM) AND RECIRCULATION FANS (20 TOTAL H.P. MAXIMUM)

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 VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS DISCHARGED TO THE ATMOSPHERE AFTER CONTROL BY THIS EQUIPMENT SHALL NOT EXCEED 283 POUNDS IN ANY ONE DAY. AN OVERALL CONTROL EFFICIENCY OF 95% SHALL BE USED TO DETERMINE COMPLIANCE WITH THIS CONDITION.
[RULE 1303(b)(2)-OFFSET]
4. THIS OVEN SHALL NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A PERMIT TO CONSTRUCT BY THE EXECUTIVE OFFICER.
[RULE 1303(b)(2)-OFFSET]

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

5. THE EMISSIONS DISCHARGED TO THE ATMOSPHERE FROM THE USE OF ALL MATERIALS IN THIS EQUIPMENT SHALL NOT RESULT IN A MAXIMUM INDIVIDUAL CANCER RISK (MICR) GREATER THAN ONE IN ONE MILLION (1/1,000,000) AT ANY RECEPTOR LOCATION. THE OPERATOR SHALL FOLLOW AQMD RISK ASSESSMENT PROCEDURES (TIER II SCREEN RISK ASSESSMENT) TO DETERMINE THE MICR FROM COMPOUNDS IDENTIFIED IN RULE 1401, TABLE I, WITH A DATE OF LISTING OF AUGUST 31, 1999 OR EARLIER. IN ADDITION, THE OPERATOR SHALL KEEP ADEQUATE RECORDS IN A FORMAT ACCEPTABLE TO THE DISTRICT TO DEMONSTRATE THE COMPLIANCE WITH THIS CONDITION.
[RULE 1401]
6. THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO VERIFY DAILY USAGE AND VOC EMISSIONS AS PER THE REQUIREMENTS OF RULE 109.
[RULE 109, 1303(b)(2)-OFFSET]
7. ALL RECORDS REQUIRED BY THIS PERMIT SHALL BE RETAINED AT THE FACILITY FOR FIVE YEARS AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[RULE 109, 1303(b)(2)-OFFSET]

Emissions And Requirements:

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

VOC: RULE 1128, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 109
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 409, 0.1 GR/SCF
CO: RULE 407, 2,000 PPMV

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

**Permit No. F32745
A/N 368340**

Equipment Description:

STORAGE TANK, 6'-9" D. X 17'-0" H., 4,000 GALLON CAPACITY, WITH A PRESSURE RELIEF VALVE, VAPOR RETURN LINE AND SUBMERGED FILL.

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 TANK CAN ONLY STORE ACETONE, ETHYL ALCOHOL, ISOPROPYL ALCOHOL, METHYL ALCOHOL, AND METHYL ISOBUTYL KETONE.
[RULE 1303(b)(2)-OFFSET]
4. THIS TANK SHALL NOT BE FILLED UNLESS VENT GASES ARE RETURNED TO THE LOADING VESSEL BY VAPOR RETURN LINE.
[RULE 1303(a)(1)-BACT]
5. MATERIALS PROCESSED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY COMPOUNDS IDENTIFIED IN RULE 1401, TABLE 1 WITH AN EFFECTIVE DATE OF AUGUST 13, 1999 OR EARLIER, WITH THE EXCEPTION OF THE SOLVENTS LISTED IN CONDITION 3.
[RULE 1401]

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

Permit No. F44593
A/N 372602

Equipment Description:

PARTICULATE CONTROL SYSTEM, CONSISTING OF:

1. BAGHOUSE, PULSEJET, DONALDSON FILTRATION SOLUTIONS, TORIT DOWNFLO, MODEL DFT 3-24, WITH TWENTY-FOUR CARTRIDGE FILTERS, AND ONE (30-HP MAXIMUM) BLOWER.
2. HEPA FILTER UNIT, 4' W. X 4' H. X 11'-5" D., CONSISTING OF FOUR 24" X 24" HEPA FILTERS.
3. DUST COLLECTION SYSTEM, CONSISTING OF AIR DUCTS AND ONE HOOD, VENTING OVENS NOS. 1 AND 2, AND A DIP TANK, UNDER APPLICATION NO. 362603.

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. A MECHANICAL GAUGE SHALL BE INSTALLED SO AS TO INDICATE IN INCHES WATER COLUMN, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE BAGS.
[RULE 1303(a)(1)-BACT]
4. DUST COLLECTED IN THE BAGHOUSE SHALL BE DISCHARGED ONLY INTO CLOSED CONTAINERS.
[RULE 1303(a)(1)-BACT]

Periodic Monitoring:

5. 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

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

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 EITHER:

- A. 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;
- B. 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
- C. 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:

6. 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 CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

**Permit No. F56693
A/N 408545**

Equipment Description:

POLYMER IMPREGNATING SYSTEM, APC PROCESS LINE NO. 1, CONTINUOUS WEB, CUSTOM MADE, CONSISTING OF:

1. ONE 3-GALLON MAXIMUM CAPACITY DIP TANK, ELECTRICALLY HEATED, 40 K.W. MAXIMUM.
2. TWO OVENS, CUSTOM MADE, 2'-0" W. X 2'-0" L. X 1'-0" H., ELECTRICALLY HEATED, 20 K.W. MAXIMUM EACH.
3. PULL ROLL STAND, WITH ONE 3-HP DRIVE.

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 VOLATILE ORGANIC COMPOUNDS.
[RULE 1303(b)(2)-OFFSET]
4. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE 1 WITH A DATE OF LISTING OF MARCH 17, 2000.
[RULE 1401]
5. THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO VERIFY COMPLIANCE WITH CONDITIONS 3 AND 4. THESE RECORDS SHALL BE RETAINED ON FILE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 109, 1303(b)(2)-OFFSET]

Emissions And Requirements:

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

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

VOC: RULE 1128, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 109
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

Permit No. F38351
A/N 374778

Equipment Description:

MILL ROOM SIFTING SYSTEM CONSISTING OF:

1. SEPARATOR, SWECO, MODEL NO. LS30S66 WITH ONE 2 H.P. SHAKING MOTOR.
2. PNEUMATIC CONVEYOR, VACU-MAX, WITH ONE INTERNAL FILTER, ONE EXTERNAL FILTER BAG AND 1 H.P. 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. NOT MORE THAN 72,000 POUNDS OF FEED MAY BE PROCESSED IN THIS EQUIPMENT IN ANY ONE CALENDAR MONTH.
[RULE 1303(b)(2)-OFFSET]
4. THE AIR FROM THE PNEUMATIC CONVEYOR SHALL PASS THROUGH FILTERS BEFORE EXHAUSTING TO THE ATMOSPHERE.
[RULE 1303(a)(1)-BACT]
5. MATERIALS COLLECTED FROM THE SIFTER SHALL BE DISCHARGED ONLY INTO A CLOSED CONTAINER.
[RULE 1303(a)(1)-BACT]
6. MATERIALS PROCESSED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE 1 WITH AN EFFECTIVE DATE OF AUGUST 18, 2000 OR EARLIER.
[RULE 1401]
7. THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO VERIFY MONTHLY THROUGHPUT OF FEED AND COMPLIANCE WITH THE CONDITIONS SPECIFIED ON THIS PERMIT. THESE RECORDS SHALL BE RETAINED ON SITE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1303(b)(2)-OFFSET]

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

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 EITHER:
- A. 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;
 - B. 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
 - C. 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 RULES AND REGULATIONS:

PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

Permit No. F38352
A/N 374779

Equipment Description:

TWINBLADE SIFTING SYSTEM, MODEL NO. S189555 WITH ONE 1/4 H.P. SHAKING MOTOR AND ONE 1/4 H.P. DRIVE ASSEMBLY 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. NOT MORE THAN 72,000 POUNDS OF FEED MAY BE PROCESSED IN THIS EQUIPMENT IN ANY ONE CALENDAR MONTH.
[RULE 1303(b)(2)-OFFSET]
4. THE AIR FROM THE PNEUMATIC CONVEYOR SHALL PASS THROUGH FILTERS BEFORE EXHAUSTING TO THE ATMOSPHERE.
[RULE 1303(a)(1)-BACT]
5. MATERIALS COLLECTED FROM THE SIFTER SHALL BE DISCHARGED ONLY INTO A CLOSED CONTAINER.
[RULE 1303(a)(1)-BACT]
6. MATERIALS PROCESSED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE 1 WITH AN EFFECTIVE DATE OF AUGUST 18, 2000 OR EARLIER.
[RULE 1401]
7. THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO VERIFY MONTHLY THROUGHPUT OF FEED AND COMPLIANCE WITH THE CONDITIONS SPECIFIED ON THIS PERMIT. THESE RECORDS SHALL BE RETAINED ON SITE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1303(b)(2)-OFFSET]

Periodic Monitoring:

8. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSIONS FROM ALL STACKS

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

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 EITHER:

- A. 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;
- B. 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
- C. 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 RULES AND REGULATIONS:

PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

**Permit No. F41636
A/N 388105**

Equipment Description:

APC MIXER, KEK-GARDNER, 106 GALLON CAPACITY WITH A TOTAL 10 H.P. AGITATOR AND A VAC-U-MAX TRANSFER SYSTEM FOR LOADING AND UNLOADING WITH A FILTER SOCK.

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 POWDERS CHARGED TO THIS EQUIPMENT SHALL NOT EXCEED 150,000 POUNDS IN ANY ONE CALENDAR MONTH.
[RULE 1303(b)(2)-OFFSET]
4. MATERIALS PROCESSED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY VOLATILE ORGANIC COMPOUNDS.
[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 MARCH 17, 2000 OR EARLIER.
[RULE 1401]
6. RECORDS SHALL BE MAINTAINED TO VERIFY COMPLIANCE WITH CONDITIONS SPECIFIED IN THIS PERMIT. THESE RECORDS SHALL BE RETAINED ON SITE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1303(b)(2)-OFFSET]

Periodic Monitoring:

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

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

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 EITHER:
- A. 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;
 - B. 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
 - C. 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 RULES AND REGULATIONS:

PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

Permit No. F56694
A/N 408546

Equipment Description:

POLYMER IMPREGNATING SYSTEM, APC PROCESS LINE NO. 2, CONTINUOUS WEB, CUSTOM MADE, CONSISTING OF:

1. ONE 3-GALLON MAXIMUM CAPACITY DIP TANK, ELECTRICALLY HEATED, 40 K.W. MAXIMUM.
2. TWO OVENS, CUSTOM MADE, 2'-0" W. X 2'-0" L. X 1'-0" H., ELECTRICALLY HEATED, 20 K.W. MAXIMUM EACH.
3. PULL ROLL STAND, WITH ONE 3-HP DRIVE.

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 A PERMIT TO CONSTRUCT OR A PERMIT TO OPERATE BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1)-BACT]
4. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY VOLATILE ORGANIC COMPOUNDS.
[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 MARCH 17, 2000 OR EARLIER.
[RULE 1401]
6. THE TOTAL QUANTITY OF DIPHENYLSULPHONE (DPS) USED IN THIS EQUIPMENT SHALL NOT EXCEED 18,000 POUNDS IN ANY ONE CALENDAR MONTH.
[RULE 1303(b)(2)-OFFSET]

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

7. THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO VERIFY COMPLIANCE WITH CONDITIONS OF THIS PERMIT. THESE RECORDS SHALL BE RETAINED ON SITE FOR AT LEAST TWO YEARS AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1303(b)(2)-OFFSET]

Emissions And Requirements:

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

VOC: RULE 1128, SEE APPENDIX B FOR EMISSION LIMITS

VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS

VOC: RULE 109

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

**Permit No. F41634
A/N 388617**

Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. BAGHOUSE, DONALDSON FILTRATION SOLUTION, TORRIT DOWNFLO, MODEL NO. DFT 3-24, REVERSE PULSE JET TYPE, 6' – 8" W. X 7' – 1" D. X 12' – 3" H., TWENTY-FOUR 1' – 2" DIA. X 2' – 2" L. CARTRIDGES WITH 6096 SQ. FT. FILTER AREA.
2. HEPA FILTER UNIT, 4' – 0" W. X 1' – 11" D. X 4' – 0" H. WITH FOUR 24" X 24" SUPER-PACK ULTRA FILTERS
3. EXHAUST SYSTEM WITH 30 H. P. TOTAL (MAXIMUM) EXHAUST BLOWERS VENTING TWO OVENS AND A DIP-TANK OF APC FABRIC IMPREGNATION PROCESS LINE US #2.

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 A CLOSED CONTAINER.
[RULE 1303(a)(1)-BACT]
4. A MAGNEHELIC GAUGE SHALL BE INSTALLED AND MAINTAINED SO AS TO INDICATE IN INCHES WATER COLUMN, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE BAGS.
[RULE 1303(a)(1)-BACT]

Periodic Monitoring:

5. 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

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

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

Emissions And Requirements:

7. 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 CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

Permit No.
A/N 47XXX1

Equipment Description:

MIXER/REACTOR STATION NO. 3, CONSISTING OF:

1. MIXER/REACTOR TANK, MOREHOUSE-COWLES, JACKETED, 415-GALLON CAPACITY, WITH A DUAL-SHAFT AGITATOR, 80 TOTAL MAXIMUM H.P.
2. EXOTHERM QUENCH FLUID TANK, 275-GALLON CAPACITY.
3. PORTABLE FILTER VENT, 31 TOTAL MINIMUM SQ. FT. FILTER AREA.
4. REACTOR RUPTURE DISC, 15 PSIG, AND 0'-6" DIA. X 15'-0" H. VENT STACK

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. EXCEPT DURING THE ADDITION OF POWDERS AND UNLOADING, 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 A PERMIT TO OPERATE BY THE EXECUTIVE OFFICER.
[RULE 1303(b)(2)-OFFSET, 1303(a)(1)-BACT]
4. THERE CANNOT BE MORE THAN 325 GALLONS OF MATERIAL IN THE MIXER WHEN THE BATCH TEMPERATURE EXCEEDS 200 FAHRENHEIT DEGREES.
[RULE 1303(b)(2)-OFFSET, 1303(a)(1)-BACT]
5. THE EXOTHERM QUENCH FLUID TANK SHALL CONTAIN AT LEAST 65 GALLONS OF EXOTHERM QUENCH FLUID.
[RULE 1303(b)(2)-OFFSET, 1303(a)(1)-BACT]
6. THE TEMPERATURE ALARM AND ACTIVATION SYSTEM FOR ADDITION OF EXOTHERM QUENCH FLUID SHALL NOT BE SET ABOVE 390 FAHRENHEIT DEGREES. THE SYSTEM SHALL BE CHECKED AT LEAST ONCE PER MONTH AND RECORDS OF SUCH CHECKS SHALL BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST.
[RULE 1303(b)(2)-OFFSET, 1303(a)(1)-BACT]

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

7. THE TEMPERATURE RECORDINGS FOR ALL CURING BATCHES SHALL BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST.
[RULE 1303(b)(2)-OFFSET]
8. THIS EQUIPMENT SHALL NOT BE OEPRATED UNLESS A QUALIFIED OPERATOR IS IN ATTENDANCE AT ALL TIMES.
[RULE 204]
9. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS THE EXOTHERM QUENCH SYSTEM IS OPERATIONAL.
[RULE 1303(a)(1)-BACT]
10. THE TOTAL RATE OF SOLVENT ADDITION TO THIS MIXER SHALL NOT EXCEED THREE GALLONS PER MINUTE.
[RULE 1303(b)(2)-OFFSET]
11. THE COMBINED VOC EMISSIONS FROM ALL MOOREHOUSE MIXERS, UNDER APPLICATION NOS. 471909, 471911, 47XXX1, 47XXX2, & 47XXX3 SHALL BE LESS THAN THE FOLLOWING:

(A) 29 POUNDS IN ANY ONE DAY AND 7,350 POUNDS PER CALENDAR YEAR DURING ALL QUENCH BATCHES, AND

(B) 7 POUNDS IN ANY ONE DAY AND 1,750 POUNDS PER CALENDAR YEAR DURING ALL SOLVENT SOLUTION BATCHES.
[RULE 1303(b)(2)-OFFSET]
12. THE TOTAL POWDER ADDED TO ALL MIXERS (UNDER APPLICATIONS NOS. 471909, 471911, 47XXX1, 47XXX2, & 47XXX3) SHALL NOT EXCEED 700 POUNDS IN ANY ONE DAY.
[RULE 1303(b)(2)-OFFSET, 1303(a)(1)-BACT]
13. DAILY RECORDS OF SOLVENT USAGE AND ADDED POWDER SHALL BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST AND SHALL SHOW A PERIOD OF AT LEAST FIVE YEARS.
[RULE 1303(b)(2)-OFFSET]

Periodic Monitoring:

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

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

- A. 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;
- B. 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
- C. 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:

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

PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

Permit No.
A/N 47XXX2

Equipment Description:

MIXER/REACTOR STATION NO. 2, CONSISTING OF:

1. MIXER/REACTOR TANK, MOREHOUSE-COWLES, JACKETED, 415-GALLON CAPACITY, WITH A DUAL-SHAFT AGITATOR, 80 TOTAL MAXIMUM H.P.
2. EXOTHERM QUENCH FLUID TANK, 275-GALLON CAPACITY.
3. PORTABLE FILTER VENT, 31 TOTAL MINIMUM SQ. FT. FILTER AREA.
4. REACTOR RUPTURE DISC, 15 PSIG, AND 0'-6" DIA. X 15'-0" H. VENT STACK

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. EXCEPT DURING THE ADDITION OF POWDERS AND UNLOADING, 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 A PERMIT TO OPERATE BY THE EXECUTIVE OFFICER.
[RULE 1303(b)(2)-OFFSET, 1303(a)(1)-BACT]
4. THERE CANNOT BE MORE THAN 325 GALLONS OF MATERIAL IN THE MIXER WHEN THE BATCH TEMPERATURE EXCEEDS 200 FAHRENHEIT DEGREES.
[RULE 1303(b)(2)-OFFSET, 1303(a)(1)-BACT]
5. THE EXOTHERM QUENCH FLUID TANK SHALL CONTAIN AT LEAST 65 GALLONS OF EXOTHERM QUENCH FLUID.
[RULE 1303(b)(2)-OFFSET, 1303(a)(1)-BACT]
6. THE TEMPERATURE ALARM AND ACTIVATION SYSTEM FOR ADDITION OF EXOTHERM QUENCH FLUID SHALL NOT BE SET ABOVE 390 FAHRENHEIT DEGREES. THE SYSTEM SHALL BE CHECKED AT LEAST ONCE PER MONTH AND RECORDS OF SUCH CHECKS SHALL BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST.
[RULE 1303(b)(2)-OFFSET, 1303(a)(1)-BACT]

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

7. THE TEMPERATURE RECORDINGS FOR ALL CURING BATCHES SHALL BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST.
[RULE 1303(b)(2)-OFFSET]
8. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS A QUALIFIED OPERATOR IS IN ATTENDANCE AT ALL TIMES.
[RULE 204]
9. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS THE EXOTHERM QUENCH SYSTEM IS OPERATIONAL.
[RULE 1303(a)(1)-BACT]
10. THE TOTAL RATE OF SOLVENT ADDITION TO THIS MIXER SHALL NOT EXCEED THREE GALLONS PER MINUTE.
[RULE 1303(b)(2)-OFFSET]
11. THE COMBINED VOC EMISSIONS FROM ALL MOOREHOUSE MIXERS, UNDER APPLICATION NOS. 471909, 471911, 47XXX1, 47XXX2, & 47XXX3 SHALL BE LESS THAN THE FOLLOWING:

(A) 29 POUNDS IN ANY ONE DAY AND 7,350 POUNDS PER CALENDAR YEAR DURING ALL QUENCH BATCHES, AND

(B) 7 POUNDS IN ANY ONE DAY AND 1,750 POUNDS PER CALENDAR YEAR DURING ALL SOLVENT SOLUTION BATCHES.
[RULE 1303(b)(2)-OFFSET]
12. THE TOTAL POWDER ADDED TO ALL MIXERS (UNDER APPLICATIONS NOS. 471909, 471911, 47XXX1, 47XXX2, & 47XXX3) SHALL NOT EXCEED 700 POUNDS IN ANY ONE DAY.
[RULE 1303(b)(2)-OFFSET, 1303(a)(1)-BACT]
13. DAILY RECORDS OF SOLVENT USAGE AND ADDED POWDER SHALL BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST AND SHALL SHOW A PERIOD OF AT LEAST FIVE YEARS.
[RULE 1303(b)(2)-OFFSET]

Periodic Monitoring:

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

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

- A. 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;
- B. 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
- C. 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:

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

PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

Permit No.
A/N 47XXX3

Equipment Description:

MIXER/REACTOR STATION NO. 1, CONSISTING OF:

1. MIXER/REACTOR TANK, MOREHOUSE-COWLES, JACKETED, 415-GALLON CAPACITY, WITH A DUAL-SHAFT AGITATOR, 80 TOTAL MAXIMUM H.P.
2. EXOTHERM QUENCH FLUID TANK, 275-GALLON CAPACITY.
3. PORTABLE FILTER VENT, 31 TOTAL MINIMUM SQ. FT. FILTER AREA.
4. REACTOR RUPTURE DISC, 15 PSIG, AND 0'-6" DIA. X 15'-0" H. VENT STACK

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. EXCEPT DURING THE ADDITION OF POWDERS AND UNLOADING, 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 A PERMIT TO OPERATE BY THE EXECUTIVE OFFICER.
[RULE 1303(b)(2)-OFFSET, 1303(a)(1)-BACT]
4. THERE CANNOT BE MORE THAN 325 GALLONS OF MATERIAL IN THE MIXER WHEN THE BATCH TEMPERATURE EXCEEDS 200 FAHRENHEIT DEGREES.
[RULE 1303(b)(2)-OFFSET, 1303(a)(1)-BACT]
5. THE EXOTHERM QUENCH FLUID TANK SHALL CONTAIN AT LEAST 65 GALLONS OF EXOTHERM QUENCH FLUID.
[RULE 1303(b)(2)-OFFSET, 1303(a)(1)-BACT]
6. THE TEMPERATURE ALARM AND ACTIVATION SYSTEM FOR ADDITION OF EXOTHERM QUENCH FLUID SHALL NOT BE SET ABOVE 390 FAHRENHEIT DEGREES. THE SYSTEM SHALL BE CHECKED AT LEAST ONCE PER MONTH AND RECORDS OF SUCH CHECKS SHALL BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST.
[RULE 1303(b)(2)-OFFSET, 1303(a)(1)-BACT]

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

7. THE TEMPERATURE RECORDINGS FOR ALL CURING BATCHES SHALL BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST.
[RULE 1303(b)(2)-OFFSET]
8. THIS EQUIPMENT SHALL NOT BE OEPRATED UNLESS A QUALIFIED OPERATOR IS IN ATTENDANCE AT ALL TIMES.
[RULE 204]
9. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS THE EXOTHERM QUENCH SYSTEM IS OPERATIONAL.
[RULE 1303(a)(1)-BACT]
10. THE TOTAL RATE OF SOLVENT ADDITION TO THIS MIXER SHALL NOT EXCEED THREE GALLONS PER MINUTE.
[RULE 1303(b)(2)-OFFSET]
11. THE COMBINED VOC EMISSIONS FROM ALL MOOREHOUSE MIXERS, UNDER APPLICATION NOS. 471909, 471911, 47XXX1, 47XXX2, & 47XXX3 SHALL BE LESS THAN THE FOLLOWING:

(A) 29 POUNDS IN ANY ONE DAY AND 7,350 POUNDS PER CALENDAR YEAR DURING ALL QUENCH BATCHES, AND

(B) 7 POUNDS IN ANY ONE DAY AND 1,750 POUNDS PER CALENDAR YEAR DURING ALL SOLVENT SOLUTION BATCHES.
[RULE 1303(b)(2)-OFFSET]
12. THE TOTAL POWDER ADDED TO ALL MIXERS (UNDER APPLICATIONS NOS. 471909, 471911, 47XXX1, 47XXX2, & 47XXX3) SHALL NOT EXCEED 700 POUNDS IN ANY ONE DAY.
[RULE 1303(b)(2)-OFFSET, 1303(a)(1)-BACT]
13. DAILY RECORDS OF SOLVENT USAGE AND ADDED POWDER SHALL BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST AND SHALL SHOW A PERIOD OF AT LEAST FIVE YEARS.
[RULE 1303(b)(2)-OFFSET]

Periodic Monitoring:

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

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

- A. 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;
- B. 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
- C. 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:

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

PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

**Permit No. F45170
A/N 390434**

Equipment Description:

AIR POLLUTION CONTROL SYSTEM, CONSISTING OF:

1. SCRUBBER MA1-1, CUSTOM, 4'-0" W. X 2'-0" L. X 2'-4" H., AND RECIRCULATION PUMP(S) WITH COMBINED RATING OF 1/2 H.P.
2. EXHAUST SYSTEM, CONSISTING OF DUCTINGS AND BLOWER(S) WITH COMBINED RATING OF NOT MORE THAN ¾ H.P., VENTING ONE BURN-OFF 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. A FLOWMETER, INDICATING GALLONS-PER-MINUTE, SHALL BE INSTALLED IN THE RECIRCULATING SOLUTION LINE.
[RULE 1303(a)(1)-BACT]
4. NOT LESS THAN SIX GALLONS PER MINUTE OF SCRUBBING SOLUTION SHALL BE SUPPLIED TO THE RECIRCULATING LINE IN THE SCRUBBER WHEN THE EQUIPMENT IT SERVES IS IN OPERATION.
[RULE 1303(a)(1)-BACT]

Periodic Monitoring:

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

Emissions And Requirements:

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

**FACILITY PERMIT TO OPERATE
CYTEC ENGINEERING MATERIALS INC**

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

Permit No. F45171
A/N 390435

Equipment Description:

AIR POLLUTION CONTROL SYSTEM, CONSISTING OF:

1. SCRUBBER M1-3, CUSTOM, 4'-0" W. X 3'-0" L. X 3'-0" H., AND RECIRCULATION PUMP(S) WITH COMBINED RATING OF 1/2 H.P.
2. EXHAUST SYSTEM VENTING TWO EXOTHERM CONTROL BOOTHS.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. A FLOWMETER, INDICATING GALLONS-PER-MINUTE, SHALL BE INSTALLED IN THE RECIRCULATING SOLUTION LINE.
[RULE 1303(a)(1)-BACT]
4. NOT LESS THAN SIX GALLONS PER MINUTE OF SCRUBBING SOLUTION SHALL BE SUPPLIED TO THE RECIRCULATING LINE IN THE SCRUBBER WHEN THE EQUIPMENT IT SERVES IS IN OPERATION.
[RULE 1303(a)(1)-BACT]

Periodic Monitoring:

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

Emissions And Requirements:

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

**FACILITY PERMIT TO OPERATE
CYTEC ENGINEERING MATERIALS INC**

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

**Permit No. F45173
A/N 390436**

Equipment Description:

AIR POLLUTION CONTROL SYSTEM, CONSISTING OF:

1. SCRUBBER M1-1, CUSTOM, 4'-0" W. X 3.5'-0" L. X 3'-0" H., AND RECIRCULATION PUMP(S) WITH COMBINED RATING OF 1/2 H.P.
2. EXHAUST SYSTEM, CONSISTING OF DUCTINGS AND BLOWER(S) WITH COMBINED RATING OF NOT MORE THAN 1 H.P., VENTING TWO OVENS.

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. A FLOWMETER, INDICATING GALLONS PER MINUTE, SHALL BE MAINTAINED IN THE RECIRCULATING SOLUTION LINE.
[RULE 1303(a)(1)-BACT]
4. NOT LESS THAN SIX GALLONS PER MINUTE OF SCRUBBING SOLUTION SHALL BE SUPPLIED TO THE RECIRCULATING LINE IN THE SCRUBBER WHEN THE EQUIPMENT IT SERVES IS IN OPERATION.
[RULE 1303(a)(1)-BACT]

Periodic Monitoring:

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

Emissions And Requirements:

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

**FACILITY PERMIT TO OPERATE
CYTEC ENGINEERING MATERIALS INC**

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

**Permit No. F45174
A/N 390437**

Equipment Description:

AIR POLLUTION CONTROL SYSTEM, CONSISTING OF:

1. SCRUBBER M1-2, CUSTOM, 5'-0" W. X 5'-0" L. X 5'-0" H., WITH RECIRCULATION PUMP(S) WITH COMBINED RATING OF 1 H.P.
2. EXHAUST SYSTEM, CONSISTING OF DUCTINGS AND BLOWER(S) WITH COMBINED RATING OF NOT MORE THAN 1 H.P., VENTING ONE LABORATORY HOOD.

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. A FLOWMETER, INDICATING GALLONS PER MINUTE, SHALL BE MAINTAINED IN THE RECIRCULATING SOLUTION LINE.
[RULE 1303(a)(1)-BACT]
4. NOT LESS THAN SIX GALLONS PER MINUTE OF SCRUBBING SOLUTION SHALL BE SUPPLIED TO THE RECIRCULATING LINE IN THE SCRUBBER WHEN THE EQUIPMENT IT SERVES IS IN OPERATION.
[RULE 1303(a)(1)-BACT]

Periodic Monitoring:

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

Emissions And Requirements:

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

**FACILITY PERMIT TO OPERATE
CYTEC ENGINEERING MATERIALS INC**

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

**Permit No. F44326
A/N 390438**

Equipment Description:

CATALYTIC MIXER NO. 1, MYERS, 5-GALLON CAPACITY, 3 H.P. TOTAL MAXIMUM

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. EXCEPT DURING CLEANING, THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE (AS SPECIFIED IN THAT PERMIT) AND WHICH HAS BEEN ISSUED A PERMIT TO OPERATE BY THE DISTRICT.
[RULE 1303(b)(2)-OFFSET, 1303(a)(1)-BACT]
4. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS A QUALIFIED OPERATOR IS IN ATTENDANCE AT ALL TIMES.
[RULE 204]
5. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS ONE OF THE EXOTHERM CONTROL BOOTHS IS OPERATIONAL.
[RULE 1303(a)(1)-BACT]

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

**Permit No. F44327
A/N 390439**

Equipment Description:

CATALYTIC MIXER NO. 2, MYERS, 5-GALLON CAPACITY, 3 H.P. TOTAL MAXIMUM

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. EXCEPT DURING CLEANING, THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE (AS SPECIFIED IN THAT PERMIT) AND WHICH HAS BEEN ISSUED A PERMIT TO OPERATE BY THE DISTRICT.
[RULE 1303(b)(2)-OFFSET, 1303(a)(1)-BACT]
4. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS A QUALIFIED OPERATOR IS IN ATTENDANCE AT ALL TIMES.
[RULE 204]
5. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS ONE OF THE EXOTHERM CONTROL BOOTHS IS OPERATIONAL.
[RULE 1303(a)(1)-BACT]

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

**Permit No. F44328
A/N 390440**

Equipment Description:

CATALYTIC MIXER NO. 3, MYERS, 5-GALLON CAPACITY, 3 H.P. TOTAL MAXIMUM

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. EXCEPT DURING CLEANING, THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE (AS SPECIFIED IN THAT PERMIT) AND WHICH HAS BEEN ISSUED A PERMIT TO OPERATE BY THE DISTRICT
[RULE 1303(b)(2)-OFFSET, 1303(a)(1)-BACT]
4. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS A QUALIFIED OPERATOR IS IN ATTENDANCE AT ALL TIMES.
[RULE 204]
5. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS ONE OF THE EXOTHERM CONTROL BOOTHS IS OPERATIONAL.
[RULE 1303(a)(1)-BACT]

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

**Permit No. F44329
A/N 390441**

Equipment Description:

CATALYTIC MIXER NO. 4, MYERS, 5-GALLON CAPACITY, 3 H.P. TOTAL MAXIMUM

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. EXCEPT DURING CLEANING, THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE (AS SPECIFIED IN THAT PERMIT) AND WHICH HAS BEEN ISSUED A PERMIT TO OPERATE BY THE DISTRICT.
[RULE 1303(b)(2)-OFFSET, 1303(a)(1)-BACT]
4. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS A QUALIFIED OPERATOR IS IN ATTENDANCE AT ALL TIMES.
[RULE 204]
5. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS ONE OF THE EXOTHERM CONTROL BOOTHS IS OPERATIONAL.
[RULE 1303(a)(1)-BACT]

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

**Permit No. F44330
A/N 390442**

Equipment Description:

CATALYTIC MIXER NO. 5, MYERS, 5-GALLON CAPACITY, 3 H.P. TOTAL MAXIMUM

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. EXCEPT DURING CLEANING, THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE (AS SPECIFIED IN THAT PERMIT) AND WHICH HAS BEEN ISSUED A PERMIT TO OPERATE BY THE DISTRICT.
[RULE 1303(b)(2)-OFFSET, 1303(a)(1)-BACT]
4. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS A QUALIFIED OPERATOR IS IN ATTENDANCE AT ALL TIMES.
[RULE 204]
5. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS ONE OF THE EXOTHERM CONTROL BOOTHS IS OPERATIONAL.
[RULE 1303(a)(1)-BACT]

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

**Permit No. F44331
A/N 390443**

Equipment Description:

CATALYTIC MIXER NO. 7, MYERS, 5-GALLON CAPACITY, 3 H.P. TOTAL MAXIMUM

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. EXCEPT DURING CLEANING, THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE (AS SPECIFIED IN THAT PERMIT) AND WHICH HAS BEEN ISSUED A PERMIT TO OPERATE BY THE DISTRICT.
[RULE 1303(b)(2)-OFFSET, 1303(a)(1)-BACT]
4. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS A QUALIFIED OPERATOR IS IN ATTENDANCE AT ALL TIMES.
[RULE 204]
5. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS ONE OF THE EXOTHERM CONTROL BOOTHS IS OPERATIONAL.
[RULE 1303(a)(1)-BACT]

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

**Permit No. F44332
A/N 390444**

Equipment Description:

CATALYTIC MIXER NO. 6, MYERS, 5-GALLON CAPACITY, 3 H.P. TOTAL MAXIMUM

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. EXCEPT DURING CLEANING, THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE (AS SPECIFIED IN THAT PERMIT) AND WHICH HAS BEEN ISSUED A PERMIT TO OPERATE BY THE DISTRICT.
[RULE 1303(b)(2)-OFFSET, 1303(a)(1)-BACT]
4. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS A QUALIFIED OPERATOR IS IN ATTENDANCE AT ALL TIMES.
[RULE 204]
5. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS ONE OF THE EXOTHERM CONTROL BOOTHS IS OPERATIONAL.
[RULE 1303(a)(1)-BACT]

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

**Permit No. F44333
A/N 390445**

Equipment Description:

CATALYTIC MIXER NO. 8, MYERS, 5-GALLON CAPACITY, 3 H.P. TOTAL MAXIMUM

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. EXCEPT DURING CLEANING, THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE (AS SPECIFIED IN THAT PERMIT) AND WHICH HAS BEEN ISSUED A PERMIT TO OPERATE BY THE DISTRICT.
[RULE 1303(b)(2)-OFFSET, 1303(a)(1)-BACT]
4. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS A QUALIFIED OPERATOR IS IN ATTENDANCE AT ALL TIMES.
[RULE 204]
5. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS ONE OF THE EXOTHERM CONTROL BOOTHS IS OPERATIONAL.
[RULE 1303(a)(1)-BACT]

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

**Permit No. F55147
A/N 406728**

Equipment Description:

PARTICULATE CONTROL SYSTEM, CONSISTING OF:

1. BAGHOUSE, PULSEJET, TORIT, MODEL SDF-6, WITH SIX CARTRIDGE FILTERS WITH 618 SQUARE FEET FILTER AREA, AND ONE 7.5-HP BLOWER.
2. DUST COLLECTION SYSTEM, CONSISTING OF 1/2'-RADIUS AIR DUCTS AND ONE 4' L. X 3' W. HOOD, VENTING ONE RESERVOIR/HOPPER CLEANING STATION.

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. A MECHANICAL GAUGE SHALL BE INSTALLED SO AS TO INDICATE IN INCHES WATER COLUMN, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE BAGS.
[RULE 1303(a)(1)-BACT]
4. DUST COLLECTED IN THE BAGHOUSE SHALL BE DISCHARGED ONLY INTO CLOSED CONTAINERS.
[RULE 1303(a)(1)-BACT]

Periodic Monitoring:

5. 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.

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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)]

- 6. THE OPERATOR SHALL DETERMINE AND RECORD THE PRESSURE DROP ACROSS THE BAGS ONCE EVERY WEEK.

[RULE 3004 (a)(4)]

Emissions And Requirements:

- 7. 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 CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

**Permit No. F67214
A/N 418137**

Equipment Description:

MYERS 602 MIXING SYSTEM CONSISTING OF:

1. MIXER, MYERS ENGINEERING, TRISHAFT HYDROSTATIC, 50 HP, WITH TWO MIXING TANKS, HOT OIL JACKETED, EACH 2'-4" H., 80 GALLON TOTAL CAPACITY (55 GALLON WORKING CAPACITY).
2. RAM, AIR OPERATED, SINGLE DISPLACEMENT.

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 SYSTEM SHALL NOT PROCESS MORE THAN 132 BATCHES OF MATERIALS IN ANY ONE CALENDAR MONTH.
[RULE 1303(b)(2)-OFFSET]
4. EXCEPT DURING LOADING AND UNLOADING OF MATERIALS, 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 A PERMIT TO OPERATE BY THE EXECUTIVE OFFICER.
[RULE 1303(b)(2)-OFFSET, 1303(a)(1)-BACT]
5. THE OPERATION OF THIS EQUIPMENT SHALL NOT RESULT IN EMISSIONS OF ANY TOXIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE 1 WITH A DATE OF LISTING OF DECEMBER 7, 1990 OR EARLIER.
[RULE 1401]
7. RECORDS SHALL BE MAINTAINED TO DEMONSTRATE COMPLIANCE WITH ALL CONDITIONS SPECIFIED IN THIS PERMIT. THE RECORDS SHALL BE KEPT IN A FORMAT APPROVED BY THE DISTRICT, SHALL BE RETAINED ON THE PREMISES FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE.
[RULE 109, 1303(b)(2)-OFFSET]

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

Permit No. F67215
A/N 418138

Equipment Description:

SOLVENT CONDENSING SYSTEM CONSISTING OF:

1. MAIN SOLVENT CONDENSING SYSTEM CONSISTING OF:
 - a. CONDENSER HEX-1, SHELL-AND-TUBE TYPE, CHILLED WATER, 410 SQ. FT.
 - b. RECEIVER VX-1, 3' - 0" DIA. X 5' - 0" H., 250-GALLON CAPACITY.
 - c. KNOCKOUT POT VX-2, 4' - 0" DIA. X 6' - 0" H., WITH EXTERNAL DEMISTER.
 - d. CONDENSER EXHAUST BYPASS STACK, 0' - 6" DIA. X 35' - 0" H.
 - e. COLLECTION SYSTEM SERVING THE FOLLOWING MIXERS:
 - i. FIVE 415-GALLON CAPACITY MOREHOUSE MIXERS, NOS. 1, 2, 3, 6 & 7.
 - ii. ONE 80-GALLON CAPACITY MYERS MIXER, NO. 602
 - iii. ONE 60-GALLON CAPACITY MYERS MIXER, NO. 601
 - iv. ONE 10-GALLON CAPACITY MYERS MIXER.
 - f. CONDENSER EXHAUST BYPASS STACK, 0' - 6" DIA. X 35' - 0" H.
 - g. EXHAUST TO OXIDIZER NO. 3 (RTO, ABB AIR PREHEATER INC. 1-15.0AS3+COMBU CHANGER, SERIAL NO. TBD). VIA ONE CONSERVATION VALVE.
2. SECONDARY SOLVENT CONDENSING SYSTEM CONSISTING OF:
 - a. CONDENSER, ITT, CHILLED WATER, 34 SQUARE FEET.
 - b. RECEIVER TANK, 2'-6" DIA. X 3'-8" H., 120-GALLON RECEIVER, WITH A COMBINATION CONSERVATION VENT AND FLAME ARRESTOR.
 - c. TWO VACUUM PUMPS, KINNEY, SDV-320, ROTARY SCREEN DRY PUMP, 10 HP, SERVING THE FOLLOWING:
 - i. TWO 415-GALLON CAPACITY MOREHOUSE MIXERS, NOS. 6 & 7.
 - ii. ONE 80-GALLON CAPACITY MYERS MIXER, NO. 602
 - d. EXHAUST TO THE MAIN CONDENSING SYSTEM

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Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. GAUGES SHALL BE INSTALLED AND MAINTAINED TO MONITOR THE INLET TEMPERATURES OF CHILLED WATER TO THE MAIN AND SECONDARY CONDENSERS.
[RULE 1303(a)(1)-BACT]
4. THE INLET CHILLED WATER TO THE MAIN CONDENSER SHALL BE REGULATED SO THAT THE TEMPERATURE DOES NOT EXCEED 55 DEGREES F.
[RULE 1303(a)(1)-BACT]
5. THE INLET CHILLED WATER TO THE SECONDARY CONDENSER SHALL BE REGULATED SO THAT THE TEMPERATURE DOES NOT EXCEED 55 DEGREES F.
[RULE 1303(a)(1)-BACT]
6. THE OPERATOR SHALL MAINTAIN ADEQUATE RECORDS TO VERIFY COMPLIANCE WITH CONDITIONS NOS. 4 & 5. THESE RECORDS SHALL BE RETAINED ON FILE FOR AT LEAST 5 YEARS AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1303(a)(1)-BACT]
7. THIS EQUIPMENT SHALL BE VENTED TO ABB PREHEATER INC. REGENERATIVE THERMAL OXIDIZER MODEL NO. 1-15.0AS3+COMBU CHANGER, WHENEVER THE AFTERBURNER IS IN USE.
[RULE 1303(a)(1)-BACT]

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 EITHER:
 - A. 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;
 - B. TAKE CORRECTIVE ACTION(S) THAT ELIMINATES THE VISIBLE EMISSIONS WITHIN 24

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- HOURS AND REPORT THE VISIBLE EMISSIONS AS A POTENTIAL DEVIATION IN ACCORDANCE WITH THE REPORTING REQUIREMENTS IN SECTION K OF THIS PERMIT; OR
- C. 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 RULES AND REGULATIONS:
- PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

Permit No.
A/N 471909

Equipment Description:

MOREHOUSE NO. 6 MIXING SYSTEM CONSISTING OF:

1. MIXER/REACTOR TANK, MOREHOUSE-COWLES, JACKETED, 415-GALLON CAPACITY, WITH A DUAL-SHAFT AGITATOR, 80 TOTAL MAXIMUM H.P.
2. EXOTHERM QUENCH FLUID TANK, 275-GALLON CAPACITY.
3. PORTABLE FILTER VENT, 31 TOTAL MINIMUM SQ. FT. FILTER AREA.
4. REACTOR RUPTURE DISC, 15 PSIG, AND 0'-6" DIA. X 15'-0" H. VENT STACK

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. EXCEPT DURING THE ADDITION OF POWDERS AND UNLOADING, 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 A PERMIT TO OPERATE BY THE EXECUTIVE OFFICER.
[RULE 1303(b)(2)-OFFSET, 1303(a)(1)-BACT]
4. THERE CANNOT BE MORE THAN 325 GALLONS OF MATERIAL IN THE MIXER WHEN THE BATCH TEMPERATURE EXCEEDS 200 FAHRENHEIT DEGREES.
[RULE 1303(b)(2)-OFFSET, 1303(a)(1)-BACT]
5. THE EXOTHERM QUENCH FLUID TANK SHALL CONTAIN AT LEAST 65 GALLONS OF EXOTHERM QUENCH FLUID.
[RULE 1303(b)(2)-OFFSET, 1303(a)(1)-BACT]
6. THE TEMPERATURE ALARM AND ACTIVATION SYSTEM FOR ADDITION OF EXOTHERM QUENCH FLUID SHALL NOT BE SET ABOVE 390 FAHRENHEIT DEGREES. THE SYSTEM SHALL BE CHECKED AT LEAST ONCE PER MONTH AND RECORDS OF SUCH CHECKS SHALL BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST.
[RULE 1303(b)(2)-OFFSET, 1303(a)(1)-BACT]

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7. THE TEMPERATURE RECORDINGS FOR ALL CURING BATCHES SHALL BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST.
[RULE 1303(b)(2)-OFFSET]
8. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS A QUALIFIED OPERATOR IS IN ATTENDANCE AT ALL TIMES.
[RULE 204]
9. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS THE EXOTHERM QUENCH SYSTEM IS OPERATIONAL.
[RULE 1303(a)(1)-BACT]
10. THE TOTAL RATE OF SOLVENT ADDITION TO THIS MIXER SHALL NOT EXCEED THREE GALLONS PER MINUTE.
[RULE 1303(b)(2)-OFFSET]
11. THE OPERATOR SHALL ONLY USE ACETONE OR 1, 3 DIOXOLANE AS SOLVENT DURING SOLVENT VACUUM STRIPPING OPERATIONS IN THIS EQUIPMENT.
[RULE 1303(b)(2)-OFFSET, 1303(a)(1)-BACT]
12. THE COMBINED VOC EMISSIONS FROM ALL MOOREHOUSE MIXERS, UNDER APPLICATION NOS. 471909, 471911, 47XXX1, 47XXX2, & 47XXX3 SHALL BE LESS THAN THE FOLLOWING:

(A) 29 POUNDS IN ANY ONE DAY AND 7,350 POUNDS PER CALENDAR YEAR DURING ALL QUENCH BATCHES, AND

(B) 7 POUNDS IN ANY ONE DAY AND 1,750 POUNDS PER CALENDAR YEAR DURING ALL SOLVENT SOLUTION BATCHES.
[RULE 1303(b)(2)-OFFSET]
13. THE TOTAL POWDER ADDED TO ALL MIXERS (UNDER APPLICATIONS NOS. 471909, 471911, 47XXX1, 47XXX2, & 47XXX3) SHALL NOT EXCEED 700 POUNDS IN ANY ONE DAY.
[RULE 1303(b)(2)-OFFSET, 1303(a)(1)-BACT]
14. DAILY RECORDS OF SOLVENT USAGE AND ADDED POWDER SHALL BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST AND SHALL SHOW A PERIOD OF AT LEAST FIVE YEARS.
[RULE 1303(b)(2)-OFFSET]

Periodic Monitoring:

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

- A. 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;
- B. 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
- C. 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:

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

PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

Permit No.
A/N 471911

Equipment Description:

MOREHOUSE NO. 7 MIXING SYSTEM CONSISTING OF:

1. MIXER/REACTOR TANK, MOREHOUSE-COWLES, JACKETED, 415-GALLON CAPACITY, WITH A DUAL-SHAFT AGITATOR, 80 TOTAL MAXIMUM H.P.
2. EXOTHERM QUENCH FLUID TANK, 275-GALLON CAPACITY.
3. PORTABLE FILTER VENT, 31 TOTAL MINIMUM SQ. FT. FILTER AREA.
4. REACTOR RUPTURE DISC, 15 PSIG, AND 0'-6" DIA. X 15'-0" H. VENT STACK

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. EXCEPT DURING THE ADDITION OF POWDERS AND UNLOADING, 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 A PERMIT TO OPERATE BY THE EXECUTIVE OFFICER.
[RULE 1303(b)(2)-OFFSET, 1303(a)(1)-BACT]
4. THERE CANNOT BE MORE THAN 325 GALLONS OF MATERIAL IN THE MIXER WHEN THE BATCH TEMPERATURE EXCEEDS 200 FAHRENHEIT DEGREES.
[RULE 1303(b)(2)-OFFSET, 1303(a)(1)-BACT]
5. THE EXOTHERM QUENCH FLUID TANK SHALL CONTAIN AT LEAST 65 GALLONS OF EXOTHERM QUENCH FLUID.
[RULE 1303(b)(2)-OFFSET, 1303(a)(1)-BACT]
6. THE TEMPERATURE ALARM AND ACTIVATION SYSTEM FOR ADDITION OF EXOTHERM QUENCH FLUID SHALL NOT BE SET ABOVE 390 FAHRENHEIT DEGREES. THE SYSTEM SHALL BE CHECKED AT LEAST ONCE PER MONTH AND RECORDS OF SUCH CHECKS SHALL BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST.
[RULE 1303(b)(2)-OFFSET, 1303(a)(1)-BACT]

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7. THE TEMPERATURE RECORDINGS FOR ALL CURING BATCHES SHALL BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST.
[RULE 1303(b)(2)-OFFSET]
8. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS A QUALIFIED OPERATOR IS IN ATTENDANCE AT ALL TIMES.
[RULE 204]
9. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS THE EXOTHERM QUENCH SYSTEM IS OPERATIONAL.
[RULE 1303(a)(1)-BACT]
10. THE TOTAL RATE OF SOLVENT ADDITION TO THIS MIXER SHALL NOT EXCEED THREE GALLONS PER MINUTE.
[RULE 1303(b)(2)-OFFSET]
11. THE OPERATOR SHALL ONLY USE ACETONE OR 1, 3 DIOXOLANE AS SOLVENT DURING SOLVENT VACUUM STRIPPING OPERATIONS IN THIS EQUIPMENT.
[RULE 1303(b)(2)-OFFSET, 1303(a)(1)-BACT]
12. THE COMBINED VOC EMISSIONS FROM ALL MOOREHOUSE MIXERS, UNDER APPLICATION NOS. 471909, 471911, 47XXX1, 47XXX2, & 47XXX3 SHALL BE LESS THAN THE FOLLOWING:

(A) 29 POUNDS IN ANY ONE DAY AND 7,350 POUNDS PER CALENDAR YEAR DURING ALL QUENCH BATCHES, AND

(B) 7 POUNDS IN ANY ONE DAY AND 1,750 POUNDS PER CALENDAR YEAR DURING ALL SOLVENT SOLUTION BATCHES.
[RULE 1303(b)(2)-OFFSET]
13. THE TOTAL POWDER ADDED TO ALL MIXERS (UNDER APPLICATIONS NOS. 471909, 471911, 47XXX1, 47XXX2, & 47XXX3) SHALL NOT EXCEED 700 POUNDS IN ANY ONE DAY.
[RULE 1303(b)(2)-OFFSET, 1303(a)(1)-BACT]
11. THE COMBINED VOC EMISSIONS FROM ALL MOOREHOUSE MIXERS, UNDER APPLICATION NOS. 471909, 471911, 47XXX1, 47XXX2, & 47XXX3 SHALL BE LESS THAN THE FOLLOWING:

(A) 29 POUNDS IN ANY ONE DAY AND 7,350 POUNDS PER CALENDAR YEAR DURING ALL QUENCH BATCHES, AND

(B) 7 POUNDS IN ANY ONE DAY AND 1,750 POUNDS PER CALENDAR YEAR DURING ALL SOLVENT SOLUTION BATCHES.
[RULE 1303(b)(2)-OFFSET]
12. THE TOTAL POWDER ADDED TO ALL MIXERS (UNDER APPLICATIONS NOS. 471909, 471911, 47XXX1, 47XXX2, & 47XXX3) SHALL NOT EXCEED 700 POUNDS IN ANY ONE DAY.
[RULE 1303(b)(2)-OFFSET, 1303(a)(1)-BACT]

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14. DAILY RECORDS OF SOLVENT USAGE AND ADDED POWDER SHALL BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST AND SHALL SHOW A PERIOD OF AT LEAST FIVE YEARS.
[RULE 1303(b)(2)-OFFSET]

Periodic Monitoring:

15. THE OPERATOR SHALL DISCHARGE DUST COLLECTED IN THIS EQUIPMENT ONLY INTO CLOSED CONTAINERS.
[RULE 3004 (a)(4)]
16. 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 EITHER:
- A. 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;
 - B. 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
 - C. 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:

17. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

**Permit No. F67217
A/N 418141**

Equipment Description:

MIXER, MYERS, 10-GALLON CAPACITY, JACKETED, WITH TWO AGITATORS, TOTAL 3 H.P MAXIMUM..

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. EXCEPT DURING LOADING AND UNLOADING OF MATERIALS, 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 A PERMIT TO OPERATE BY THE EXECUTIVE OFFICER, TO CONTROL EMISSIONS OF PARTICULATES AND VOLATILE ORGANIC COMPOUNDS.
[RULE 1303(b)(2)-OFFSET, 1303(a)(1)-BACT]
4. THE TEMPERATURE RECORDINGS FOR ALL CURING BATCHES SHALL BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST.
[RULE 1303(b)(2)-OFFSET]
5. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS A QUALIFIED OPERATOR IS IN ATTENDANCE AT ALL TIMES.
[RULE 204]
6. THE TOTAL RATE OF SOLVENT ADDITION TO THIS MIXER SHALL NOT EXCEED THREE GALLONS PER MINUTE.
[RULE 1303(b)(2)-OFFSET]
7. THE VOC EMISSIONS FROM THIS EQUIPMENT SHALL BE LESS THAN 2 POUNDS IN ANY ONE DAY AND 500 POUNDS PER CALENDAR YEAR.
[RULE 1303(b)(2)-OFFSET]
8. DAILY RECORDS OF SOLVENT USAGE SHALL BE MADE AVAILABLE TO THE DISTRICT UPON REQUEST AND SHALL SHOW A PERIOD OF AT LEAST FIVE YEARS.
[RULE 1303(b)(2)-OFFSET]

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

Permit No. F67212
A/N 418133

Equipment Description:

AIR POLLUTION CONTROL SYSTEM NO. 3 CONSISTING OF:

1. AFTERBURNER, REGENERATIVE, HOT-ROCK BED TYPE, ABB AIR PREHEATER INC., MODEL 1-15.0AS3+COMBU CHANGER, SERIAL NO. TBD, 14' - 0" W. X 43' - 0" L. X 7' - 6" H., WITH TWO 3,000,000 BTU PER HOUR BURNERS, NATURAL GAS FIRED.
2. EXHAUST SYSTEM WITH ONE 100-HP (MAXIMUM) BLOWER VENTING THE FOLLOWING:
 - a. IMPREGNATING SYSTEM NO. 2, CONSISTING OF TWO DIP-TANKS AND ONE OVEN.
 - b. MAIN SOLVENT CONDENSING SYSTEM VIA A CONSERVATION VALVE, SERVING THE FOLLOWING:
 - i. FIVE MOREHOUSE MIXERS, NOS. 1, 2, 3, 6 & 7.
 - ii. THREE MYERS MIXERS.
 - iii. SECONDARY SOLVENT CONDENSING SYSTEM, SERVING THE FOLLOWING:
 1. MOREHOUSE MIXERS, NOS. 6 & 7.
 2. MYERS MIXER 602

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 AFTERBURNER SHALL BE EQUIPPED WITH A TEMPERATURE INDICATOR AND RECORDER WHICH MEASURES AND RECORDS THE TEMPERATURE IN THE COMBUSTION CHAMBER. THE TEMPERATURE INDICATOR AND RECORDER SHALL BE IN OPERATION WHENEVER THE EQUIPMENT IT SERVES IS IN OPERATION.
[RULE 1303(a)(1)-BACT]
4. A TEMPERATURE OF NOT LESS THAN 1600 DEGREES FAHRENHEIT SHALL BE MAINTAINED IN THE CENTER BED OF THE COMBUSTION CHAMBER WHEN THE EQUIPMENT IT SERVES IS IN OPERATION.
[RULE 1303(a)(1)-BACT]

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

5. THE TOTAL QUANTITY OF VOLATILE ORGANIC COMPOUNDS (VOC) EMISSIONS TO THE ATMOSPHERE FROM THIS EQUIPMENT SHALL BE LESS THAN 283 POUNDS IN ANY ONE DAY. AN OVERALL CONTROL EFFICIENCY OF 95% SHALL BE USED TO DETERMINE COMPLIANCE WITH THIS CONDITION.
[RULE 1303(b)(2)-OFFSET]
6. THIS EQUIPMENT SHALL BE IN OPERATION WHEN THE MIXERS ARE USED TO MIX THE COATINGS FOR THE IMPREGNATION SYSTEM NO. 2.
[RULE 1303(a)(1)-BACT]
7. EMISSIONS DISCHARGED TO THE ATMOSPHERE FROM THE USE OF ALL MATERIALS IN THIS EQUIPMENT SHALL NOT RESULT IN A MAXIMUM INDIVIDUAL CANCER RISK (MICR) GREATER THAN ONE IN A MILLION (1/1,000,000) AT ANY RECEPTOR LOCATION. THE OPERATOR SHALL FOLLOW AQMD RISK ASSESSMENT PROCEDURES (TIER II SCREEN RISK ASSESSMENT) TO DETERMINE THE MICR FROM THE COMPOUNDS IDENTIFIED IN RULE 1401, TABLE 1, WITH A DATE OF LISTING OF AUGUST 18, 2000 OR EARLIER. IN ADDITION, THE OPERATOR SHALL KEEP ADEQUATE RECORDS IN A FORMAT ACCEPTABLE TO THE DISTRICT TO DEMONSTRATE THE COMPLIANCE WITH THIS CONDITION.
[RULE 1401]
8. THIS EQUIPMENT SHALL BE MAINTAINED AND OPERATED AT A MINIMUM OVERALL VOC CONTROL EFFICIENCY (COLLECTION AND DESTRUCTION) OF 95.0% WHEN THE BASIC EQUIPMENT IT SERVES IS IN OPERATION.
[RULE 1303(a)(1)-BACT]
9. IN ADDITION TO THE RECORDKEEPING REQUIREMENTS OF RULE 109, THE OPERATOR OF THIS EQUIPMENT SHALL MAINTAIN ADEQUATE RECORDS TO VERIFY COMPLIANCE WITH CONDITION NOS. 3, 4, 5, 6, AND 7. THESE RECORDS SHALL BE RETAINED ON FILE FOR AT LEAST 5 YEARS AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 109, 1303(b)(2)-OFFSET]

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 EITHER:
 - A. 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;
 - B. TAKE CORRECTIVE ACTION(S) THAT ELIMINATES THE VISIBLE EMISSIONS WITHIN 24

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- HOURS AND REPORT THE VISIBLE EMISSIONS AS A POTENTIAL DEVIATION IN ACCORDANCE WITH THE REPORTING REQUIREMENTS IN SECTION K OF THIS PERMIT; OR
- C. 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 DURING THE LIFE OF THE PERMIT.
- B. THE TEST SHALL BE CONDUCTED TO DETERMINE THE VOC EMISSIONS USING EPA METHOD 25 OR 25A MEASURED OVER A 60 MINUTE AVERAGING TIME PERIOD.
- C. THE TEST SHALL BE CONDUCTED TO DEMONSTRATE COMPLIANCE WITH RULE 1128 AND OVERALL VOC CONTROL EFFICIENCY.
[RULE 3004 (a)(4)]

Emissions And Requirements:

12. THIS EQUIPMENT IS SUBJECT TO ALL APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- VOC: RULE 1128, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 109
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 409, 0.1 GR/SCF
CO: RULE 407, 2,000 PPMV

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

Permit No. F68442
A/N 424973

Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. BAGHOUSE, TORIT, MODEL NO. DFT-2-8, REVERSE PULSE JET TYPE, 3' – 5" W. X 7' – 2" L. X 10' – 4" H., 2032 SQ. FT. FILETR AREA.
2. EXHAUST SYSTEM WITH TEN FLEXIBLE SNORKELS AND ONE 140 H. P. (MAXIMUM) BLOWER VENTING TWO QUENCH BOOTHS VIA ONE WATER SCRUBBER AND EIGHT CATALYTIC MIXERS.

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 A CLOSED CONTAINER.
[RULE 1303(a)(1)-BACT]
4. A MAGNEHELIC GAUGE SHALL BE INSTALLED AND MAINTAINED SO AS TO INDICATE IN INCHES WATER COLUMN, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE FILTERS.
[RULE 1303(a)(1)-BACT]

Periodic Monitoring:

5. 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.

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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)]

- 6. THE OPERATOR SHALL DETERMINE AND RECORD THE PRESSURE DROP ACROSS THE BAGS ONCE EVERY WEEK.

[RULE 3004 (a)(4)]

Emissions And Requirements:

- 7. 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 CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

Permit No. F68443
A/N 424974

Equipment Description:

MILLING SYSTEM CONSISTING OF:

1. JET MILL, 250 MM, FEEDER, ACCURATE, MODEL 302 WITH A 1/8 HP MOTOR.
2. PRODUCT/DUST COLLECTOR, TORIT, MODEL 2DF2, 2 BAGS, PULSE TYPE, 3 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. DURING LOADING AND UNLOADING OF MATERIALS, THIS EQUIPMENT SHALL BE VENTED TO AN AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE (AS SPECIFIED IN THAT PERMIT) AND WHICH HAS BEEN ISSUED A PERMIT TO OPERATE BY THE DISTRICT.
[RULE 1303(a)(1)-BACT]

Emissions And Requirements:

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

PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

Permit No. F68448
A/N 424981

Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. BAGHOUSE M2-1, TORIT, WITH EIGHT CARTRIDGE FILTERS, 1808 SQUARE FEET TOTAL FILTER AREA.
2. EXHAUST SYSTEM WITH SIX FLEXIBLE SNORKELS AND ONE 15-HP BLOWER VENTING JET MILLS LOCATED IN JET MILL ROOMS NOS. 2 AND 3, M2 BUILDING.

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 A CLOSED CONTAINER.
[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;

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- B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS; AND
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED.
[RULE 3004 (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

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

Permit No. F68481
A/N 424976

Equipment Description:

MILLING SYSTEM CONSISTING OF:

1. JET MILL, 4-INCH.
2. FEEDER WITH ONE 0.5-HP (MAX) MOTOR
3. PRODUCT COLLECTOR CONSISTING OF ONE FILTER, DRUM MOUNTED

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. DURING LOADING AND UNLOADING OF MATERIALS, THIS EQUIPMENT SHALL BE VENTED TO AN AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE (AS SPECIFIED IN THAT PERMIT) AND WHICH HAS BEEN ISSUED A PERMIT TO OPERATE BY THE DISTRICT.
[RULE 1303(a)(1)-BACT]

Emissions And Requirements:

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

PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

Permit No. F68444
A/N 424978

Equipment Description:

MILLING SYSTEM CONSISTING OF:

1. JET MILL, 170-MM.
2. FEEDER WITH ONE 0.5-HP (MAX) MOTOR
3. PRODUCT COLLECTOR CONSISTING OF ONE FILTER, DRUM MOUNTED

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. DURING LOADING AND UNLOADING OF MATERIALS, THIS EQUIPMENT SHALL BE VENTED TO AN AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE (AS SPECIFIED IN THAT PERMIT) AND WHICH HAS BEEN ISSUED A PERMIT TO OPERATE BY THE DISTRICT.
[RULE 1303(a)(1)-BACT]

Emissions And Requirements:

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

PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

Permit No. F68445
A/N 424979

Equipment Description:

MILLING SYSTEM CONSISTING OF:

1. JET MILL, 8-INCH
2. FEEDER WITH ONE 0.5-HP (MAX) MOTOR
3. PRODUCT COLLECTOR CONSISTING OF ONE FILTER, DRUM MOUNTED

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. DURING LOADING AND UNLOADING OF MATERIALS, THIS EQUIPMENT SHALL BE VENTED TO AN AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE (AS SPECIFIED IN THAT PERMIT) AND WHICH HAS BEEN ISSUED A PERMIT TO OPERATE BY THE DISTRICT.
[RULE 1303(a)(1)-BACT]

Emissions And Requirements:

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

PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

Permit No. F72264
A/N 424975

Equipment Description:

MILLING SYSTEM CONSISTING OF:

1. JET MILL, 170 MM, FEEDER, ACCURATE, MODEL 302 WITH A 1/8 HP MOTOR.
2. PRODUCT COLLECTOR CONSISTING OF ONE FILTER, DRUM MOUNTED.

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. DURING LOADING AND UNLOADING OF MATERIALS, THIS EQUIPMENT SHALL BE VENTED TO AN AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A PERMIT TO OPERATE BY THE DISTRICT.
[RULE 1303(a)(1)-BACT]

Emissions And Requirements:

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

PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE CYTEC ENGINEERING MATERIALS INC

PERMIT TO OPERATE

**Permit No. F72265
A/N 424980**

Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. BAGHOUSE M2-2, TORIT, WITH EIGHT CARTRIDGE FILTERS, 1808 SQUARE FEET TOTAL FILTER AREA.
2. EXHAUST SYSTEM WITH SIX FLEXIBLE SNORKELS AND ONE 15-HP BLOWER VENTING A NO. 9 MIXER, AND JET MILLS LOCATED INSIDE JET MILL ROOM NO. 1, M2 BUILDING.

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 A CLOSED CONTAINER.
[RULE 1303(a)(1)-BACT]

Periodic Monitoring:

4. 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)]
5. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSIONS FROM ALL STACKS

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

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

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PERMIT TO OPERATE

Permit No. F72266
A/N 424982

Equipment Description:

CATALYTIC MIXER NO. 9, MYERS, 5-GALLON CAPACITY, 3 H.P. TOTAL MAXIMUM

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. EXCEPT DURING CLEANING, 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 A PERMIT TO OPERATE BY THE DISTRICT.
[RULE 1303(b)(2)-OFFSET, 1303(a)(1)-BACT]
4. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS A QUALIFIED OPERATOR IS IN ATTENDANCE AT ALL TIMES.
[RULE 204]
5. THIS EQUIPMENT SHALL ONLY BE USED FOR MIXING CHEMICAL PASTES THAT WILL NOT RESULT IN ANY EXOTHERMIC REACTION.
[RULE 1303(a)(1)-BACT]

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PERMIT TO OPERATE

**Permit No. F90993
A/N 461426**

Equipment Description:

SPRAY BOOTH, DEVILBISS, MODEL NO. 44567, FLOOR TYPE, 4' - 8" W X 7' - 0" L X 7' - 0" H, WITH SIX 25" X 20" PRE-FILTERS, TWO 24" X 24" X 23" HEPA FILTERS, AND ONE 2 H. P. 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 SPRAY BOOTH SHALL NOT BE OPERATED UNLESS ALL EXHAUST AIR PASSES THROUGH PANEL FILTER, AND HEPA FILTER MEDIA.
[RULE 1303(a)(1)-BACT]
4. A GAUGE SHALL BE INSTALLED TO INDICATE IN INCHES OF WATER, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE PANEL FILTERS. IN OPERATION, THE PRESSURE DIFFERENTIAL SHALL NOT EXCEED 0.25 INCH OF WATER.
[RULE 1303(a)(1)-BACT]
5. A GAUGE SHALL BE INSTALLED TO INDICATE IN INCHES OF WATER, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE HEPA FILTERS. IN OPERATION, THE PRESSURE DIFFERENTIAL SHALL NOT EXCEED 2.5 INCH OF WATER AND SHALL NOT BE LOWER THAN 0.5 INCH OF WATER.
[RULE 1303(a)(1)-BACT]
6. THE HEPA FILTERS USED IN THIS EQUIPMENT SHALL BE INDIVIDUALLY DOP TESTED WITH 0.3 MICRON PARTICLES AND CERTIFIED TO HAVE AN EFFICIENCY OF NOT LESS THAN 99.97%.
[RULE 1303(a)(1)-BACT, 1469.1]
7. THE TOTAL QUANTITY OF COATINGS AND SOLVENTS USED IN THIS EQUIPMENT SHALL NOT EXCEED 2 GALLONS IN ANY ONE DAY.
[RULE 1303(b)(2)-OFFSET]

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8. IN ADDITION TO THE RECORD KEEPING REQUIREMENTS IN RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT AND ASSOCIATED OPERATIONS TO VERIFY DAILY USAGE IN GALLONS AND COMPLIANCE WITH PERMIT CONDITIONS. THE RECORDS SHALL INCLUDE VOC CONTENT OF EACH MATERIAL AS APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS).
[RULE 109]
9. ALL RECORDS REQUIRED BY THIS PERMIT SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT, RETAINED AT THE FACILITY FOR 5 YEARS AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[RULE 109]

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 442, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1107, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1124, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1145, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 109
PM: RULE 481
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

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PERMIT TO CONSTRUCT/OPERATE

Permit No. F72263
A/N 434758

Equipment Description:

SIFTER, PORTABLE, VORTIV SIV, MODEL RVM 30E, WITH ONE 1-H.P. SHAKING 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. NOT MORE THAN 1000 POUNDS OF FEED MAY BE PROCESSED IN THIS EQUIPMENT IN ANY ONE DAY.
[RULE 1303(b)(2)-OFFSET]
4. MATERIALS COLLECTED FROM THE SIFTER SHALL BE DISCHARGED ONLY INTO A CLOSED CONTAINER.
[RULE 1303(a)(1)-BACT]
5. MATERIALS PROCESSED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE 1 WITH AN EFFECTIVE DATE OF MAY 2, 2003, OR EARLIER.
[RULE 1401]
6. THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO VERIFY DAILY THROUGHPUT OF FEED AND COMPLIANCE WITH THE CONDITIONS SPECIFIED ON THIS PERMIT. THESE RECORDS SHALL BE RETAINED ON SITE FOR AT LEAST FIVE YEARS AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1303(b)(2)-OFFSET]
7. THIS PERMIT SHALL EXPIRE IF THE CONSTRUCTION OF THIS EQUIPMENT HAS NOT BEEN COMMENCED BY DECEMBER 1, 2005 UNLESS AN EXTENSION OF TIME HAS BEEN APPROVED IN WRITING BY A DISTRICT REPRESENTATIVE.

Periodic Monitoring:

8. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSIONS FROM ALL STACKS

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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 EITHER:

- A. 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;
- B. 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
- C. 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 RULES AND REGULATIONS:

PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS

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PERMIT TO CONSTRUCT/OPERATE

Permit No. F76331
A/N 442209

Equipment Description:

BURN-OFF FURNACE, ACE, MODEL 230-RT, 32" W. X 34" D. X 31" H. (INTERNAL PRIMARY CHAMBER DIMENSIONS), WITH ONE 0.8-MMBTU/HR PRIMARY BURNER AND ONE BUILT-IN 0.8-MMBTU/HR AFTERBURNER.

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. A TEMPERATURE OF NOT LESS THAN 1400 DEGREES FAHRENHEIT SHALL BE MAINTAINED IN THE SECONDARY COMBUSTION CHAMBER WHENEVER THE PRIMARY CHAMBER IS IN OPERATION.
[RULE 1303(a)(1)-BACT]
4. THE EQUIPMENT SHALL BE EQUIPPED WITH A TEMPERATURE INDICATOR AND RECORDER WHICH CONTINUOUSLY MEASURES AND RECORDS THE TEMPERATURE IN THE SECONDARY COMBUSTION CHAMBER. THE TEMPERATURE INDICATOR AND RECORDER SHALL BE IN OPERATION WHENEVER THE PRIMARY CHAMBER IS IN OPERATION.
[RULE 1303(a)(1)-BACT]
5. THE OPERATOR SHALL ONLY PROCESS PARTS THAT ARE COMPLETELY CURED IN THIS EQUIPMENT. THE OPERATOR SHALL KEEP ADEQUATE RECORDS IN A FORMAT APPROVED IN WRITING BY THE DISTRICT TO DEMONSTRATE COMPLIANCE WITH THIS CONDITION.
[RULE 1303(b)(2)-BACT]
6. THIS PERMIT SHALL EXPIRE IF THE CONSTRUCTION OF THIS EQUIPMENT IS NOT STARTED BY X-XX-2006 UNLESS AN EXTENSION OF TIME HAS BEEN APPROVED IN WRITING BY A DISTRICT REPRESENTATIVE.
[RULE 205]

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

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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 EITHER:

- A. 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;
- B. 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
- C. 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:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 409, 0.1 GR/SCF
CO: RULE 407, 2,000 PPMV

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PERMIT TO CONSTRUCT

A/N 449703
Granted as of
January 26, 2006

Equipment Description:

MODIFICATION TO RESIN IMPREGNATING AND AIR POLLUTION CONTROL SYSTEM NO. 1 AS FOLLOWS
(UNDERLINE FOR ADDITION AND STRIKE-THROUGH FOR DELETION):

1. VERTICAL RESIN IMPREGNATING SYSTEM NO. 1, CONSISTING OF:
 - a. PULL ROLLS NO. 1 WITH ONE 3-HP (MAXIMUM) MOTOR.
 - b. PREWET ROLL WITH ONE 2-HP (MAXIMUM) MOTOR.
 - c. DIP TANK NO. 1, 1'-10" W. X 6'-3" L. X 1'-3" H., WITH ONE 40-GPM (MAXIMUM) LIQUID RECIRCULATING PUMP.
 - d. METERING ROLLS NO. 1 WITH ONE 2-HP (MAXIMUM) MOTOR.
 - e. VERTICAL DRYER NO. 1, WOLVERINE, 5'-7" W. X 7'-1" L. X 21'-1" H., WITH TWO 10-HP (MAXIMUM) AIR RECIRCULATING BLOWERS.
 - f. SKYROLL NO. 1 WITH ONE 2-HP (MAXIMUM) MOTOR.
 - g. PULL ROLLS NO. 2 WITH ONE 3-HP (MAXIMUM) MOTOR.
 - h. DIP TANK NO. 2, 1'-8" W. X 7'-2" L. X 1'-0" H., WITH ONE 40-GPM (MAXIMUM) LIQUID RECIRCULATING PUMP.
 - i. METERING ROLLS NO. 2 WITH ONE 2-HP (MAXIMUM) MOTOR.
 - j. VERTICAL DRYER NO. 2, WOLVERINE, 5'-7" W. X 7'-1" L. X 21'-1" H., WITH TWO 10-HP (MAXIMUM) AIR RECIRCULATING BLOWERS.
 - k. SKYROLL NO. 2 WITH ONE 2-HP (MAXIMUM) MOTOR.
 - l. TWO 75-GALLON (MAXIMUM) KETTLE MIXING TANKS, EACH WITH ONE 40-GPM (MAXIMUM) RESIN TRANSFERRING PUMP, ONE 3-HP SOLVENT TRANSFERRING PUMP, AND ONE 1-HP (MAXIMUM) MIXER.
 - m. COOL SLIT ROLLS WITH ONE 3-HP (MAXIMUM) MOTOR.
 - n. COMPACTOR NIP ROLLS WITH ONE 2-HP (MAXIMUM) MOTOR.
 - o. ~~REWINDER WITH TWO 5-HP (MAXIMUM) FRESH AIR SUPPLY BLOWER, SERVING VERTICAL DRYERS NOS. 1 & 2 TAKEUP MOTORS AND ONE 3-HP (MAXIMUM) INDEX MOTOR.~~
 - p. ONE 15-HP (MAXIMUM) FRESH AIR SUPPLY BLOWER, SERVING VERTICAL DRYERS NO. 1 & 2.
2. AIR POLLUTION CONTROL SYSTEM, CONSISTING OF:

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- a. ~~AFTERBURNER, C.E. AIRPREHEATER, 3' 10" W. X 41' 3" L. X 5' 0 H., WITH A MAXON COMBUSTIFUME NO. 4 GAS BURNER, 4,400,000 BTU PER HOUR, ONE PROCESS AIR COR PAK PREHEATER, ONE EXHAUST GAS/DRYER SUPPLY AIR COR PAK HEAT EXCHANGER, AND ONE CAIN INDUSTRY EXHAUST RECOVERY HEAT EXCHANGER. REGENERATIVE THERMAL OXIDIZER LANGBEIN ENGELBRACHT AMERICA, MODEL TR1092C, SERIAL NO. TBD, WITH ONE 2.5-MMBTU/HR MAXON KINEDIZER NATURAL-GAS FIRED BURNER.~~
 - b. PERMANENT TOTAL ENCLOSURE (PTE), SERVING VERTICAL RESIN IMPREGNATING SYSTEM NO. 1.
 - c. ~~ONE 40 75-HP (MAXIMUM) EXHAUST BLOWER VENTING DIP TANKS NOS. 1 & 2, VERTICAL DRYERS NOS. 1 & 2, TWO KETTLE MIXING TANKS, VERTICAL RESIN IMPREGNATING SYSTEM NO. 1 AND PTE.~~
3. OXIDIZER EFFLUENT RECIRCULATING SYSTEM, CONSISTING OF:
- a. ONE 15-HP (MAX) BLOWER, OXIDIZER EFFLUENT RECIRCULATING & SUPPLYING PROCESS AIR TO VERTICAL DRYERS NOS. 1 & 2.
 - b. DUCT BURNER, MAXON, MODEL CYCLOMAX 1.6M, 1.6-MMBTU/HR, NATURAL GAS.

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 TOTAL QUANTITY OF VOLATILE ORGANIC COMPOUNDS (VOC) DISCHARGED TO THE ATMOSPHERE FROM THIS EQUIPMENT SHALL NOT EXCEED 576 POUNDS IN ANY ONE DAY.
[RULE 1303(b)(2)-OFFSET]
4. THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO VERIFY DAILY USAGE AND DAILY VOLATILE ORGANIC COMPOUNDS (VOC) EMISSIONS IN A FORMAT APPROVED BY THE DISTRICT. SUCH RECORDS SHALL BE RETAINED FOR A PERIOD OF FIVE YEARS AND BE MADE AVAILABLE UPON REQUEST OF A DISTRICT REPRESENTATIVE.
[RULE 109, 1303(b)(2)-OFFSET]
5. A CONTINUOUS TEMPERATURE INDICATOR AND RECORDER SHALL BE INSTALLED TO MEASURE AND RECORD THE TEMPERATURE IN THE COMBUSTION CHAMBER.
[RULE 1303(a)(1)-BACT]
6. THE TEMPERATURE INDICATOR SHALL BE CALIBRATED AT LEAST ONCE A YEAR, AND MORE OFTEN IF NECESSARY, TO ENSURE THE ACCURACY OF THE READINGS WITHIN PLUS OR MINUS 10 DEGREES FAHRENHEIT.
[RULE 1303(a)(1)-BACT]

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7. A TEMPERATURE OF NOT LESS THAN 1400 DEGREES FAHRENHEIT SHALL BE MAINTAINED IN THE COMBUSTION CHAMBER WHENEVER THE EQUIPMENT IT SERVES IS IN OPERATION.
[RULE 1303(a)(1)-BACT]
8. THE OPERATOR SHALL MAINTAIN THE EQUIPMENT TO ACHIEVE A MINIMUM VOC DESTRUCTION EFFICIENCY OF 95% AND A MINIMUM OVERALL VOC CONTROL EFFICIENCY OF 95% DURING NORMAL OPERATION OF THE EQUIPMENT IT SERVES.
[RULE 1303(a)(1)-BACT]
9. THE OPERATOR SHALL MAINTAIN AND OPERATE EACH PERMANENT TOTAL ENCLOSURE TO COMPLY WITH ALL CRITERIA SPECIFIED IN EPA METHOD 204.
[RULE 1303(a)(1)-BACT]
10. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL CONDUCT SOURCE TESTS UNDER THE FOLLOWING CONDITIONS TO DEMONSTRATE COMPLIANCE WITH THE PERMIT CONDITIONS:
 - A. THE TEST SHALL BE CONDUCTED TO DEMONSTRATE COMPLIANCE WITH THE VOC DESTRUCTION EFFICIENCY AND VOC OVERALL CONTROL EFFICIENCY.
 - B. THE TEST SHALL BE CONDUCTED TO DEMONSTRATE COMPLIANCE WITH THE EPA METHOD 204.
 - C. 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.
 - D. 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.
 - E. THE SOURCE TESTS SHALL CONSIST OF, BUT MAY NOT BE LIMITED TO, TESTING AT THE INLET AND THE EXHAUST OF THE OXIDIZER FOR:
 - (1) VOLATILE ORGANIC COMPOUND (VOC) IN PPMV AND LBS/HR
 - (2) OXIDES OF NITROGEN (OXIDIZER EXHAUST ONLY)
 - (3) CARBON MONOXIDE (OXIDIZER EXHAUST ONLY)
 - (4) VOC DESTRUCTION EFFICIENCY
 - (5) VOC COLLECTION EFFICIENCY
 - (6) USAGE OF ALL VOC-CONTAINING MATERIALS (COATINGS, INKS, SOLVENTS, ETC.) DURING THE TEST
 - (7) OXYGEN CONTENT
 - (8) MOISTURE CONTENT
 - (9) FLOW RATE
 - (10) TEMPERATURE

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- F. 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.
 - G. A WRITTEN NOTICE OF THE SOURCE TESTS 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.
 - H. TWO COMPLETE COPIES OF THE SOURCE TEST REPORTS SHALL BE SUBMITTED TO THE DISTRICT 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.
 - I. 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.
 - J. SAMPLING FACILITIES SHALL COMPLY WITH THE DISTRICT GUIDELINES FOR CONSTRUCTION OF SAMPLING AND TESTING FACILITIES, PURSUANT TO RULE 217.
[RULE 1303(a)(1)-BACT]
11. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL SUBMIT THE RESULTS OF ALL PRELIMINARY TESTS THAT ARE CONDUCTED ON THIS EQUIPMENT FOR INFORMATIONAL PURPOSES TO THE DISTRICT WITHIN 45 DAYS AFTER THE TESTING DATE UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.
[RULE 1303(a)(1)-BACT]

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 EITHER:
- A. 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;
 - B. TAKE CORRECTIVE ACTION(S) THAT ELIMINATES THE VISIBLE EMISSIONS WITHIN 24 HOURS AND REPORT THE VISIBLE EMISSIONS AS A POTENTIAL DEVIATION IN

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- ACCORDANCE WITH THE REPORTING REQUIREMENTS IN SECTION K OF THIS PERMIT; OR
- C. 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:

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

VOC: RULE 1128, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 109
CO: 2000 PPMV, RULE 407
PM: 0.1 GR/SCF, RULE 409
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

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RULE 219 EQUIPMENT

Equipment Description:

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

Periodic Monitoring:

1. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

FOR ARCHITECTURAL APPLICATIONS WHERE NO THINNERS, REDUCERS, OR OTHER VOC CONTAINING MATERIALS ARE ADDED, MAINTAIN SEMI-ANNUAL RECORDS OF ALL COATINGS CONSISTING OF (a) COATING TYPE, (b) VOC CONTENT AS SUPPLIED IN GRAMS PER LITER (g/l) OF MATERIALS FOR LOW-SOLIDS COATINGS, (c) VOC CONTENT AS SUPPLIED IN g/l OF COATING, LESS WATER AND EXEMPT SOLVENT, FOR OTHER COATING.

FOR OTHER ARCHITECTURAL APPLICATIONS WHERE THINNERS, REDUCERS, OR OTHER VOC CONTAINING MATERIALS ARE ADDED, MAINTAIN DAILY RECORDS FOR EACH COATING CONSISTING OF (a) COATING TYPE, (b) VOC CONTENT AS APPLIED IN GRAMS PER LITER (g/l) OF MATERIALS USED FOR LOW-SOLIDS COATINGS, (c) VOC CONTENT AS APPLIED IN g/l OF COATING, LESS WATER AND EXEMPT SOLVENT, FOR OTHER COATING.

[RULE 3004 (a) (4)]

Emissions And Requirements:

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

VOC: RULE 1113, SEE APPENDIX B FOR EMISSION LIMITS

VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS

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RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, HAND WIPING OPERATIONS.

Emissions And Requirements:

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

VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS

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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):
 - D. THE NAME OF THE PERSON PERFORMING THE INSPECTION AND/OR MAINTENANCE OF THE FILTER MEDIA;
 - E. THE DATE, TIME AND RESULTS OF THE INSPECTION; AND
 - F. 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)]

Emissions And Requirements:

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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

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RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, BOILER, > 400,000 BTU/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

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RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, REFRIGERATION 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

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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

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RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, LAMINATING 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 1168, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS

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RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, 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 1124, SEE APPENDIX B FOR EMISSION LIMITS
 - VOC: RULE 1128, SEE APPENDIX B FOR EMISSION LIMITS
 - VOC: RULE 1145, SEE APPENDIX B FOR EMISSION LIMITS
 - VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
 - VOC: RULE 109

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RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, REFRIGERANT RECOVERY AND/OR RECYCLING UNITS.

Emissions And Requirements:

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

REFRIGERANT: RULE 1411
REFRIGERANT: 40CFR 82 SUBPART B

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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