

FACILITY PERMIT TO OPERATE PENN INDUSTRIES, 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
 PENN INDUSTRIES, 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
459383	F97645	LITHOGRAPHIC PRINTING PRESS, HEAT SET
482736	F97646	LITHOGRAPHIC PRINTING PRESS, HEAT SET
459386	F96111	LITHOGRAPHIC PRINTING PRESS, HEAT SET
459387	F96112	I C E (50-500 HP) NAT GAS
459388	F96113	LITHOGRAPHIC PRINTING PRESS, HEAT SET
459390	F96114	LITHOGRAPHIC PRINTING PRESS, IR DRY
459391	F96115	LITHOGRAPHIC PRINTING PRESS, HEAT SET
459512	F96116	LITHOGRAPHIC PRINTING PRESS, IR DRY
459965	F98163	REGENERATIVE THERMAL OXIDIZER
495784		LITHOGRAPHIC PRINTING PRESS, UV DRY

NOTE: EQUIPMENT LISTED ABOVE THAT HAVE NO CORRESPONDING PERMITS TO OPERATE NUMBER ARE ISSUED PERMITS TO CONSTRUCT. THE ISSUANCE OR DENIAL OF THEIR PERMITS TO OPERATE IS SUBJECT TO ENGINEERING FINAL REVIEW. ANY OTHER APPLICATIONS THAT ARE STILL BEING PROCESSED AND HAVE NOT BEEN ISSUED PERMITS TO CONSTRUCT OR PERMITS TO OPERATE WILL NOT BE FOUND IN THIS TITLE V PERMIT.

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FACILITY WIDE CONDITION(S)

Condition(s):

1. EXCEPT FOR OPEN ABRASIVE BLASTING OPERATIONS, THE OPERATOR SHALL NOT DISCHARGE INTO THE ATMOSPHERE FROM ANY SINGLE SOURCE OF EMISSIONS WHATSOEVER ANY AIR CONTAMINANT FOR A PERIOD OR PERIODS AGGREGATING MORE THAN THREE MINUTES IN ANY ONE HOUR WHICH IS:
 - A. AS DARK OR DARKER IN SHADE AS THAT DESIGNATED NO. 1 ON THE RINGELMANN CHART, AS PUBLISHED BY THE UNITED STATES BUREAU OF MINES; OR
 - B. OF SUCH OPACITY AS TO OBSCURE AN OBSERVER'S VIEW TO A DEGREE EQUAL TO OR GREATER THAN DOES SMOKE DESCRIBED IN SUBPARAGRAPH (A) OF THIS CONDITION.
[RULE 401]
2. THE TOTAL QUANTITY OF VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS FROM THIS FACILITY SHALL NOT EXCEED 16,740 POUNDS IN ANY CALENDAR MONTH.
[RULE 1303(b)(2)-OFFSET]
3. IN ADDITION TO THE RECORDKEEPING REQUIREMENTS IN RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS FACILITY TO VERIFY DAILY VOC EMISSIONS IN POUNDS AND THE VOC CONTENT OF EACH MATERIAL AS APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS)
[RULE 109, 1303(b)(2)-OFFSET]
4. WITHIN 14 CALENDAR DAYS AFTER THE END OF EACH MONTH, TOTAL AND RECORD VOC EMISSIONS FOR THE MONTH FROM ALL EQUIPMENT AND OPERATIONS THAT ARE REQUIRED TO HAVE WRITTEN PERMITS OR ARE EXEMPT FROM WRITTEN PERMITS PURSUANT TO RULE 219. THE 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]
5. THE OPERATOR SHALL MAINTAIN A SINGLE LIST WHICH INCLUDES ONLY THE NAME AND ADDRESS OF EACH PERSON FROM WHOM THE FACILITY ACQUIRED VOC-CONTAINING MATERIAL REGULATED BY THE DISTRICT THAT WAS USED OR STORED AT THE FACILITY DURING THE PRECEDING 12 MONTHS.
[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 MANIFESTS FOR ALL WASTE VOC-CONTAINING MATERIAL REMOVED FROM THE FACILITY FOR FIVE YEARS.
[RULE 109, 1303(b)(2)-OFFSET]

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7. ALL RECORDS REQUIRED BY THIS PERMIT SHALL BE PREPARED IN A FORMAT ACCEPTABLE TO THE DISTRICT, 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]

FACILITY PERMIT TO OPERATE PENN INDUSTRIES, INC.

PERMIT TO OPERATE

Permit No. F97645
A/N 459383

Equipment Description:

LITHOGRAPHIC PRINTING LINE CONSISTING OF:

1. PRINTING PRESS, HARRIS, MODEL NO. M-110, 4 COLOR, WEB FED, 28" WEB WIDTH, 158 HP TOTAL DRIVE COMMON TO LITHOGRAPHIC PRINTING LINE UNDER APPLICATION NO. 482736.
2. OVEN, TECH, MODEL NO. C-1000, 6'-2" W. X 9'-7" L. X 4'-0" H., INDIRECT NATURAL GAS FIRED, 1,130,000 BTU/HR BURNER, 5 HP COMBUSTION AIR BLOWER, 25 HP CIRCULATION BLOWER, AND A 5 HP EXHAUST FAN.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE 1, EXCEPT ETHYLENE GLYCOL, ETHYLENE GLYCOL MONOBUTYL ETHER, XYLENE AND ISOPROPYL ALCOHOL, WITH AN EFFECTIVE DATE OF MARCH 4, 2005 OR EARLIER.
[RULE 1401]
4. FOUNTAIN SOLUTIONS USED IN THIS EQUIPMENT SHALL BE 8% VOC BY VOLUME OR LESS, AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS.
[RULE 1303(a)(1)-BACT]
5. THE VOC COMPOSITE PARTIAL PRESSURE OF THE BLANKET AND ROLLER WASHES USED IN THIS EQUIPMENT SHALL NOT EXCEED 10 mmHg @ 20 DEGREES CENTIGRADE.
[RULE 1303(a)(1)-BACT]

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6. THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY THE FOLLOWING:
 - A. DENSITY OF EACH INK IN POUNDS PER GALLONS.
 - B. PERCENTAGE BY WEIGHT OF LITHOGRAPHIC OILS IN EACH INK.
 - C. INK ABSORPTION FACTOR AS SPECIFIED BY CURRENT DISTRICT GUIDELINES.
 - D. VOC CONTENT OF FOUNTAIN SOLUTIONS, WASH MATERIALS, AND OTHER MATERIALS USED IN POUNDS PER GALLON AS APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS).
 - E. VOC EMISSIONS IN LBS/DAY FROM THIS EQUIPMENT.
 - F. OTHER DATA AS REQUIRED TO VERIFY COMPLIANCE WITH THE CONDITIONS SPECIFIED IN THIS PERMIT.
[RULE 109, 1303(b)(2)- OFFSET]
7. 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 OPERATE BY THE DISTRICT.
[RULE 1303(a)(1)-BACT]
8. THE TOTAL QUANTITY OF VOC EMISSIONS FROM THE USE OF MATERIALS APPLIED IN THE EQUIPMENT UNDER APPLICATION NOS. 459383 AND 482736 SHALL NOT EXCEED 5,250 POUNDS IN ANY CALENDAR MONTH.
[RULE 109, 1303(b)(2)-OFFSET]
9. THE TOTAL QUANTITY OF NATURAL GAS USED IN THE OVENS UNDER APPLICATION NOS. 459383 AND 482736 SHALL NOT EXCEED 10,000 CUBIC FEET IN ANY ONE DAY.
[RULE 1303(a)(1)-BACT]
10. A NON-RESETTABLE TOTALIZING FUEL METER SHALL BE INSTALLED AND MAINTAINED TO VERIFY COMPLIANCE WITH CONDITION NO. 9.
[RULE 1303(a)(1)-BACT]
11. THE OPERATOR SHALL MAINTAIN A FUEL USAGE LOG TO DEMONSTRATE COMPLIANCE WITH CONDITION NO. 9. THE LOG SHALL INCLUDE, AT A MINIMUM, THE DAY OF OPERATION, THE METER READINGS AND THE DAILY FUEL USAGE.
[RULE 1303(a)(1)-BACT]

Emissions And Requirements:

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

VOC: RULE 109
VOC: RULE 1130, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS

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

FACILITY PERMIT TO OPERATE PENN INDUSTRIES, INC.

PERMIT TO OPERATE

Permit No. F97646
A/N 482736

Equipment Description:

LITHOGRAPHIC PRINTING LINE CONSISTING OF:

1. PRINTING PRESS, HARRIS, MODEL NO. M-110, 4 COLOR, WEB FED, 28" WEB WIDTH, 158 HP TOTAL DRIVE COMMON TO LITHOGRAPHIC PRINTING LINE UNDER APPLICATION NO. 459383.
2. OVEN, TECH, MODEL NO. C-1000, 6'-2" W. X 9'-7" L. X 4'-0" H., INDIRECT NATURAL GAS FIRED, 1,130,000 BTU/HR BURNER, 5 HP COMBUSTION AIR BLOWER, 25 HP CIRCULATION BLOWER, AND A 5 HP EXHAUST FAN.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE 1, EXCEPT ETHYLENE GLYCOL, ETHYLENE GLYCOL MONOBUTYL ETHER, XYLENE AND ISOPROPYL ALCOHOL, WITH AN EFFECTIVE DATE OF MARCH 4, 2005 OR EARLIER.
[RULE 1401]
4. FOUNTAIN SOLUTIONS USED IN THIS EQUIPMENT SHALL BE 8% VOC BY VOLUME OR LESS, AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS.
[RULE 1303(a)(1)-BACT]
5. THE VOC COMPOSITE PARTIAL PRESSURE OF THE BLANKET AND ROLLER WASHES USED IN THIS EQUIPMENT SHALL NOT EXCEED 10 mmHg @ 20 DEGREES CENTIGRADE.
[RULE 1303(a)(1)-BACT]

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6. THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY THE FOLLOWING:
 - A. DENSITY OF EACH INK IN POUNDS PER GALLONS.
 - B. PERCENTAGE BY WEIGHT OF LITHOGRAPHIC OILS IN EACH INK.
 - C. INK ABSORPTION FACTOR AS SPECIFIED BY CURRENT DISTRICT GUIDELINES.
 - D. VOC CONTENT OF FOUNTAIN SOLUTIONS, WASH MATERIALS, AND OTHER MATERIALS USED IN POUNDS PER GALLON AS APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS).
 - E. VOC EMISSIONS IN LBS/DAY FROM THIS EQUIPMENT.
 - F. OTHER DATA AS REQUIRED TO VERIFY COMPLIANCE WITH THE CONDITIONS SPECIFIED IN THIS PERMIT.
[RULE 109, 1303(b)(2)- OFFSET]
7. 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 OPERATE BY THE DISTRICT.
[RULE 1303(a)(1)-BACT]
8. THE TOTAL QUANTITY OF VOC EMISSIONS FROM THE USE OF MATERIALS APPLIED IN THE EQUIPMENT UNDER APPLICATION NOS. 459383 AND 482736 SHALL NOT EXCEED 5,250 POUNDS IN ANY CALENDAR MONTH.
[RULE 109, 1303(b)(2)-OFFSET]
9. THE TOTAL QUANTITY OF NATURAL GAS USED IN THE OVENS UNDER APPLICATION NOS. 459383 AND 482736 SHALL NOT EXCEED 10,000 CUBIC FEET IN ANY ONE DAY.
[RULE 1303(a)(1)-BACT]
10. A NON-RESETTABLE TOTALIZING FUEL METER SHALL BE INSTALLED AND MAINTAINED TO VERIFY COMPLIANCE WITH CONDITION NO. 9.
[RULE 1303(a)(1)-BACT]
11. THE OPERATOR SHALL MAINTAIN A FUEL USAGE LOG TO DEMONSTRATE COMPLIANCE WITH CONDITION NO. 9. THE LOG SHALL INCLUDE, AT A MINIMUM, THE DAY OF OPERATION, THE METER READINGS AND THE DAILY FUEL USAGE.
[RULE 1303(a)(1)-BACT]

Emissions And Requirements:

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

VOC: RULE 109
VOC: RULE 1130, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS

**FACILITY PERMIT TO OPERATE
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CO: 2000 PPMV, RULE 407
PM: 0.1 GR/SCF, RULE 109
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE PENN INDUSTRIES, INC.

PERMIT TO OPERATE

Permit No. F96111
A/N 459386

Equipment Description:

LITHOGRAPHIC PRINTING PRESS, HARRIS, MODEL M-110B, 6 COLOR UNIT, WEB OFFSET, WITH A TECH OVEN, MODEL C-2800, 6'-3" W. X 25'-11" L. X 10'-0" H., DIRECT NATURAL GAS FIRED, 3,130,000 BTU/HR, ONE EXHAUST FAN, TWO CIRCULATING AIR FANS, AND ONE COMBUSTION AIR 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. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY CARCINOGENIC COMPOUNDS (I.E. COMPOUNDS LISTED WITH A UNIT RISK FACTOR) IDENTIFIED IN RULE 1401, TABLE 1 WITH AN EFFECTIVE DATE OF DECEMBER 7, 1990 OR EARLIER.
[RULE 1401]
4. THE OPERATOR SHALL IN ACCORDANCE WITH RULE 109 KEEP ADEQUATE RECORDS OF THE FOLLOWING IN ORDER TO VERIFY RULE COMPLIANCE:
 - A. USAGE OF INKS, FOUNTAIN SOLUTIONS INCLUDING WATER, ROLLER WASH, BLANKET WASH, AND ANY OTHER MATERIAL CONTAINING VOC, IN GALLONS/DAY OF EACH MATERIAL.
 - B. DENSITY OF INK IN LBS/GALLON, AND PERCENTAGE BY WEIGHT OF LITHOGRAPHIC OILS IN INK.
 - C. INK ABSORPTION FACTOR AS SPECIFIED BY CURRENT SCAQMD GUIDELINES.
 - D. VOC CONTENT OF FOUNTAIN SOLUTION, WASH MATERIALS, AND ANY OTHER MATERIALS IN LBS/GALLON AS APPLIED INCLUDING WATER.
 - E. VOC EMISSIONS IN LBS/DAY.
[RULE 109, 1303(b)(2)-OFFSET]

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5. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A PERMIT TO OPERATE BY THE DISTRICT.
[RULE 1303(a)(1)-BACT]

6. THE TOTAL QUANTITY OF VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS FROM THE USE OF MATERIALS APPLIED IN THE EQUIPMENT PERMITTED UNDER APPLICATION NOS. 459386, 459387, 459388, 459390, 459391 AND 459512 SHALL NOT EXCEED 11,490 POUNDS IN ANY CALENDAR MONTH.
[RULE 109, 1303(b)(2)-OFFSET]

Emissions And Requirements:

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

VOC: RULE 109
VOC: RULE 1130, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
CO: 2000 PPMV, RULE 407
PM: 0.1 GR/SCF, RULE 409
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

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**Permit No. F96112
A/N 459387**

Equipment Description:

INTERNAL COMBUSTION ENGINE, ALTURDYNE, MODEL NO. WW100, SERIAL NO. 2275, NATURAL GAS FIRED, 4 CYLINDERS, 95 BHP, WITH A NON-SELECTIVE CATALYTIC REDUCTION SYSTEM.

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 EXHAUST FROM THIS EQUIPMENT SHALL BE VENTED THROUGH A NON-SELECTIVE CATALYTIC REDUCTION SYSTEM.
[RULE 1303(a)(1)-BACT]
4. THE TOTAL QUANTITY OF VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS FROM THE USE OF MATERIALS APPLIED IN THE EQUIPMENT PERMITTED UNDER APPLICATION NOS. 459386, 459387, 459388, 459390, 459391 AND 459512 SHALL NOT EXCEED 11,490 POUNDS IN ANY CALENDAR MONTH.
[RULE 109, 1303(b)(2)-OFFSET]

Periodic Monitoring:

5. THE OPERATOR SHALL INSTALL AND MAINTAIN TEMPERATURE GAUGES TO ACCURATELY INDICATE THE TEMPERATURE AT THE INLET AND OUTLET OF THE CATALYST. THE OPERATOR SHALL ALSO INSTALL AND MAINTAIN DEVICES TO CONTINUOUSLY RECORD THE PARAMETERS BEING MEASURED.
[RULE 3004 (a)(4)]
6. THE OPERATOR SHALL CONDUCT SOURCE TEST(S) IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:
 - A. THE TEST SHALL BE CONDUCTED AT LEAST ONCE EVERY THREE YEARS.
 - B. THE TEST SHALL BE CONDUCTED TO DETERMINE COMPLIANCE WITH THE NO_x, CO, AND ROG EMISSION LIMITS.

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- C. THE TEST(S) SHALL BE CONDUCTED WHEN THIS EQUIPMENT IS OPERATING UNDER NORMAL CONDITIONS. THE OPERATOR SHALL COMPLY WITH ALL GENERAL TESTING, REPORTING AND RECORDKEEPING REQUIREMENTS IN SECTIONS E AND K OF THIS PERMIT.
- D. THE TEST SHALL BE CONDUCTED TO DEMONSTRATE COMPLIANCE WITH RULE 1110.2. [RULE 3004(a)(4)]

Emissions And Requirements:

7. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- CO: 2000 PPMV, RULE 1110.2
NOx: 45 PPMV, RULE 1110.2
ROG: 250 PPMV, RULE 1110.2
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE PENN INDUSTRIES, INC.

PERMIT TO OPERATE

Permit No. F96113
A/N 459388

Equipment Description:

LITHOGRAPHIC PRINTING PRESS, HEIDELBERG-HARRIS, MODEL NO. M-8L, 5-COLOR UNIT, WEB-FED, WEB WIDTH 26.5", SERIAL NO. OJ8798, 125 HP MOTOR DRIVE, WITH A THERMO WISCONSIN OVEN, MODEL NO. ATLAS 2700, 6'-3" W. X 27'-0" L. X 7'-9" H., DIRECT NATURAL GAS FIRED, 3,000,000 BTU/HR WITH TWO MAXON 1.5 M CYCLOMAX LOW NOX BURNERS, ONE 5 HP EXHAUST FAN, TWO CIRCULATING AIR FANS (30-HP TOTAL), AND ONE 5 HP COMBUSTION AIR 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. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY CARCINOGENIC COMPOUNDS (I.E. COMPOUNDS LISTED WITH A UNIT RISK FACTOR) IDENTIFIED IN RULE 1401, TABLE 1 WITH AN EFFECTIVE DATE OF DECEMBER 7, 1990 OR EARLIER.
[RULE1401]
4. THE OPERATOR SHALL IN ACCORDANCE WITH RULE 109 KEEP ADEQUATE RECORDS OF THE FOLLOWING IN ORDER TO VERIFY RULE COMPLIANCE:
 - A. USAGE OF INKS, FOUNTAIN SOLUTIONS INCLUDING WATER, ROLLER WASH, BLANKET WASH, AND ANY OTHER MATERIAL CONTAINING VOC, IN GALLONS/DAY OF EACH MATERIAL.
 - B. DENSITY OF INK IN LBS/GALLON, AND PERCENTAGE BY WEIGHT OF LITHOGRAPHIC OILS IN INK.
 - C. INK ABSORPTION FACTOR AS SPECIFIED BY CURRENT SCAQMD GUIDELINES.
 - D. VOC CONTENT OF FOUNTAIN SOLUTION, WASH MATERIALS, AND ANY OTHER MATERIALS IN LBS/GALLON AS APPLIED INCLUDING WATER.
 - E. VOC EMISSIONS IN LBS/DAY.
[RULE 109, 1303(b)(2)-OFFSET]

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5. THE OXIDES OF NITROGEN (NOX) EMISSIONS FROM THE OVEN SHALL NOT EXCEED 30 PPM, CALCULATED AS NO₂, MEASURED BY VOLUME ON A DRY BASIS AT 3% OXYGEN, AND AVERAGED OVER A MINIMUM OF 15 CONSECUTIVE MINUTES.
[RULE 1303(a)(1)-BACT]
6. 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 OPERATE BY THE DISTRICT.
[RULE 1303(a)(1)-BACT]
7. THE TOTAL QUANTITY OF VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS FROM THE USE OF MATERIALS APPLIED IN THE EQUIPMENT PERMITTED UNDER APPLICATION NOS. 459386, 459387, 459388, 459390, 459391 AND 459512 SHALL NOT EXCEED 11,490 POUNDS IN ANY CALENDAR MONTH.
[RULE 109, 1303(b)(2)-OFFSET]

Periodic Monitoring:

8. THE OPERATOR SHALL DETERMINE COMPLIANCE WITH THE NOX EMISSION LIMIT(S) BY CONDUCTING A TEST AT LEAST ONCE EVERY FIVE YEARS USING A PORTABLE ANALYZER AND AQMD-APPROVED TEST METHOD OR, IF NOT AVAILABLE, A NON-AQMD APPROVED TEST METHOD. THE TEST SHALL BE CONDUCTED WHEN THE EQUIPMENT IS OPERATING UNDER NORMAL CONDITIONS TO DEMONSTRATE COMPLIANCE WITH THE BACT CONCENTRATION LIMIT. THE OPERATOR SHALL COMPLY WITH ALL GENERAL TESTING, REPORTING, AND RECORDKEEPING REQUIREMENTS IN SECTIONS E AND K OF THIS PERMIT.
[RULE 3004 (a)(4)]

Emissions And Requirements:

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

VOC: RULE 109
VOC: RULE 1130, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
CO: 2000 PPMV, RULE 407
PM: 0.1 GR/SCF, RULE 409
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
NOx: 30 PPMV, RULE 1303(a)(1)-BACT

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PERMIT TO OPERATE

Permit No. F96114
A/N 459390

Equipment Description:

LITHOGRAPHIC PRINTING LINE CONSISTING OF:

1. PRINTING PRESS, HEIDELBERG, MODEL NO. CD-102-6+LX, 6 COLOR PLUS AQUEOUS COATER, SHEET FED, 40" SHEET WIDTH, 126.6 HP TOTAL DRIVE.
2. INFRARED DRYER, GRAPHIX, 6 LAMPS, 28.8 KW. TOTAL.
3. EIGHT HOT AIR KNIVES, 19.2 KW TOTAL.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE 1, EXCEPT ETHYLENE GLYCOL MONOBUTYL ETHER, DICHLOROBENZENIDE-3,3-, AND POLYCHLORINATED BIPHENYLS, WITH AN EFFECTIVE DATE OF MARCH 17, 2000 OR EARLIER.
[RULE 1401]
4. THE VOC CONTENT OF THE FOUNTAIN SOLUTION USED IN THIS EQUIPMENT SHALL NOT EXCEED 0.30 POUND PER GALLON OF MATERIAL, AS APPLIED, INCLUDING WATER AND EXEMPT SOLVENTS.
[RULE 1303(a)(1)-BACT]
5. THE VOC COMPOSITE PARTIAL PRESSURE OF THE BLANKET AND ROLLER WASHES USED IN THIS EQUIPMENT SHALL NOT EXCEED 5 mmHg @ 20 DEGREES CENTIGRADE.
[RULE 1303(a)(1)-BACT]
6. THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY THE FOLLOWING:
 - A. DENSITY OF EACH INK IN POUNDS PER GALLONS.
 - B. PERCENTAGE BY WEIGHT OF LITHOGRAPHIC OILS IN EACH INK.

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- C. INK ABSORPTION FACTOR AS SPECIFIED BY CURRENT DISTRICT GUIDELINES.
 - D. VOC CONTENT OF FOUNTAIN SOLUTIONS, WASH MATERIALS, AND OTHER MATERIALS USED IN POUNDS PER GALLON AS APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS).
 - E. VOC EMISSIONS IN LBS/DAY FROM THIS EQUIPMENT.
 - F. OTHER DATA AS REQUIRED TO VERIFY COMPLIANCE WITH THE CONDITIONS SPECIFIED IN THIS PERMIT.
[RULE 109, 1303(b)(2)- OFFSET]
7. THE TOTAL QUANTITY OF VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS FROM THE USE OF MATERIALS APPLIED IN THE EQUIPMENT PERMITTED UNDER APPLICATION NOS. 459386, 459387, 459388, 459390, 459391 AND 459512 SHALL NOT EXCEED 11,490 POUNDS IN ANY CALENDAR MONTH.
[RULE 109, 1303(b)(2)-OFFSET]

Emissions And Requirements:

8. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- VOC: RULE 109
 - VOC: RULE 1130, SEE APPENDIX B FOR EMISSION LIMITS
 - VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE PENN INDUSTRIES, INC.

PERMIT TO OPERATE

**Permit No. F96115
A/N 459391**

Equipment Description:

LITHOGRAPHIC PRINTING LINE CONSISTING OF:

1. PRINTING PRESS, BEIREN, MODEL NO. 3840, 6 COLOR, WEB FED, 38" WEB WIDTH.
2. DRYER, MEGTEC SYSTEMS, MODEL COANDA, NATURAL GAS FIRED, TWO 2,930,000 BTU/HR MAXON CYCLOMAX EB3MRV LOW NOX BURNERS.

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 FOUNTAIN SOLUTION USED IN THIS EQUIPMENT SHALL NOT CONTAIN VOLATILE ORGANIC COMPOUNDS (VOC) IN EXCESS OF 8% BY VOLUME AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS.
[RULE 1303(a)(1)-BACT]
4. THE COMPOSITE VAPOR PRESSURE OF THE VOC IN THE BLANKET AND ROLLER WASHES USED IN THIS EQUIPMENT SHALL NOT EXCEED 10 mmHg @ AT 20 DEGREES CENTIGRADE.
[RULE 1303(a)(1)-BACT]
5. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE 1, EXCEPT ISOPROPYL ALCOHOL, XYLENE AND ETHYLENE GLYCOL MONOBUTYL ETHER, WITH AN EFFECTIVE DATE OF MAY 2, 2003 OR EARLIER,
[RULE 1401]
6. IN ADDITION TO THE RECORD KEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS TO VERIFY THE FOLLOWING ON A DAILY BASIS:
 - A. DENSITY OF INK IN LBS/GALLON, AND PERCENTAGE BY WEIGHT OF LITHOGRAPHIC OILS IN INKS.
 - B. INK ABSORPTION FACTOR AS SPECIFIED BY CURRENT SCAQMD GUIDELINES.

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- C. VOC CONTENT OF FOUNTAIN SOLUTION, WASH MATERIALS, AND ANY OTHER MATERIALS IN LBS/GALLON AS APPLIED INCLUDING WATER AND EXEMPT SOLVENTS.
- D. VOC EMISSIONS IN POUNDS.
[RULE 109, 1303(b)(2)-OFFSET]
- 7. 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 OPERATE BY THE DISTRICT.
[RULE 1303(a)(1)-BACT]
- 8. THE TOTAL QUANTITY OF VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS FROM THE USE OF MATERIALS APPLIED IN THE EQUIPMENT PERMITTED UNDER APPLICATION NOS. 459386, 459387, 459388, 459390, 459391 AND 459512 SHALL NOT EXCEED 11,490 POUNDS IN ANY CALENDAR MONTH.
[RULE 109, 1303(b)(2)-OFFSET]

Emissions And Requirements:

- 9. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
 - VOC: RULE 109
 - VOC: RULE 1130, SEE APPENDIX B FOR EMISSION LIMITS
 - VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
 - CO: 2000 PPMV, RULE 407
 - PM: 0.1 GR/SCF, RULE 409
 - PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE PENN INDUSTRIES, INC.

PERMIT TO OPERATE

Permit No. F96116
A/N 459512

Equipment Description:

LITHOGRAPHIC PRINTING PRESS, MITSUBISHI, SHEET-FED, OFFSET, MODEL NO. 3F16-8D, SERIAL NO. 1870, 8 COLOR, 40" SHEET WEB WIDTH, WITH NINE 7 KW INFRARED LAMPS AND SIX 16 KW UV LAMPS.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE 1, EXCEPT AMMONIA, ISOPROPYL ALCOHOL, 2-BUTOXY ETHANOL AND XYLENE, WITH AN EFFECTIVE DATE OF MARCH 4, 2005 OR EARLIER.
[RULE 1401]
4. FOUNTAIN SOLUTIONS USED IN THIS EQUIPMENT SHALL BE 8% VOC BY VOLUME OR LESS, AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS.
[RULE 1303(a)(1)-BACT]
5. THE VOC COMPOSITE PARTIAL PRESSURE OF THE BLANKET AND ROLLER WASHES USED IN THIS EQUIPMENT SHALL NOT EXCEED 10 mmHg @ 20 DEGREES CENTIGRADE.
[RULE 1303(a)(1)-BACT]
6. THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY THE FOLLOWING:
 - A. DENSITY OF EACH INK IN POUNDS PER GALLONS.
 - B. PERCENTAGE BY WEIGHT OF LITHOGRAPHIC OILS IN EACH INK.
 - C. INK ABSORPTION FACTOR AS SPECIFIED BY CURRENT DISTRICT GUIDELINES.
 - D. VOC CONTENT OF FOUNTAIN SOLUTIONS, WASH MATERIALS, AND OTHER MATERIALS USED IN POUNDS PER GALLON AS APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS).

FACILITY PERMIT TO OPERATE PENN INDUSTRIES, INC.

- E. VOC EMISSIONS IN LBS/DAY FROM THIS EQUIPMENT.
 - F. OTHER DATA AS REQUIRED TO VERIFY COMPLIANCE WITH THE CONDITIONS SPECIFIED IN THIS PERMIT.
[RULE 109, 1303(b)(2)- OFFSET]
7. THE TOTAL QUANTITY OF VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS FROM THE USE OF MATERIALS APPLIED IN THE EQUIPMENT PERMITTED UNDER APPLICATION NOS. 459386, 459387, 459388, 459390, 459391 AND 459512 SHALL NOT EXCEED 11,490 POUNDS IN ANY CALENDAR MONTH.
[RULE 109, 1303(b)(2)-OFFSET]

Emissions And Requirements:

8. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- VOC: RULE 109
 - VOC: RULE 1130, SEE APPENDIX B FOR EMISSION LIMITS
 - VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE PENN INDUSTRIES, INC.

PERMIT TO OPERATE

Permit No. F98163
A/N 459965

Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. REGENERATIVE THERMAL OXIDIZER, AWS, MODEL PREMIUM 10000, 14'-0" W. X 36'-0" L. X 10'-0" H. COMBUSTION CHAMBER, DIRECT NATURAL GAS FIRED, 2,900,000 BTU/HR BURNER, WITH TWO CERAMIC BEDS, AND ONE 5 HP COMBUSTION BLOWER.
2. EXHAUST SYSTEM WITH A 60 HP EXHAUST FAN, 10,000 CFM, VENTING THE OVENS OF FIVE HEAT-SET LITHOGRAPHIC PRINTING PRESSES.

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 OPERATOR SHALL OPERATE AND MAINTAIN THIS EQUIPMENT ACCORDING TO THE FOLLOWING REQUIREMENTS:
 - A. THE COMBUSTION CHAMBER TEMPERATURE SHALL BE MAINTAINED AT A MINIMUM OF 1,400 DEGREES FAHRENHEIT WHENEVER THE EQUIPMENT IT SERVES IS IN OPERATION.
 - B. THE OPERATOR SHALL OPERATE AND MAINTAIN A TEMPERATURE MEASURING AND RECORDING SYSTEM TO CONTINUOUSLY MEASURE AND RECORD THE COMBUSTION CHAMBER TEMPERATURE PURSUANT TO THE OPERATION AND MAINTENANCE REQUIREMENTS SPECIFIED IN 40 CFR PART 64.7. SUCH A SYSTEM SHALL HAVE AN ACCURACY OF WITHIN 1% OF THE TEMPERATURE BEING MONITORED AND SHALL BE INSPECTED, MAINTAINED, AND CALIBRATED ON AN ANNUAL BASIS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS USING AN APPLICABLE AQMD OR EPA APPROVED METHOD.
 - C. FOR THE PURPOSE OF THIS CONDITION, A DEVIATION SHALL BE DEFINED AS WHEN A COMBUSTION CHAMBER TEMPERATURE OF LESS THAN 1,400 DEGREES FAHRENHEIT OCCURS DURING NORMAL OPERATION OF THE EQUIPMENT IT SERVES. THE OPERATOR SHALL REVIEW THE RECORDS OF THE COMBUSTION CHAMBER

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TEMPERATURE ON A DAILY BASIS TO DETERMINE IF A DEVIATION OCCURS OR SHALL INSTALL AN ALARM SYSTEM TO ALERT THE OPERATOR WHEN A DEVIATION OCCURS.

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

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

- 4. THE TEMPERATURE INDICATING AND RECORDING SYSTEM SHALL BE IN OPERATION WHENEVER THE EQUIPMENT BEING VENTED TO THE OXIDIZER IS IN OPERATION.
[RULE 1303(a)(1)-BACT]
- 5. THIS EQUIPMENT SHALL BE OPERATED AT A MINIMUM DESTRUCTION EFFICIENCY OF 95% AND A MINIMUM OVERALL CONTROL EFFICIENCY OF 95% WHEN THE BASIC EQUIPMENT IT SERVES IS IN OPERATION.
[RULE 1303(a)(1)-BACT]

Periodic Monitoring:

- 6. THE OPERATOR SHALL CONDUCT SOURCE TEST(S) IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:
 - A. THE TEST SHALL BE CONDUCTED NO LATER THAN JUNE 18, 2010 UNLESS OTHERWISE

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APPROVED IN WRITING BY THE DISTRICT.

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

[RULE 3004(a)(4)]

Emissions And Requirements:

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

FACILITY PERMIT TO OPERATE PENN INDUSTRIES, INC.

PERMIT TO OPERATE

Permit No.
A/N 495784

Equipment Description:

PRINTING PRESS, LITHOGRAPHIC, SANDEN MACHINE, WEB-FED, OFFSET, MODEL NO. QUANTUM 1500XP, SERIAL NO. 1063, 8-COLOR, 27" WEB WIDTH, WITH TEN UV LAMPS, 5200 WATTS TOTAL AND A 150 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. THE TOTAL QUANTITY OF VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS DISCHARGED TO THE ATMOSPHERE FROM THIS EQUIPMENT SHALL NOT EXCEED 900 POUNDS IN ANY CALENDAR MONTH.
[RULE 212]
4. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE 1, EXCEPT ETHYLENE GLYCOL, WITH AN EFFECTIVE DATE OF MARCH 7, 2008 OR EARLIER.
[RULE 1401]
5. FOUNTAIN SOLUTIONS USED IN THIS EQUIPMENT SHALL BE 8% VOC BY VOLUME OR LESS, AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS.
[RULE 1303(a)(1)-BACT]
6. TO ENSURE COMPLIANCE WITH THE EMISSION LIMIT OF THIS PERMIT, THE OPERATOR SHALL:
 - A. IN ADDITION TO THE RECORDKEEPING REQUIREMENTS OF RULE 109, KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY THE DAILY AND MONTHLY VOC EMISSIONS IN POUNDS AND THE VOC CONTENT OF EACH MATERIAL AS APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS).
 - B. WITHIN 14 CALENDAR DAYS AFTER THE END OF EACH MONTH, TOTAL AND RECORD VOC EMISSIONS FOR THE MONTH FROM THIS EQUIPMENT. THE RECORDS SHALL INCLUDE ANY PROCEDURES USED TO ACCOUNT FOR CONTROL DEVICE EFFICIENCIES AND/OR WASTE

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DISPOSAL. IT SHALL BE SIGNED AND CERTIFIED FOR ACCURACY BY THE HIGHEST RANKING INDIVIDUAL RESPONSIBLE FOR COMPLIANCE WITH DISTRICT RULES.

C. MAINTAIN A SINGLE LIST WHICH INCLUDES ONLY THE NAME AND ADDRESS OF EACH PERSON FROM WHOM THE FACILITY ACQUIRED VOC-CONTAINING MATERIAL REGULATED BY THE DISTRICT THAT WAS USED OR STORED AT THE FACILITY DURING THE PRECEDING 12 MONTHS.

D. RETAIN ALL PURCHASE INVOICES FOR ALL VOC-CONTAINING MATERIAL USED OR STORED AT THE FACILITY AND ALL WASTE MANIFESTS FOR ALL WASTE VOC-CONTAINING MATERIAL REMOVED FROM THE FACILITY FOR FIVE YEARS.

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

Emissions And Requirements:

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

VOC: RULE 109
VOC: RULE 1130, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE PENN INDUSTRIES, INC.

RULE 219 EQUIPMENT

Equipment Description:

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

Periodic Monitoring:

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

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

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

[RULE 3004 (a) (4)]

Emissions And Requirements:

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

VOC: RULE 1113, SEE APPENDIX B FOR EMISSION LIMITS

VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS

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RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, HAND WIPING OPERATIONS.

Emissions And Requirements:

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

VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE PENN INDUSTRIES, INC.

RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, BOILER, > 1MMBTU/HR BUT < 2 MMBTU/HR

Emissions And Requirements:

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

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

FACILITY PERMIT TO OPERATE PENN INDUSTRIES, INC.

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 1171, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE PENN INDUSTRIES, INC.

RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, PRINTING 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 1130, SEE APPENDIX B FOR EMISSION LIMITS

VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS