

FACILITY PERMIT TO OPERATE CENVEO ANDERSON LITHOGRAPH

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

| Equipment | ID No. | Connected To | RECLAIM Source Type/ Monitoring Unit | Emissions * And Requirements | Conditions |
|---|--------|--------------|---|--|-------------------------------------|
| Process 1 : LITHOGRAPHIC PRINTING | | | | | |
| System 22 : OFFSET PRINTING NO. 11 | | | | | S2.7 |
| PRINTING PRESS, LITHOGRAPHIC, HEIDELBERG, MODEL NO. CD105-8+X3-UV, 8 COLORS, 40 IN SHEET WIDTH, TECHNOTRANS BETA C-350 CHILLER UNIT A/N: | D101 | D39 | | VOC: (9) [RULE 1130,10-8-1999;RULE 1171,11-7-2003;RULE 1171,2-4-2008] | B59.4, B163.5, H23.2, K67.2, M333.1 |
| COATER, IN-LINE, HEIDELBERG, AQUEOUS A/N: | D102 | D39 | | VOC: (9) [RULE 1130,10-8-1999;RULE 1171,11-7-2003;RULE 1171,2-4-2008] | B59.4, H23.2, K67.2, M333.1 |
| DRYER, I.R. CURING, HEIDELBERG, 125 KW A/N: | D103 | D39 | | | |
| DRYER, U.V. HEIDELBERG, 20 KW A/N: | D104 | D39 | | | |
| System 23 : OFFSET PRINTING NO. 12 | | | | | S2.2 |
| PRINTING PRESS, LITHOGRAPHIC, HEIDELBERG, MODEL NO. CD105-8+X3, 8 COLORS, 40 IN SHEET WIDTH, TECHNOTRANS BETA C-350 CHILLER UNIT A/N: | D105 | D39 | | VOC: (9) [RULE 1130,10-8-1999;RULE 1171,11-7-2003;RULE 1171,2-4-2008] | B59.4, B163.5, H23.2, K67.2, M333.1 |
| COATER, IN-LINE, HEIDELBERG, AQUEOUS A/N: | D106 | D39 | | VOC: (9) [RULE 1130,10-8-1999;RULE 1171,11-7-2003;RULE 1171,2-4-2008] | B59.4, H23.2, K67.2, M333.1 |
| DRYER, I.R. CURING, HEIDELBERG, 125 KW A/N: | D107 | D39 | | | |

* (1)(1A)(1B) Denotes RECLAIM emission factor
 (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5)(5A)(5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

**FACILITY PERMIT TO OPERATE
CENVEO ANDERSON LITHOGRAPH**

SECTION H: DEVICE ID INDEX

**The following sub-section provides an index
to the devices that make up the facility
description sorted by device ID.**

FACILITY PERMIT TO OPERATE CENVEO ANDERSON LITHOGRAPH

SECTION H: DEVICE ID INDEX

| Device Index For Section H | | | |
|----------------------------|--------------------|---------|--------|
| Device ID | Section H Page No. | Process | System |
| D101 | 1 | 1 | 22 |
| D102 | 1 | 1 | 22 |
| D103 | 1 | 1 | 22 |
| D104 | 1 | 1 | 22 |
| D105 | 1 | 1 | 23 |
| D106 | 1 | 1 | 23 |
| D107 | 1 | 1 | 23 |

FACILITY PERMIT TO OPERATE CENVEO ANDERSON LITHOGRAPH

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

FACILITY CONDITIONS

F2.1 The operator shall limit emissions from this facility as follows:

| CONTAMINANT | EMISSIONS LIMIT |
|-------------|--|
| VOC | Less than or equal to 16590 LBS IN ANY ONE MONTH |

To ensure compliance with the monthly Volatile Organic Compound(VOC) emission limit(s) of this condition, the operator shall comply with the following recordkeeping requirements:

- (1) The operator shall comply with Rule 109 (Recordkeeping for Volatile Organic Compound Emissions).
- (2) Within 14 calendar days after the end of each month, the operator shall total and record VOC emissions for the month from all equipment and operations covered by the monthly emission limit(s). The record shall include any procedures used to account for control device efficiencies and/or waste disposal. It shall be signed and certified for accuracy by the highest ranking individual responsible for compliance with District rules.
- (3) 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.
- (4) 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 36 months.

For the purpose of this condition, the VOC emission limit shall be calculated using an overall control efficiency of 90 percent only during the period that the cogeneration system is in operation, for the equipment that are vented to the gas turbine cogeneration system. For the equipment vented to the afterburner, the VOC emissions shall be calculated using the required overall control efficiency specified in the permit for the afterburner.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

SUGGESTED CHAR CONDITION PARAMETER NOT SET UP

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

FACILITY PERMIT TO OPERATE CENVEO ANDERSON LITHOGRAPH

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

F2.2 The operator shall limit emissions from this facility as follows:

| CONTAMINANT | EMISSIONS LIMIT |
|--|--|
| Single Volatile Hazardous Air Pollutant (VHAP) | Less than 10 TONS IN ANY CONSECUTIVE 12-MONTH PERIOD |
| Combination of Volatile Hazardous Air Pollutants (VHAPs) | Less than 25 TONS IN ANY CONSECUTIVE 12-MONTH PERIOD |

To ensure compliance with the 12-month Volatile Hazardous Air Pollutant (VHAP) emission limit(s) of this condition, the operator shall comply with the following recordkeeping requirements:

- (1) The operator shall comply with Rule 109 (Recordkeeping for Volatile Organic Compound Emissions).
- (2) Within 14 calendar days after the end of each month, the operator shall total and record VHAP emissions for the month and for the previous 12 month period from all equipment and operations covered by the 12-month emission limit(s). The record shall include any procedures used to account for control device efficiencies and/or waste disposal. It shall be signed and certified for accuracy by the highest ranking individual responsible for compliance with District rules.
- (3) The operator shall maintain a single list which includes only the name and address of each person from whom the facility acquired VHAP-containing material regulated by the District that was used or stored at the facility during the preceding 12 months.
- (4) The operator shall retain all purchase invoices for all VHAP-containing material used or stored at the facility, and all waste manifests for all waste VHAP-containing material removed from the facility, for five years.

[40CFR 63 Subpart DDDDD, 9-13-2004]

FACILITY PERMIT TO OPERATE CENVEO ANDERSON LITHOGRAPH

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

F9.1 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, 3-2-1984; RULE 401, 11-9-2001]

F14.1 The operator shall not use diesel fuel containing sulfur compounds in excess of 15 ppm by weight as supplied by the supplier.

[RULE 431.2, 5-4-1990; RULE 431.2, 9-15-2000]

PROCESS CONDITIONS

P2.1 The operator shall limit emissions from this process as follows

| CONTAMINANT | EMISSIONS LIMIT |
|-------------|---|
| CO | Less than or equal to 40 LBS IN ANY ONE DAY |
| NOX | Less than or equal to 22 LBS IN ANY ONE DAY |

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Processes subject to this condition : 3]

SYSTEM CONDITIONS

FACILITY PERMIT TO OPERATE CENVEO ANDERSON LITHOGRAPH

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

S2.2 The operator shall limit emissions from this system as follows

| CONTAMINANT | EMISSIONS LIMIT |
|-------------|--|
| VOC | Less than or equal to 176 LBS IN ANY ONE DAY |

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

[RULE 109, 5-2-2003; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 1, System 5 , 13 , 14 , 15 , 23]

S2.3 The operator shall limit emissions from this system as follows

| CONTAMINANT | EMISSIONS LIMIT |
|-------------|--|
| VOC | Less than or equal to 325 LBS IN ANY ONE DAY |

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

[RULE 109, 5-2-2003; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 1, System 7 , 9 , 12 , 21]

FACILITY PERMIT TO OPERATE CENVEO ANDERSON LITHOGRAPH

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

S2.4 The operator shall limit emissions from this system as follows

| CONTAMINANT | EMISSIONS LIMIT |
|-------------|--|
| VOC | Less than or equal to 190 LBS IN ANY ONE DAY |

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

[RULE 109, 5-2-2003; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 1, System 8]

S2.5 The operator shall limit emissions from this system as follows

| CONTAMINANT | EMISSIONS LIMIT |
|-------------|--|
| VOC | Less than or equal to 388 LBS IN ANY ONE DAY |

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

[RULE 109, 5-2-2003; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Systems subject to this condition : Process 1, System 19]

FACILITY PERMIT TO OPERATE CENVEO ANDERSON LITHOGRAPH

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The operator shall comply with the terms and conditions set forth below:

S2.6 The operator shall limit emissions from this system as follows

| CONTAMINANT | EMISSIONS LIMIT |
|-------------|----------------------------------|
| VOC | Less than 274 LBS IN ANY ONE DAY |

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

[**RULE 109, 5-2-2003; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]**

[Systems subject to this condition : Process 1, System 20]

S2.7 The operator shall limit emissions from this system as follows

| CONTAMINANT | EMISSIONS LIMIT |
|-------------|--|
| VOC | Less than or equal to 274 LBS IN ANY ONE DAY |

[**RULE 109, 5-2-2003; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]**

[Systems subject to this condition : Process 1, System 6 , 22]

DEVICE CONDITIONS

B. Material/Fuel Type Limits

FACILITY PERMIT TO OPERATE CENVEO ANDERSON LITHOGRAPH

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

B59.4 The operator shall not use the following material(s) in this device :

Materials containing toxic air contaminants (TAC) identified in Rule 1401, Table 1 with an effective date of March 7, 2008 or earlier, with the exception of:

- a. Vinyl acetate, toluene, xylenes, ethylbenzene, diethanolamine, propylene glycol monomethyl ether, ethylene glycol monomethyl ether, ethylene glycol ethyl ether, ethylene glycol monobutyl ether, ethylene glycol, isopropyl alcohol, hexane, methyl ethyl ketone, methanol, and ammonia.
- b. Any other non carcinogenic TAC provided its concentration in the material is less than 1 percent by weight.
- c. Formaldehyde (CAS # 50-00-0), acetaldehyde (CAS # 75-07-0), benzene (CAS # 71-73-2) and naphthalene (CAS # 91-20-3) provided the concentration of each of the above four compounds in the material is less than 0.1 percent by weight.

[RULE 1401, 3-7-2008]

[Devices subject to this condition : D101, D102, D105, D106]

B163.5 The operator shall only use fountain solution containing the following:

Less than 8 percent VOC by volume, as applied.

[**RULE 1303(a)(1)-BACT, 5-10-1996**; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D101, D105]

H. Applicable Rules

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The operator shall comply with the terms and conditions set forth below:

H23.2 This equipment is subject to the applicable requirements of the following rules or regulations:

| Contaminant | Rule | Rule/Subpart |
|-------------|---------------|--------------|
| VOC | District Rule | 109 |

[RULE 109, 5-2-2003]

[Devices subject to this condition : D101, D102, D105, D106]

K. Record Keeping/Reporting

K67.2 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

usage of inks, fountain solution including water, roller wash, blanket wash, and any other material containing volatile organic compounds (VOC), in gallons/day of each material

density of inks, in pounds/gallon, and percentage by weight of lithographic oils in ink

VOC content of fountain solution, wash materials and any other VOC materials, in pounds/gallon, as applied, including water and percent VOC by volume

emissions, in pounds of VOC/day

ink absorption factor as specified by current AQMD guidelines

compliance with the conditions as specified on this permit

the records shall be kept in a manner approved by the District

[RULE 109, 5-2-2003; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D101, D102, D105, D106]

M. Title V Permit Shield

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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

M333.1 Permit Shield. Notwithstanding the other requirements and conditions in this permit, this device is not subject to the following rule requirement(s):

| Rule | Number/Subpart | Adopted/Amended Date | Non-Applicable Requirement(s) |
|---------------|----------------|----------------------|-------------------------------|
| District Rule | 1128 | 08-mar-1996 | All |

Compliance with the conditions of this Title V permit shall be deemed in compliance with any regulatory requirements applicable as of the date of permit issuance to this device, provided that such regulatory requirements are included and specifically identified in this permit. Nothing in this permit or in any permit shield can alter or affect: (a) under Section 303 of the Federal Clean Air Act, the provisions for emergency orders; (b) the liability of the operator for any violation of applicable requirements prior to or at the time of permit issuance; (c) the applicable requirements of the Acid Rain Program; (d) the ability of EPA to obtain information from the operator pursuant to Section 114 of the Federal Clean Air Act; (e) the applicability of state or local requirements that are not "applicable requirements", as defined in Rule 3000, at the time of permit issuance but which do not apply to the facility, such as toxics requirements unique to the State; or, (f) the applicability of regulatory requirements with compliance dates after the permit issuance date. This permit shield shall not apply to any operational change made pursuant to the operational flexibility provisions of District Rule 3005.

[RULE 3004(c)-Permit Shield, 12-12-1997]

[Devices subject to this condition : D101, D102, D105, D106]