

FACILITY PERMIT TO OPERATE ROYAL PAPER BOX CO

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: PRINTING & DRYING | | | | | |
| System 11: | | | | | |
| PRINTING PRESS, LITHOGRAPHIC, KBA, RAPIDA 106, 7-COLOR, 42-INCH WIDE SHEET-FED, WITH COATER UNIT A/N: | D28 | | | VOC: (9) [RULE 1130, 10-8-1999; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009] | B59.1, B59.3, B59.4, E193.1, H23.1, K67.2 |
| OVEN, I.R. CURING, 72.8 KW A/N: | D29 | | | PM: (9) [RULE 404, 2-7-1986] | |
| OVEN, U.V. CURING, 167.2 KW A/N: | D30 | | | PM: (9) [RULE 404, 2-7-1986] | |

* (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.

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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.**

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SECTION H: DEVICE ID INDEX

| Device Index For Section H | | | |
|-----------------------------------|---------------------------|----------------|---------------|
| Device ID | Section H Page No. | Process | System |
| D28 | 1 | 1 | 11 |
| D29 | 1 | 1 | 11 |
| D30 | 1 | 1 | 11 |

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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 429 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**]

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 burn liquid fuel containing sulfur compounds in excess of 0.05 percent by weight.

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

F14.2 The operator shall not purchase diesel fuel containing sulfur compounds in excess of 15 ppm by weight as supplied by the supplier.

[**RULE 431.2, 9-15-2000**]

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

DEVICE CONDITIONS

B. Material/Fuel Type Limits

B59.1 The operator shall not use the following material(s) in this device :

fountain solution greater than 5 percent VOC by volume, as applied, including water and exempt compounds.

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

[Devices subject to this condition : D28]

B59.3 The operator shall not use the following material(s) in this device :

blanket wash and roller wash materials with composite vapor pressure exceeding 10 mm Hg at 20 degrees C.

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

[Devices subject to this condition : D28]

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

toxic air contaminants identified in SCAQMD Rule 1401, Table I with an effective date of September 10, 2010 or earlier, with the exception of:

ethylene glycol butyl ether (CAS# 111-76-2), ethylene glycol (CAS# 107-21-1), isopropanol (CAS# 67-63-0), ammonia (CAS# 7664-41-7), xylene (CAS# 1330-20-7), acrylic acid (CAS# 79-10-7) and styrene (CAS# 100-42-5)

[RULE 1401, 9-10-2010]

[Devices subject to this condition : D28]

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

E. Equipment Operation/Construction Requirements

E193.1 The operator shall restrict the operation of this equipment as follows:

This equipment shall not be operated simultaneously with the lithographic printing system with Device nos. D18-D20 under A/N 391678

[Devices subject to this condition : D28]

H. Applicable Rules

H23.1 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 : D28]

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):

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

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

Density of inks, in pounds per gallon and percentage by weight of lithographic oils in ink.

VOC content of fountain solution, wash materials and any other materials, in pounds per gallon as applied including water and exempt compounds.

Ink absorption factor as specified by current SCAQMD guidelines.

The VOC emissions from the UV curable inks and coatings shall be calculated using the appropriate VOC emission factor determined pursuant to the current District approved test method. In case no laboratory tested emission factor is available, then an emission factor of 0.05 pound of VOC per pound of ink/coating shall be used.

These records shall be kept in a manner approved in writing by the Executive Officer.

[**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 : D28]