

# Bay Area Air Quality Management District

939 Ellis Street  
San Francisco, CA 94109  
(415) 771-6000

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**Final**

## MAJOR FACILITY REVIEW PERMIT

**Issued To:**

**Ball Metal Beverage Container Corp.  
Facility #A0148**

**Facility Address:**

2400 Huntington Drive  
Fairfield, CA 94533

**Mailing Address:**

9300 West 108<sup>th</sup> Circle  
Broomfield, CO 80021

**Responsible Official**

John Freidary, V.P. of Manufacturing  
(303) 460-5624

**Facility Contact**

Julian Almaraz, Plant Manager  
(707) 437-5411

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**Type of Facility:** Manufacturing  
**Primary SIC:** 3411  
**Product:** 2-Piece Beverage Cans

**BAAQMD Permit Division Contact:**  
Dennis Jang

**ISSUED BY THE BAY AREA AIR QUALITY MANAGEMENT DISTRICT**

\_\_Signed by Ellen Garvey\_\_\_\_\_  
Ellen Garvey, Executive Officer/Air Pollution Control Officer

July 28, 1999  
Date

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## I. STANDARD CONDITIONS

### A. Administrative Requirements

The permit holder shall comply with all applicable requirements in the following regulations:

- BAAQMD Regulation 1 - General Provisions and Definitions  
(as amended by the District Board on 10/7/98);  
SIP Regulation 1 - General Provisions and Definitions  
(as approved by EPA through 9/29/98);  
BAAQMD Regulation 2, Rule 1 - Permits, General Requirements  
(as amended by the District Board on 10/7/98);  
SIP Regulation 2, Rule 1 - Permits, General Requirements  
(as approved by EPA through 1/26/99);  
BAAQMD Regulation 2, Rule 2 - Permits, New Source Review  
(as amended by the District Board on 10/7/98);  
SIP Regulation 2, Rule 2 - Permits, New Source Review and Prevention of Significant Deterioration  
(as approved by EPA through 1/26/99);  
BAAQMD Regulation 2, Rule 4 - Permits, Emissions Banking  
(as amended by the District Board on 10/7/98); and  
SIP Regulation 2, Rule 4 - Permits, Emissions Banking  
(as approved by EPA through 1/26/99).

### B. Conditions to Implement Regulation 2, Rule 6, Major Facility Review

1. This Major Facility Review Permit expires on July 28, 2004. The permit holder shall submit a complete application for renewal of this Major Facility Review Permit no later than January 28, 2004 and no earlier than July 28, 2003. **If a complete application for renewal has not been submitted in accordance with these deadlines, the facility may not operate after July 28, 2004.** (Regulation 2-6-307, 404.2, & 409.6; MOP Volume II, Part 3, §4.2)
2. The permit holder shall comply with all conditions of this permit. The permit consists of this document and all appendices. Any non-compliance with the terms and conditions of this permit will constitute a violation of the law and will be grounds for enforcement action; permit termination, revocation and re-issuance, or modification; or denial of a permit renewal application. (Regulation 2-6-307; MOP Volume II, Part 3, §4.11)
3. In the event any enforcement action is brought as a result of a violation of any term or condition of this permit, the fact that it would have been necessary for the permittee to halt or reduce the permitted activity in order to maintain compliance with such term or condition shall not be a defense to such enforcement action. (MOP Volume II, Part 3, §4.11)

## **I. Standard Conditions**

4. This permit may be modified, revoked, reopened and reissued, or terminated for cause. (Regulation 2-6-307, 409.8, 415; MOP Volume II, Part 3, §4.11)
5. The filing of a request by the facility for a permit modification, revocation and re-issuance, or termination, or of a notification of planned changes or anticipated non-compliance does not stay the applicability of any permit condition. (Regulation 2-6-409.7; MOP Volume II, Part 3, §4.11)
6. This permit does not convey any property rights of any sort, nor any exclusive privilege. (Regulation 2-6-409.7; MOP Volume II, Part 3, §4.11)
7. The permit holder shall supply within 30 days any information that the District requests in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. (Regulation 1-441, Regulation 2-6-409.4 & 501; MOP Volume II, Part 3, §4.11)
8. Any records required to be maintained pursuant to this permit which the permittee considers to contain proprietary or trade secret information shall be prominently designated as such. Copies of any such proprietary or trade secret information which are provided to the District shall be maintained by the District in a locked confidential file, provided, however, that requests from the public for the review of any such information shall be handled in accordance with the District's procedures set forth in Section 11 of the District Administrative Code. (Regulation 2-6-419; MOP Volume II, Part 3, §4.11)
9. Proprietary or trade secret information provided to EPA will be subject to the requirements of 40 CFR Part 2, Subpart B - Public Information, Confidentiality of Business Information. (40 CFR Part 2)
10. The emissions inventory submitted with the application for this Major Facility Review Permit is an estimate of actual emissions for the time period stated and is included only as one means of determining applicable requirements for emission sources. It does not establish, or constitute a basis for establishing, any new emission limitations. (MOP Volume II, Part 3, §4.11)

### **C. Requirement to Pay Fees**

The permit holder shall pay annual fees in accordance with District Regulation 3, including Schedule P. (Regulation 2-6-402 & 409.13, Regulation 3; MOP Volume II, Part 3, §4.12)

### **D. Inspection and Entry**

Access to Facility: The permit holder shall provide reasonable access to the facility and equipment which is subject to this permit to the APCO and/or to his or her designee. (Regulation 1-440, Regulation 2-6-409.3; MOP Volume II, Part 3, §4.14)

### **E. Records**

Notwithstanding the specific wording in any requirement, all records for federally enforceable requirements shall be maintained for at least five years from the date of entry. (Regulation 2-6-501, Regulation 3; MOP Volume II, Part 3, §4.7)

## **I. Standard Conditions**

### **F. Monitoring Reports**

All required monitoring reports must be submitted to the District at least once every six months, except where an applicable requirement specifies more frequent reporting. All instances of non-compliance shall be clearly identified in these reports. The reports shall be certified by the responsible official as true, accurate, and complete. In addition, all instances of non-compliance with the permit shall be reported in writing to the District's Compliance and Enforcement Division within 10 calendar days of the discovery of the incident. Within 30 calendar days of the discovery of any incident of non-compliance, the facility shall submit a written report including the probable cause of non-compliance and any corrective or preventative actions. The reports shall be sent to the following address:

Director of Compliance and Enforcement  
Bay Area Air Quality Management District  
939 Ellis Street  
San Francisco, CA 94109  
Attn: Title V Reports

(Regulation 2-6-502, Regulation 3; MOP Volume II, Part 3, §4.7)

### **G. Compliance Certification**

Compliance certifications shall be submitted annually by the responsible official of this facility to the Bay Area Air Quality Management District and to the Environmental Protection Agency. The certification must list each applicable requirement, the compliance status, whether compliance was continuous or intermittent, the method used to determine compliance, and any other specific information required by the permit. The permit holder may satisfy this requirement through submittal of District-generated Compliance Certification forms. The certification should be directed to the District's Compliance and Enforcement Division at the address above, and a copy of the certification should be sent to the Environmental Protection Agency at the following address:

Director of the Air Division  
USEPA, Region IX  
75 Hawthorne Street  
San Francisco, CA 94105  
Attention: Air-3

(MOP Volume II, Part 3, §4.5 and 4.15)

### **H. Emergency Provisions**

## **I. Standard Conditions**

1. The permit holder may seek relief from enforcement action in the event of a breakdown, as defined by Regulation 1-208 of the District's Rules and Regulations, by following the procedures contained in Regulations 1-431 and 1-432. The District will thereafter determine whether breakdown relief will be granted in accordance with Regulation 1-433. (MOP Volume II, Part 3, §4.8)
2. The permit holder may seek relief from enforcement action for a violation of any of the terms and conditions of this permit caused by conditions beyond the permit holder's reasonable control by applying to the District's Hearing Board for a variance pursuant to Health and Safety Code Section 42350. The Hearing Board will determine after notice and hearing whether variance relief should be granted in accordance with the procedures and standards set forth in Health and Safety Code Section 42350 et seq. Any variance granted by the Hearing Board from any term or condition of this permit which lasts longer than 90 days will be subject to EPA approval. (MOP Volume II, Part 3, §4.8)
3. Notwithstanding the foregoing, the granting by the District of breakdown relief or the issuance by the Hearing Board of a variance will not provide relief from federal enforcement unless the Major Facility Review Permit has been modified pursuant to Regulation 2, Rule 6. (MOP Volume II, Part 3, §4.8)

### **I. Severability**

In the event that any provision of this permit is invalidated by a court or tribunal of competent jurisdiction, or by the Administrator of the EPA, all remaining portions of the permit shall remain in full force and effect. (Regulation 2-6-409.5; MOP Volume II, Part 3, §4.10)

## II. EQUIPMENT

**Table II A - Permitted Sources**

Each of the following sources has been issued a permit to operate pursuant to the requirements of BAAQMD Regulation 2, Permits.

S-#	Description	Make or Type	Model	Capacity
4	Decoration Oven, Line 1 (natural gas)	Midland-Ross	Pin Oven	Unknown
5	Basecoat Oven, Line 2 (natural gas)	Midland-Ross	Pin Oven	Unknown
6	Interior Coating Oven, Line 1 (natural gas)	Midland-Ross	Mat Oven	Unknown
7	Interior Coating Oven, Line 2 (natural gas)	Midland-Ross	Mat Oven	Unknown
12	Printer with Overvarnisher, Line 1	Rutherford	CMC	Unknown
13	Printer with Overvarnisher, Line 2	Rutherford	CMC	Unknown
16	Interior Coating Spray Bank, Line 1	Crown	6PA	Unknown
17	Interior Coating Spray Bank, Line 2	Crown	6PA	Unknown
24	Interior Coating Spray Bank, Line 3	Crown	6PA	Unknown
25	Duo Flo Oven, Line 3 (natural gas)	Midland-Ross	77946	Unknown
26	Base Coater #32, Line 3	Rutherford	CMC	Unknown
27	Printer #31 with Overvarnisher, Line 3	Rutherford	CMP	Unknown
28	Bottom Coater at Printer #31, Line 3	Custom	None	Unknown
31	Fixed-Roof Storage Tank, Overvarnisher	None	None	10,000 gallon
32	Bulk Storage Tank, Interior Coating, Line 1	None	None	3,650 gallon
33	Bulk Storage Tank, Interior Coating, Line 2	None	None	3,650 gallon
34	Bulk Storage Tank, Interior Coating, Line 3	None	None	4,000 gallon

## II. Equipment

**Table II A - Permitted Sources**

Each of the following sources has been issued a permit to operate pursuant to the requirements of BAAQMD Regulation 2, Permits.

S-#	Description	Make or Type	Model	Capacity
35	Wipe Cleaning	None	None	None
44	Cold Cleaner	Custom Made	None	3.75 gallon
45	Cold Cleaner	Custom Made	None	3.75 gallon
46	Cold Cleaner	Custom Made	None	3.75 gallon
51	Basecoater, Line 2	Rutherford	CMC	Unknown
52	Bottom Coater, Line 2	Belvac	BU-86T	Unknown
53	Decoration Oven, Line 2 (natural gas)	Feco	None	Unknown
54	Basecoater #31, Line 3	Rutherford	CMC 800	Unknown
55	Bottom Coater at Basecoater #31, Line 3	Belvac	BU-86T	Unknown
56	Basecoat Oven #31, Line 3	OSI	None	Unknown
57	Bottom Coater at Basecoater #32, Line 3	Belvac	BU-86T	Unknown
58	Basecoat Oven #32, Line 3 (natural gas)	Custom Made	None	None
59	Bottom Coater at Printer #32, Line 3	Belvac	BV-86T	Unknown
60	Printer #32 with Overvarnisher, Line 3	Rutherford	CD-2	Unknown
61	Interior Coating Oven, Line 3 (natural gas)	MOCO	None	None
62	Bottom Coater, Line 1	Belvac	BU-86T	None



## II. Equipment

**Table II B – Abatement Devices**

<b>A-#</b>	<b>Description</b>	<b>Source(s) Controlled</b>	<b>Applicable Requirement</b>	<b>Operating Parameters</b>	<b>Limit or Efficiency</b>
A-3	Baghouse	S-16, S-17	District Regulation 6-310	None	0.15 gr/dscf
A-4	Baghouse	S-24	District Regulation 6-310	None	0.15 gr/dscf
A-5	Regenerative Thermal Oxidizer	S-4, S-5, S-6, S-7, S-25, S-53, S-56, S-58, & S-61	District Condition #9904	Minimum operating temperature of 1200°F	POC Control (Destruction ) efficiency of 95% by weight

### III. GENERALLY APPLICABLE REQUIREMENTS

The permit holder shall comply with all applicable requirements, including those specified in the BAAQMD and SIP Rules and Regulations and other federal requirements cited below. These requirements apply in a general manner to the facility and/or to sources exempt from the requirement to obtain a District Permit to Operate. The District has determined that these requirements would not be violated under normal, routine operations, and that no additional periodic monitoring or reporting to demonstrate compliance is warranted. In cases where a requirement, in addition to being generally applicable, is also specifically applicable to one or more sources, the requirement and the source are also included in Section IV, Source-Specific Applicable Requirements, of this permit.

The dates in parenthesis in the Title column identify the versions of the regulations being cited and are, as applicable:

1. BAAQMD regulation(s): The date(s) of adoption or most recent amendment of the regulation by the District Board
2. Any federal requirement, including a version of a District regulation that has been approved into the SIP: The most recent date of EPA approval of any portion of the rule, encompassing all actions on the rule through that date

Where an applicable requirement is a SIP requirement, the full language of the SIP requirement is included in Appendix A of this permit.

**NOTE:**

There are differences between the current BAAQMD rule and the version of the rule in the SIP. For specific information, contact the District's Rule Development Section of the Enforcement Division. All sources must comply with both versions of the rule until US EPA has reviewed and approved (or disapproved) the District's revision of the regulation.

**Table III  
Generally Applicable Requirements**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)
BAAQMD Regulation 1	General Provisions and Definitions (10/7/98)	N
SIP Regulation 1	General Provisions and Definitions (9/29/98)	Y <sup>1</sup>
BAAQMD Regulation 4	Air Pollution Episode Plan (3/20/91)	N

### III. Generally Applicable Requirement

**Table III  
Generally Applicable Requirements**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>
SIP Regulation 4	Air Pollution Episode Plan (8/06/90)	Y <sup>1</sup>
BAAQMD Regulation 5	Open Burning (11/24/94)	Y
BAAQMD Regulation 6	Particulate Matter and Visible Emissions (12/19/90)	Y
BAAQMD Regulation 7	Odorous Substances (3/17/82)	N
BAAQMD Regulation 8, Rule 1	Organic Compounds - General Provisions (6/15/94)	Y
BAAQMD Regulation 8, Rule 3	Organic Compounds - Architectural Coatings (12/20/95)	Y
BAAQMD Regulation 8, Rule 49	Organic Compounds - Aerosol Paint Products (12/20/95)	N
SIP Regulation 8, Rule 49	Organic Compounds - Aerosol Paint Products (3/22/95)	Y <sup>1</sup>
BAAQMD Regulation 11, Rule 2	Hazardous Pollutants - Asbestos Demolition, Renovation and Manufacturing (12/4/91)	Y
BAAQMD Regulation 12, Rule 4	Miscellaneous Standards of Performance - Sandblasting (7/11/90)	Y

- <sup>1</sup> This section has been removed from BAAQMD Regulations because it has been superseded. Nevertheless, the source must comply with this regulation until US EPA has reviewed and approved (or disapproved) the District's revision of the regulation.

#### IV. SOURCE-SPECIFIC APPLICABLE REQUIREMENTS

The permit holder shall comply with all applicable requirements, including those specified in the BAAQMD and SIP Rules and Regulations and other federal requirements cited below. The requirements cited in the following tables apply in a specific manner to the indicated source(s).

The dates in parenthesis in the Title column identify the versions of the regulations being cited and are, as applicable:

1. BAAQMD regulation(s): The date(s) of adoption or most recent amendment of the regulation by the District Board
2. Any federal requirement, including a version of a District regulation that has been approved into the SIP: The most recent date of EPA approval of any portion of the rule, encompassing all actions on the rule through that date

The full text of each permit condition cited is included in Section VI, Permit Conditions, of this permit. Additionally, where an applicable requirement is a SIP requirement, the full language of the SIP requirement is included in Appendix A of this permit. All other text may be found in the regulations themselves.

**Table IV - A**  
**Source-specific Applicable Requirements**  
**S-4 DECORATION OVEN, LINE 1**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
<b>BAAQMD Regulation 8, Rule 11</b>	<b>Metal Container, Closure and Coil Coating (11/19/97)</b>		
8-11-301	Metal Container or Closure Coating Limitations		
8-11-301.3	Two-piece can exterior basecoat, overvarnish, and end coating	Y	
8-11-301.10	Inks, all applications	N	
8-11-302	Emission Control Device Limitation for Metal Container or Closure Coatings	Y	
8-11-305	Alternative Emission Control Plan	Y	
8-11-306	Surface Preparation and Cleanup Solvent	Y	
8-11-402	Operation and Maintenance Plan	Y	
8-11-501	Coating Records	Y	
8-11-503	Alternative Emission Control Plan Records	Y	
8-11-504	Afterburner Temperature, Monitoring	Y	

## IV. Source-Specific Applicable Requirements

**Table IV – A**  
**Source-specific Applicable Requirements**  
**S-4 DECORATION OVEN, LINE 1**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
<b>SIP Regulation 8, Rule 11</b>	<b>Metal Container, Closure and Coil Coating (12/23/97)</b>		
8-11-301	Metal Container or Closure Coating Limitations	Y1	
8-11-301.9	Inks, all applications	Y	
<b>BAAQMD Condition #9904</b>			
Part 1	Minimum A-5 RTO Combustion Chamber Temperature (basis: cumulative increase)	Y	
Part 4	Allowable Combustion Chamber Temperature Excursions (basis: Regulation 2-1-403)	Y	
Part 5	Temperature Excursion Records (basis: Regulation 2-1-403)	Y	
Part 6	Temperature Excursion Definition (basis: Regulation 2-1-403)	Y	
Part 7	Limitation on Bypass of A-5 RTO (basis: cumulative increase)	Y	
Part 8	Minimum POC Mass Emission Collection (basis: cumulative increase)	Y	
Part 10	A-5 RTO POC Control Efficiency (basis: cumulative increase)	Y	
Part 12	A-5 RTO Abatement Requirement (basis: cumulative increase)	Y	
Part 14	Limitation on annual POC emissions from ink and overvarnish usage (basis: cumulative increase)	Y	

## IV. Source-Specific Applicable Requirements

**Table IV – B  
Source-specific Applicable Requirements  
S-5 BASECOAT OVEN, LINE 2**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
<b>BAAQMD Regulation 8, Rule 11</b>	<b>Metal Container, Closure and Coil Coating (11/19/97)</b>		
8-11-301	Metal Container or Closure Coating Limitations		
8-11-301.3	Two-piece can exterior basecoat, overvarnish, and end coating	Y	
8-11-302	Emission Control Device Limitation for Metal Container or Closure Coatings	Y	
8-11-305	Alternative Emission Control Plan	Y	
8-11-306	Surface Preparation and Cleanup Solvent	Y	
8-11-402	Operation and Maintenance Plan	Y	
8-11-501	Coating Records	Y	
8-11-503	Alternative Emission Control Plan Records	Y	
8-11-504	Afterburner Temperature, Monitoring	Y	
<b>BAAQMD Condition #9904</b>			
Part 1	Minimum A-5 RTO Combustion Chamber Temperature (basis: cumulative increase)	Y	
Part 4	Allowable Combustion Chamber Temperature Excursions (basis: Regulation 2-1-403)	Y	
Part 5	Temperature Excursion Records (basis: Regulation 2-1-403)	Y	
Part 6	Temperature Excursion Definition (basis: Regulation 2-1-403)	Y	
Part 7	Limitation on Bypass of A-5 RTO (basis: cumulative increase)	Y	
Part 10	A-5 RTO POC Control Efficiency (basis: cumulative increase)	Y	
Part 22	Limitation on annual POC emissions (basis: cumulative increase)	Y	
Part 23	POC Emission Calculation Methodology (basis: cumulative	Y	

#### IV. Source-Specific Applicable Requirements

**Table IV – B  
Source-specific Applicable Requirements  
S-5 BASECOAT OVEN, LINE 2**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
	increase)		
Part 25	Recordkeeping (basis: Regulation 2-6-501)	Y	
<b>BAAQMD Condition #14836</b>			
Part 2	A-5 Regenerative Thermal Oxidizer Abatement Requirement (basis: cumulative increase)	Y	

**Table IV – C  
Source-specific Applicable Requirements  
S-6 INTERIOR COATING OVEN, LINE 1**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
<b>BAAQMD Regulation 8, Rule 11</b>	<b>Metal Container, Closure and Coil Coating (11/19/97)</b>		
8-11-301	Metal Container or Closure Coating Limitations		
8-11-301.4.1	Interior body spray, Two-piece cans	N	
8-11-302	Emission Control Device Limitation for Metal Container or Closure Coatings	Y	
8-11-305	Alternative Emission Control Plan	Y	
8-11-306	Surface Preparation and Cleanup Solvent	Y	
8-11-402	Operation and Maintenance Plan	Y	
8-11-501	Coating Records	Y	
8-11-503	Alternative Emission Control Plan Records	Y	
8-11-504	Afterburner Temperature, Monitoring	Y	

#### IV. Source-Specific Applicable Requirements

**Table IV – C**  
**Source-specific Applicable Requirements**  
**S-6 INTERIOR COATING OVEN, LINE 1**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
<b>SIP Regulation 8, Rule 11</b>	<b>PROVISIONS NO LONGER IN CURRENT RULE</b> Metal Container, Closure and Coil Coating (11/19/97)		
8-11-301	Metal Container or Closure Coating Limitations	Y <sup>1</sup>	
8-11-301.4	Interior body spray; two piece can exterior end spray	Y <sup>1</sup>	
<b>BAAQMD Condition #9904</b>			
Part 1	Minimum A-5 RTO Combustion Chamber Temperature (basis: cumulative increase)	Y	
Part 4	Allowable Combustion Chamber Temperature Excursions (basis: Regulation 2-1-403)	Y	
Part 5	Temperature Excursion Records (basis: Regulation 2-1-403)	Y	
Part 6	Temperature Excursion Definition (basis: Regulation 2-1-403)	Y	
Part 7	Limitation on Bypass of A-5 RTO (basis: cumulative increase)	Y	
Part 8	Minimum POC Mass Emission Collection (basis: cumulative increase)	Y	
Part 10	A-5 RTO POC Control Efficiency (basis: cumulative increase)	Y	
Part 13	Limitation on annual POC emissions (basis: cumulative increase)	Y	
Part 15	POC Emission Calculation Methodology (basis: cumulative increase)	Y	
Part 17	Recordkeeping (Regulation 2-6-501)	Y	

**Table IV – D**  
**Source-specific Applicable Requirements**  
**S-12 PRINTER WITH OVERVARNISHER, LINE 1**



#### IV. Source-Specific Applicable Requirements

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
<b>BAAQMD Regulation 8, Rule 11</b>	<b>Metal Container, Closure and Coil Coating (11/19/97)</b>		
8-11-301	Metal Container or Closure Coating Limitations		
8-11-301.3	Two-piece can exterior basecoat, overvarnish, and end coating	Y	
8-11-301.10	Inks, all applications	N	
8-11-305	Alternative Emission Control Plan	Y	
8-11-306	Surface Preparation and Cleanup Solvent	Y	
8-11-501	Coating Records	Y	
8-11-503	Alternative Emission Control Plan Records	Y	
<b>SIP Regulation 8, Rule 11</b>	<b>Metal Container, Closure and Coil Coating (12/23/97)</b>		
8-11-301	Metal Container or Closure Coating Limitations	Y <sup>1</sup>	
8-11-301.9	Inks, all applications	Y <sup>1</sup>	
<b>BAAQMD Condition #9904</b>			
Part 14	Limitation on annual POC emissions from ink and overvarnish usage (basis: cumulative increase)	Y	
Part 17	POC Emission Calculation Methodology	Y	

**Table IV – E**  
**Source-specific Applicable Requirements**  
**S-13 PRINTER WITH OVERVARNISHER, LINE 2**  
**S-27 PRINTER #31 WITH OVERVARNISHER, LINE 3**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
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## IV. Source-Specific Applicable Requirements

**Table IV – E**  
**Source-specific Applicable Requirements**  
**S-13 PRINTER WITH OVERVARNISHER, LINE 2**  
**S-27 PRINTER #31 WITH OVERVARNISHER, LINE 3**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
<b>BAAQMD Regulation 8, Rule 11</b>	<b>Metal Container, Closure and Coil Coating (11/19/97)</b>		
8-11-301	Metal Container or Closure Coating Limitations		
8-11-301.3	Two-piece can exterior basecoat, overvarnish, and end coating	Y	
8-11-301.10	Inks, all applications	N	
8-11-305	Alternative Emission Control Plan	Y	
8-11-306	Surface Preparation and Cleanup Solvent	Y	
8-11-501	Coating Records	Y	
8-11-503	Alternative Emission Control Plan Records	Y	
<b>SIP Regulation 8, Rule 11</b>	<b>Metal Container, Closure and Coil Coating (12/23/97)</b>		
8-11-301	Metal Container or Closure Coating Limitations	Y <sup>1</sup>	
8-11-301.9	Inks, all applications	Y <sup>1</sup>	
<b>BAAQMD Condition #9904</b>			
Part 26	Limitation on annual POC emissions from overvarnish usage (basis: cumulative increase)	Y	
Part 27	Limitation on annual POC emissions from ink usage (basis: cumulative increase)	Y	
Part 28	POC Emission Calculation Methodology (basis: cumulative increase)	Y	
Part 29	POC Emission Calculation Methodology (basis: cumulative increase)	Y	
Part 31	Recordkeeping (Regulation 2-6-501)	Y	

## IV. Source-Specific Applicable Requirements

**Table IV – F  
Source-specific Applicable Requirements  
S-16 INTERIOR COATING SPRAY BANK, LINE 1**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
<b>BAAQMD Regulation 8, Rule 11</b>	<b>Metal Container, Closure and Coil Coating (11/19/97)</b>		
8-11-301	Metal Container or Closure Coating Limitations		
8-11-301.4.1	Interior body spray, Two-piece cans	N	
8-11-305	Alternative Emission Control Plan	Y	
8-11-306	Surface Preparation and Cleanup Solvent	Y	
8-11-501	Coating Records	y	
8-11-503	Alternative Emission Control Plan Records	y	
<b>SIP Regulation 8, Rule 11</b>	<b>PROVISIONS NO LONGER IN CURRENT RULE Metal Container, Closure and Coil Coating (11/19/97)</b>		
8-11-301	Metal Container or Closure Coating Limitations	Y <sup>1</sup>	
8-11-301.4	Interior body spray; two piece can exterior end spray	Y <sup>1</sup>	
<b>BAAQMD Condition #9904</b>			
Part 13	Limitation on annual POC emissions (basis: cumulative increase)	Y	
Part 15	POC Emission Calculation Methodology (basis: cumulative increase)	Y	
<b>BAAQMD Condition #16289</b>			
Part 1	Abatement requirement (basis: Regulation 6-301)	Y	
Part 2	Pressure Drop Monitor (basis: Regulation 2-1-403)	Y	
Part 3	Baghouse Inspection (basis: Regulation 2-1-403)	Y	
Part 4	Recordkeeping (basis: Regulation 1-441)	Y	

## IV. Source-Specific Applicable Requirements

**Table IV – G**  
**Source-specific Applicable Requirements**  
**S-7 INTERIOR COATING OVEN, LINE 2**  
**S-61 INTERIOR COATING OVEN, LINE 3**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
<b>BAAQMD Regulation 8, Rule 11</b>	<b>Metal Container, Closure and Coil Coating (11/19/97)</b>		
8-11-301	Metal Container or Closure Coating Limitations		
8-11-301.4.1	Interior body spray, Two-piece cans	N	
8-11-302	Emission Control Device Limitation for Metal Container or Closure Coatings	Y	
8-11-305	Alternative Emission Control Plan	Y	
8-11-306	Surface Preparation and Cleanup Solvent	Y	
8-11-402	Operation and Maintenance Plan	Y	
8-11-501	Coating Records	Y	
8-11-503	Alternative Emission Control Plan Records	Y	
8-11-504	Afterburner Temperature, Monitoring	Y	
<b>SIP Regulation 8, Rule 11</b>	<b>PROVISIONS NO LONGER IN CURRENT RULE</b> <b>Metal Container, Closure and Coil Coating (11/19/97)</b>		
8-11-301	Metal Container or Closure Coating Limitations	Y <sup>1</sup>	
8-11-301.4	Interior body spray; two piece can exterior end spray	Y <sup>1</sup>	
<b>40 CFR 60</b>	<b>Standards of Performance for New Stationary Sources (12/31/71)</b>		
Subpart A	General Provisions	Y	
60.4(a)	Reports to EPA	Y	
60.4(b)	Reports to EPA and District	Y	
60.7(a)	Written notification	Y	
60.7(b)	Records	Y	
60.8	Performance Tests	Y	
60.9	Availability of Information	Y	
60.11(a)	Compliance with standards and maintenance requirements	Y	
60.11(d)	Minimizing emissions	Y	
60.12	Circumvention	Y	

## IV. Source-Specific Applicable Requirements

**Table IV – G**  
**Source-specific Applicable Requirements**  
**S-7 INTERIOR COATING OVEN, LINE 2**  
**S-61 INTERIOR COATING OVEN, LINE 3**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
60.19	General notification and reporting requirements	Y	
Subpart WW	Standards of Performance for the Beverage Can Surface Coating Industry (8/25/83)		
60.492 (a)	Standards for volatile organic compounds	Y	
60.493	Performance test and compliance provisions	Y	
60.495	Reporting and recordkeeping requirements	Y	
<b>BAAQMD Condition #9904</b>			
Part 1	Minimum A-5 RTO Combustion Chamber Temperature (basis: cumulative increase)	Y	
Part 4	Allowable Combustion Chamber Temperature Excursions (basis: Regulation 2-1-403)	Y	
Part 5	Temperature Excursion Records (basis: Regulation 2-1-403)	Y	
Part 6	Temperature Excursion Definition (basis: Regulation 2-1-403)	Y	
Part 7	Limitation on Bypass of A-5 RTO (basis: cumulative increase)	Y	
Part 8	Minimum POC Mass Emission Collection (basis: cumulative increase)	Y	
Part 10	A-5 RTO POC Control Efficiency (basis: cumulative increase)	Y	
Part 18	Limitation on annual POC emissions (basis: cumulative increase)	Y	
Part 19	Emission Calculation Methodology (basis: cumulative increase)	Y	
Part 20	Abatement Requirement (basis: cumulative increase)	Y	
Part 21	Recordkeeping (basis: Regulation 2-6-501)	Y	

## IV. Source-Specific Applicable Requirements

**Table IV – H**  
**Source-specific Applicable Requirements**  
**S-17 INTERIOR COATING SPRAY BANK, LINE 2**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
<b>BAAQMD Regulation 8, Rule 11</b>	<b>Metal Container, Closure and Coil Coating (11/19/97)</b>		
8-11-301	Metal Container or Closure Coating Limitations		
8-11-301.4.1	Interior body spray, Two-piece cans	N	
8-11-305	Alternative Emission Control Plan	Y	
8-11-306	Surface Preparation and Cleanup Solvent	Y	
8-11-501	Coating Records	y	
8-11-503	Alternative Emission Control Plan Records	y	
<b>SIP Regulation 8, Rule 11</b>	<b>PROVISIONS NO LONGER IN CURRENT RULE</b> <b>Metal Container, Closure and Coil Coating (11/19/97)</b>		
8-11-301	Metal Container or Closure Coating Limitations	Y <sup>1</sup>	
8-11-301.4	Interior body spray; two piece can exterior end spray	Y <sup>1</sup>	
<b>BAAQMD Condition #9904</b>			
Part 18	Limitation on annual POC emissions (basis: cumulative increase)	y	
Part 19	Emission Calculation Methodology (basis: cumulative increase)	y	
Part 20	Abatement Requirement (basis: cumulative increase)	y	
Part 21	Recordkeeping (basis: Regulation 2-6-501)	y	
<b>BAAQMD Condition #16289</b>			
Part 1	Abatement requirement (basis: Regulation 6-301)	y	
Part 2	Pressure Drop Monitor (basis: Regulation 2-1-403)	y	
Part 3	Baghouse Inspection (basis: Regulation 2-1-403)	y	

## IV. Source-Specific Applicable Requirements

**Table IV – H**  
**Source-specific Applicable Requirements**  
**S-17 INTERIOR COATING SPRAY BANK, LINE 2**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
Part 4	Recordkeeping (basis: Regulation 1-441)	Y	

**Table IV – I**  
**Source-specific Applicable Requirements**  
**S-24 INTERIOR COATING SPRAY BANK, LINE 3**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
<b>BAAQMD Regulation 8, Rule 11</b>	<b>Metal Container, Closure and Coil Coating (11/19/97)</b>		
8-11-301	Metal Container or Closure Coating Limitations		
8-11-301.4.1	Interior body spray, Two-piece cans	N	
8-11-305	Alternative Emission Control Plan	Y	
8-11-306	Surface Preparation and Cleanup Solvent	Y	
8-11-501	Coating Records	Y	
8-11-503	Alternative Emission Control Plan Records	Y	
<b>SIP Regulation 8, Rule 11</b>	<b>PROVISIONS NO LONGER IN CURRENT RULE</b> <b>Metal Container, Closure and Coil Coating (11/19/97)</b>		
8-11-301.4	Interior body spray; two piece can exterior end spray	Y <sup>1</sup>	
<b>BAAQMD Condition #9904</b>			
Part 18	Limitation on annual POC emissions (basis: cumulative increase)	Y	

#### IV. Source-Specific Applicable Requirements

**Table IV – I**  
**Source-specific Applicable Requirements**  
**S-24 INTERIOR COATING SPRAY BANK, LINE 3**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
Part 19	POC Emission Calculation Methodology (basis: cumulative increase)	Y	
Part 21	Recordkeeping (Regulation 2-6-501)	Y	
<b>BAAQMD Condition #16291</b>			
Part 1	Abatement requirement (basis: Regulation 6-301)	Y	
Part 2	Pressure Drop Monitor (basis: Regulation 2-1-403)	Y	
Part 3	Baghouse Inspection (basis: Regulation 2-1-403)	Y	
Part 4	Recordkeeping (basis: Regulation 1-441)	Y	

**Table IV – J**  
**Source-specific Applicable Requirements**  
**S-25 DUO FLO OVEN, LINE 3**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
<b>BAAQMD Regulation 8, Rule 11</b>	<b>Metal Container, Closure and Coil Coating (11/19/97)</b>		
8-11-301	Metal Container or Closure Coating Limitations		
8-11-301.3	Two-piece can exterior basecoat, overvarnish, and end coating	Y	
8-11-301.10	Inks, all applications	N	
8-11-302	Emission Control Device Limitation for Metal Container or Closure Coatings	Y	
8-11-305	Alternative Emission Control Plan	Y	
8-11-306	Surface Preparation and Cleanup Solvent	Y	



#### IV. Source-Specific Applicable Requirements

**Table IV – J  
Source-specific Applicable Requirements  
S-25 DUO FLO OVEN, LINE 3**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
8-11-402	Operation and Maintenance Plan	Y	
8-11-501	Coating Records	Y	
8-11-503	Alternative Emission Control Plan Records	Y	
8-11-504	Afterburner Temperature, Monitoring	Y	
<b>SIP Regulation 8, Rule 11</b>	<b>Metal Container, Closure and Coil Coating (12/23/97)</b>		
8-11-301	Metal Container or Closure Coating Limitations	Y <sup>1</sup>	
8-11-301.9	Inks, all applications	Y <sup>1</sup>	
<b>BAAQMD Condition #9904</b>			
Part 1	Minimum A-5 RTO Combustion Chamber Temperature (basis: cumulative increase)	Y	
Part 4	Allowable Combustion Chamber Temperature Excursions (basis: Regulation 2-1-403)	Y	
Part 5	Temperature Excursion Records (basis: Regulation 2-1-403)	Y	
Part 6	Temperature Excursion Definition (basis: Regulation 2-1-403)	Y	
Part 7	Limitation on Bypass of A-5 RTO (basis: cumulative increase)	Y	
Part 8	Minimum POC Mass Emission Collection (basis: cumulative increase)	Y	
Part 10	A-5 RTO POC Control Efficiency (basis: cumulative increase)	Y	
Part 26	Limitation on annual POC emissions from overvarnish usage (basis: cumulative increase)	Y	
Part 27	Limitation on annual POC emissions from ink usage (basis: cumulative increase)	Y	
Part 28	POC Emission Calculation Methodology (basis: cumulative increase)	Y	
Part 29	POC Emission Calculation Methodology (basis: cumulative increase)	Y	
Part 30	Abatement Requirement (basis: cumulative increase)	Y	
Part 31	Recordkeeping (Regulation 2-6-501)	Y	

#### IV. Source-Specific Applicable Requirements

**Table IV – K  
Source-specific Applicable Requirements  
S-26 BASECOATER #32, LINE 3**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
<b>BAAQMD Regulation 8, Rule 11</b>	<b>Metal Container, Closure and Coil Coating (11/19/97)</b>		
8-11-301	Metal Container or Closure Coating Limitations		
8-11-301.3	Two-piece can exterior basecoat, overvarnish, and end coating	Y	
8-11-305	Alternative Emission Control Plan	Y	
8-11-306	Surface Preparation and Cleanup Solvent	Y	
8-11-501	Coating Records	Y	
8-11-503	Alternative Emission Control Plan Records	Y	
<b>BAAQMD Condition #9904</b>			
Part 22	Limitation on annual POC emissions (basis: cumulative increase)	Y	
Part 23	POC Emission Calculation Methodology (basis: cumulative increase)	Y	
Part 25	Recordkeeping (basis: Regulation 2-6-501)	Y	

**Table IV – L  
Source-specific Applicable Requirements  
S-28 BOTTOM COATER AT PRINTER #31, LINE 3**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
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#### IV. Source-Specific Applicable Requirements

**Table IV – L**  
**Source-specific Applicable Requirements**  
**S-28 BOTTOM COATER AT PRINTER #31, LINE 3**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
<b>BAAQMD Regulation 8, Rule 11</b>	<b>Metal Container, Closure and Coil Coating (11/19/97)</b>		
8-11-301	Metal Container or Closure Coating Limitations		
8-11-301.3	Two-piece can exterior basecoat, overvarnish, and end coating	Y	
8-11-305	Alternative Emission Control Plan	Y	
8-11-306	Surface Preparation and Cleanup Solvent	Y	
8-11-501	Coating Records	Y	
8-11-503	Alternative Emission Control Plan Records	Y	
<b>BAAQMD Condition #9904</b>			
Part 26	Limitation on POC emissions (basis: cumulative increase)	Y	
Part 28	POC Emission Calculation Methodology (basis: cumulative increase)	Y	
Part 31	Recordkeeping (basis: Regulation 2-6-501)	Y	

**Table IV – M**  
**Source-specific Applicable Requirements**  
**S-35 WIPE CLEANING OPERATION**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
<b>BAAQMD Regulation 8, Rule 11</b>	<b>Metal Container, Closure and Coil Coating (11/19/97)</b>		
8-11-306	Surface Preparation and Cleanup Solvent	Y	

#### IV. Source-Specific Applicable Requirements

**Table IV – M**  
**Source-specific Applicable Requirements**  
**S-35 WIPE CLEANING OPERATION**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
8-11-501	Coating Records	Y	
<b>BAAQMD Condition #1701</b>			
Part 1	Annual POC emission limitation (basis: cumulative increase)	Y	
Part 2	Recordkeeping (basis: cumulative increase)	Y	

**Table IV – N**  
**Source-specific Applicable Requirements**  
**S-44 COLD CLEANER**  
**S-45 COLD CLEANER**  
**S-46 COLD CLEANER**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
<b>BAAQMD Regulation 8, Rule 16</b>	<b>Solvent Cleaning Operations (9/16/98)</b>		
8-16-303	Cold Cleaner Requirements	N	
8-16-501	Solvent Records	N	
<b>SIP Regulation 8, Rule 16</b>	<b>Solvent Cleaning Operations (12/9/94)</b>		
8-16-303	Cold Cleaner Requirements	Y <sup>1</sup>	
8-16-501	Solvent Records	Y <sup>1</sup>	

## IV. Source-Specific Applicable Requirements

**Table IV – O**  
**Source-specific Applicable Requirements**  
**S-51 BASECOATER, LINE 2**  
**S-54 BASECOATER #31, LINE 3**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
<b>BAAQMD Regulation 8, Rule 11</b>	<b>Metal Container, Closure and Coil Coating (11/19/97)</b>		
8-11-301	Metal Container or Closure Coating Limitations		
8-11-301.3	Two-piece can exterior basecoat, overvarnish, and end coating	Y	
8-11-305	Alternative Emission Control Plan	Y	
8-11-306	Surface Preparation and Cleanup Solvent	Y	
8-11-501	Coating Records	Y	
8-11-503	Alternative Emission Control Plan Records	Y	
<b>40 CFR 60</b>	<b>Standards of Performance for New Stationary Sources (12/31/71)</b>		
Subpart A	General Provisions	Y	
60.4(a)	Reports to EPA	Y	
60.4(b)	Reports to EPA and District	Y	
60.7(a)	Written notification	Y	
60.7(b)	Records	Y	
60.8	Performance Tests	Y	
60.9	Availability of Information	Y	
60.11(a)	Compliance with standards and maintenance requirements	Y	
60.11(d)	Minimizing emissions	Y	
60.12	Circumvention	Y	
60.19	General notification and reporting requirements	Y	
Subpart W W	Standards of Performance for the Beverage Can Surface Coating Industry (8/25/83)		
60.492 (a)	Standards for volatile organic compounds	Y	
60.493	Performance test and compliance provisions	Y	
60.495	Reporting and recordkeeping requirements	Y	

<b>BAAQMD Condition</b>			
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#### IV. Source-Specific Applicable Requirements

**Table IV – O**  
**Source-specific Applicable Requirements**  
**S-51 BASECOATER, LINE 2**  
**S-54 BASECOATER #31, LINE 3**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
#9904			
Part 22	Limitation on annual POC emissions (basis: cumulative increase)	Y	
Part 23	POC Emission Calculation Methodology (basis: cumulative increase)	Y	
Part 25	Recordkeeping (basis: Regulation 2-6-501)	Y	

**Table IV – P**  
**Source-specific Applicable Requirements**  
**S-53 DECORATION OVEN, LINE 2**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
<b>BAAQMD Regulation 8, Rule 11</b>	<b>Metal Container, Closure and Coil Coating (11/19/97)</b>		
8-11-301	Metal Container or Closure Coating Limitations		
8-11-301.3	Two-piece can exterior basecoat, overvarnish, and end coating	Y	
8-11-302	Emission Control Device Limitation for Metal Container or Closure Coatings	Y	
8-11-305	Alternative Emission Control Plan	Y	
8-11-306	Surface Preparation and Cleanup Solvent	Y	
8-11-402	Operation and Maintenance Plan	Y	
8-11-501	Coating Records	Y	
8-11-503	Alternative Emission Control Plan Records	Y	
8-11-504	Afterburner Temperature, Monitoring	Y	

## IV. Source-Specific Applicable Requirements

**Table IV – P**  
**Source-specific Applicable Requirements**  
**S-53 DECORATION OVEN, LINE 2**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
<b>40 CFR 60</b>	<b>Standards of Performance for New Stationary Sources (12/31/71)</b>		
Subpart A	General Provisions	Y	
60.4(a)	Reports to EPA	Y	
60.4(b)	Reports to EPA and District	Y	
60.7(a)	Written notification	Y	
60.7(b)	Records	Y	
60.8	Performance Tests	Y	
60.9	Availability of Information	Y	
60.11(a)	Compliance with standards and maintenance requirements	Y	
60.11(d)	Minimizing emissions	Y	
60.12	Circumvention	Y	
60.19	General notification and reporting requirements	Y	
Subpart W W	Standards of Performance for the Beverage Can Surface Coating Industry (8/25/83)		
60.492 (a)	Standards for volatile organic compounds	Y	
60.493	Performance test and compliance provisions	Y	
60.495	Reporting and recordkeeping requirements	Y	
<b>BAAQMD Condition #9904</b>			
Part 1	Minimum A-5 RTO Combustion Chamber Temperature (basis: cumulative increase)	Y	
Part 4	Allowable Combustion Chamber Temperature Excursions (basis: Regulation 2-1-403)	Y	
Part 5	Temperature Excursion Records (basis: Regulation 2-1-403)	Y	
Part 6	Temperature Excursion Definition (basis: Regulation 2-1-403)	Y	
Part 7	Limitation on Bypass of A-5 RTO (basis: cumulative increase)	Y	
Part 8	Minimum POC Mass Emission Collection (basis: cumulative increase)	Y	

#### IV. Source-Specific Applicable Requirements

**Table IV – P**  
**Source-specific Applicable Requirements**  
**S-53 DECORATION OVEN, LINE 2**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
Part 10	A-5 RTO POC Control Efficiency (basis: cumulative increase)	Y	
Part 29	Limitation on annual POC emissions due to ink usage (basis: Cumulative increase)	Y	

**Table IV – Q**  
**Source-specific Applicable Requirements**  
**S-56 BASECOAT OVEN #31, LINE 3**  
**S-58 BASECOAT OVEN #32, LINE 3**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
<b>BAAQMD Regulation 8, Rule 11</b>	<b>Metal Container, Closure and Coil Coating (11/19/97)</b>		
8-11-301	Metal Container or Closure Coating Limitations		
8-11-301.3	Two-piece can exterior basecoat, overvarnish, and end coating	Y	
8-11-302	Emission Control Device Limitation for Metal Container or Closure Coatings	Y	
8-11-305	Alternative Emission Control Plan	Y	
8-11-306	Surface Preparation and Cleanup Solvent	Y	
8-11-402	Operation and Maintenance Plan	Y	
8-11-501	Coating Records	Y	
8-11-503	Alternative Emission Control Plan Records	Y	
<b>40 CFR 60</b>	<b>Standards of Performance for New Stationary Sources (12/31/71)</b>		
Subpart A	General Provisions	Y	
60.4(a)	Reports to EPA	Y	
60.4(b)	Reports to EPA and District	Y	
60.7(a)	Written notification	Y	



## IV. Source-Specific Applicable Requirements

**Table IV – Q**  
**Source-specific Applicable Requirements**  
**S-56 BASECOAT OVEN #31, LINE 3**  
**S-58 BASECOAT OVEN #32, LINE 3**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
60.7(b)	Records	Y	
60.8	Performance Tests	Y	
60.9	Availability of Information	Y	
60.11(a)	Compliance with standards and maintenance requirements	Y	
60.11(d)	Minimizing emissions	Y	
60.12	Circumvention	Y	
60.19	General notification and reporting requirements	Y	
Subpart W W	Standards of Performance for the Beverage Can Surface Coating Industry (8/25/83)		
60.492 (a)	Standards for volatile organic compounds	Y	
60.493	Performance test and compliance provisions	Y	
60.495	Reporting and recordkeeping requirements	Y	
<b>BAAQMD Condition #9904</b>			
Part 1	Minimum A-5 RTO Combustion Chamber Temperature (basis: cumulative increase)	Y	
Part 4	Allowable Combustion Chamber Temperature Excursions (basis: Regulation 2-1-403)	Y	
Part 5	Temperature Excursion Records (basis: Regulation 2-1-403)	Y	
Part 6	Temperature Excursion Definition (basis: Regulation 2-1-403)	Y	
Part 7	Limitation on Bypass of A-5 RTO (basis: cumulative increase)	Y	
Part 8	Minimum POC Mass Emission Collection (basis: cumulative increase)	Y	
Part 10	A-5 RTO POC Control Efficiency (basis: cumulative increase)	Y	
Part 22	Limitation on annual POC emissions from Basecoat (basis: cumulative increase)	Y	
Part 23	Basecoat POC Emission Calculation Methodology (basis: cumulative increase)	Y	

#### IV. Source-Specific Applicable Requirements

**Table IV – Q**  
**Source-specific Applicable Requirements**  
**S-56 BASECOAT OVEN #31, LINE 3**  
**S-58 BASECOAT OVEN #32, LINE 3**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
Part 25	Recordkeeping (basis: Regulation 2-6-501)	Y	
Part 26	Limitation on annual POC emissions from overvarnish and bottomcoating (basis: cumulative increase)	Y	
Part 28	Overvarnish and Bottomcoat POC Emission Calculation Methodology (basis: cumulative increase)	Y	
Part 30	Abatement Requirement (basis: cumulative increase)	Y	
Part 31	Recordkeeping (basis: Regulation 2-6-501)	Y	

**Table IV – R**  
**Source-specific Applicable Requirements**  
**S-52 BOTTOM COATER, LINE 2**  
**S-55 BOTTOM COATER AT BASECOATER #31, LINE 3**  
**S-57 BOTTOM COATER AT BASECOATER #32, LINE 3**  
**S-59 BOTTOM COATER AT PRINTER #32, LINE 3**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
<b>BAAQMD Regulation 8, Rule 11</b>	<b>Metal Container, Closure and Coil Coating (11/19/97)</b>		
8-11-301	Metal Container or Closure Coating Limitations		
8-11-301.3	Two-piece can exterior basecoat, overvarnish, and end coating	Y	
8-11-305	Alternative Emission Control Plan	Y	
8-11-306	Surface Preparation and Cleanup Solvent	Y	
8-11-501	Coating Records	Y	
8-11-503	Alternative Emission Control Plan Records	Y	
<b>40 CFR 60</b>	<b>Standards of Performance for New Stationary Sources</b>		

## IV. Source-Specific Applicable Requirements

**Table IV – R**  
**Source-specific Applicable Requirements**  
**S-52 BOTTOM COATER, LINE 2**  
**S-55 BOTTOM COATER AT BASECOATER #31, LINE 3**  
**S-57 BOTTOM COATER AT BASECOATER #32, LINE 3**  
**S-59 BOTTOM COATER AT PRINTER #32, LINE 3**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
	(12/31/71)		
Subpart A	General Provisions	Y	
60.4(a)	Reports to EPA	Y	
60.4(b)	Reports to EPA and District	Y	
60.7(a)	Written notification	Y	
60.7(b)	Records	Y	
60.8	Performance Tests	Y	
60.9	Availability of Information	Y	
60.11(a)	Compliance with standards and maintenance requirements	Y	
60.11(d)	Minimizing emissions	Y	
60.12	Circumvention	Y	
60.19	General notification and reporting requirements	Y	
Subpart WW	Standards of Performance for the Beverage Can Surface Coating Industry (8/25/83)		
60.492 (b)	Standards for volatile organic compounds	Y	
60.493	Performance test and compliance provisions	Y	
60.495	Reporting and recordkeeping requirements	Y	
<b>BAAQMD Condition #9904</b>			
Part 26	Limitation on POC emissions from Overvarnish and Bottomcoat (basis: cumulative increase)	Y	
Part 28	Overvarnish and Bottomcoat POC Emission Calculation Methodology (basis: cumulative increase)	Y	
Part 31	Recordkeeping (basis: Regulation 2-6-501)	Y	

## IV. Source-Specific Applicable Requirements

**Table IV – S  
Source-specific Applicable Requirements  
S-60 PRINTER #32 WITH OVERVARNISHER, LINE 3**

<b>Applicable Requirement</b>	<b>Regulation Title or Description of Requirement</b>	<b>Federally Enforceable (Y/N)</b>	<b>Future Effective Date</b>
<b>BAAQMD Regulation 8, Rule 11</b>	<b>Metal Container, Closure and Coil Coating (11/19/97)</b>		
8-11-301	Metal Container or Closure Coating Limitations		
8-11-301.3	Two-piece can exterior basecoat, overvarnish, and end coating	Y	
8-11-301.10	Inks, all applications	N	
8-11-305	Alternative Emission Control Plan	Y	
8-11-306	Surface Preparation and Cleanup Solvent	Y	
8-11-501	Coating Records	Y	
8-11-503	Alternative Emission Control Plan Records	Y	
<b>SIP Regulation 8, Rule 11</b>	<b>Metal Container, Closure and Coil Coating (12/23/97)</b>		
8-11-301	Metal Container or Closure Coating Limitations	Y <sup>1</sup>	
8-11-301.9	Inks, all applications	Y <sup>1</sup>	
<b>40 CFR 60</b>	<b>Standards of Performance for New Stationary Sources (12/31/71)</b>		
Subpart A	General Provisions	Y	
60.4(a)	Reports to EPA	Y	
60.4(b)	Reports to EPA and District	Y	
60.7(a)	Written notification	Y	
60.7(b)	Records	Y	
60.8	Performance Tests	Y	
60.9	Availability of Information	Y	
60.11(a)	Compliance with standards and maintenance requirements	Y	
60.11(d)	Minimizing emissions	Y	
60.12	Circumvention	Y	
60.19	General notification and reporting requirements	Y	
Subpart W W	Standards of Performance for the Beverage Can Surface Coating Industry (8/25/83)		
60.492 (b)	Standards for volatile organic compounds	Y	

#### IV. Source-Specific Applicable Requirements

**Table IV – S  
Source-specific Applicable Requirements  
S-60 PRINTER #32 WITH OVERVARNISHER, LINE 3**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
60.493	Performance test and compliance provisions	Y	
60.495	Reporting and recordkeeping requirements	Y	
<b>BAAQMD Condition #9904</b>			
Part 26	Limitation on annual POC emissions from overvarnish usage (basis: cumulative increase)	Y	
Part 27	Limitation on annual POC emissions from ink usage (basis: cumulative increase)		
Part 28	Overvarnish POC Emission Calculation Methodology (basis: cumulative increase)	Y	
Part 29	Ink POC Emission Calculation Methodology (basis: cumulative increase)	Y	
Part 31	Recordkeeping (basis: Regulation 2-6-501)	Y	

**Table IV – T  
Source-specific Applicable Requirements  
S-62 BOTTOM COATER, LINE 1**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
<b>BAAQMD Regulation 8, Rule 11</b>	<b>Metal Container, Closure and Coil Coating (11/19/97)</b>		
8-11-301	Metal Container or Closure Coating Limitations		
8-11-301.3	Two-piece can exterior basecoat, overvarnish, and end coating	Y	

#### IV. Source-Specific Applicable Requirements

**Table IV – T  
Source-specific Applicable Requirements  
S-62 BOTTOM COATER, LINE 1**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
8-11-305	Alternative Emission Control Plan	Y	
8-11-306	Surface Preparation and Cleanup Solvent	Y	
8-11-501	Coating Records	Y	
8-11-503	Alternative Emission Control Plan Records	Y	
<b>40 CFR 60</b>	<b>Standards of Performance for New Stationary Sources (12/31/71)</b>		
Subpart A	General Provisions	Y	
60.4(a)	Reports to EPA	Y	
60.4(b)	Reports to EPA and District	Y	
60.7(a)	Written notification	Y	
60.7(b)	Records	Y	
60.8	Performance Tests	Y	
60.9	Availability of Information	Y	
60.11(a)	Compliance with standards and maintenance requirements	Y	
60.11(d)	Minimizing emissions	Y	
60.12	Circumvention	Y	
60.19	General notification and reporting requirements	Y	
Subpart WW	Standards of Performance for the Beverage Can Surface Coating Industry (8/25/83)		
60.492 (b)	Standards for volatile organic compounds	Y	
60.493	Performance test and compliance provisions	Y	
60.495	Reporting and recordkeeping requirements	Y	

<b>BAAQMD Condition #9904</b>			
Part 14	Limitation on POC emissions (basis: cumulative increase)	Y	
Part 15	Overvarnish/Bottomcoat POC Emission Calculation Methodology	Y	

## IV. Source-Specific Applicable Requirements

**Table IV – T**  
**Source-specific Applicable Requirements**  
**S-62 BOTTOM COATER, LINE 1**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
	(basis: cumulative increase)		
<b>BAAQMD Condition #14836</b>			
Part 1	Limitation on POC Emissions from Overvarnish/Bottomcoat Application (basis: cumulative increase)	Y	
Part 4	Recordkeeping (basis: Regulation 2-6-501)	Y	

- 1 This section has been removed from BAAQMD Regulations because it has been superseded. Nevertheless, the source must comply with this regulation until US EPA has reviewed and approved (or disapproved) the District's revision of the regulation.

## V. SCHEDULE OF COMPLIANCE

The permit holder shall comply with all applicable requirements cited in this permit. The permit holder shall also comply with applicable requirements that become effective during the term of this permit.

## VI. PERMIT CONDITIONS

Any condition that is preceded by an asterisk is not federally enforceable.

### **Condition #1701**

For S-35 Wipe Cleaning Operation

1. Total POC emissions resulting from clean-up solvent usage associated with S-12 through S-17, S-24 through S-28, S-35, S-41 through S-46, S-51, S-52, S-54, S-55, S-57, S-59, and S-60 shall not exceed 16.830 tons totaled over any consecutive twelve month period. (basis: cumulative increase)
2. The total POC emissions resulting from clean-up solvent usage associated with the sources cited in condition #1 shall be recorded on a monthly basis in a District-approved log. These records shall be retained on site for a minimum of five years from the date of entry and made available to District personnel upon request. (basis: cumulative increase)

### **Condition #9904**

Facility-Wide Permit Conditions

1. A minimum combustion chamber temperature of 1400 degrees Fahrenheit shall be maintained at A-5 Regenerative Thermal Oxidizer whenever POC emissions are being abated. This minimum temperature may be changed to reflect source test results upon written approval of the APCO. The location and type of the thermocouples used to monitor the combustion chamber temperature shall be subject to the review and approval of the District Source Test Section. (basis: cumulative increase)



## VI. Permit Conditions

### Condition #9904

2. The combustion chamber temperature of the A-5 RTO shall be monitored and recorded on a continuous basis. (basis: cumulative increase)
3. A-5 RTO combustion chamber temperature records shall be retained on site for a minimum of five years from the date of entry. (basis: cumulative increase)
4. The temperature limit in part 11 shall not apply during an "Allowable Temperature Excursion", provided that the temperature controller setpoint complies with the temperature limit. An Allowable Temperature Excursion is one of the following:
  - a. A temperature excursion not exceeding 20 degrees F; or
  - b. A temperature excursion for a period or periods which when combined are less than or equal to 15 minutes in any hour; or
  - c. A temperature excursion for a period or periods which when combined are more than 15 minutes in any hour, provided that all three of the following criteria are met.
    - i. the excursion does not exceed 50 degrees F;
    - ii. the duration of the excursion does not exceed 24 hours; and
    - iii. the total number of such excursions does not exceed 12 per calendar year (or any consecutive 12 month period).

Two or more excursions greater than 15 minutes in duration occurring during the same 24-hour period shall be counted as one excursion toward the 12 excursion limit. (basis: Regulation 2-1-403)

5. For each Allowable Temperature Excursion that exceeds 20 degrees F. and 15 minutes in duration, the Permit Holder shall keep sufficient records to demonstrate that they meet the qualifying criteria described above. Records shall be retained for a minimum of five years from the date of entry, and shall be made available to the District upon request. Records shall include at least the following information:
  - a. Temperature controller setpoint;
  - b. Starting date and time, and duration of each Allowable Temperature Excursion;
  - c. Measured temperature during each Allowable Temperature Excursion;
  - d. Number of Allowable Temperature Excursions per month, and total number for the current calendar year; and
  - e. All strip charts or other temperature records.

## VI. Permit Conditions

(basis: Regulation 2-1-403)

### Condition #9904

6. For the purposes of parts 14 and 15, a temperature excursion refers only to temperatures below the limit.
7. The total time allowed for the bypassing of A-5 RTO for the purposes of planned maintenance according to manufacturer's recommendations shall not exceed 240 hours totaled over any consecutive twelve month period. Such bypassing shall not occur on any day which is projected by the District to exceed the State standard for ozone of 75 on the Pollution Standards Index (PSI) or is designated by the District as a "Spare the Air Day". Ball Metal Beverage Container Corporation shall call 1-800-HELP-AIR at 4:30 PM on the day before the planned A-5 bypass day to determine if the following day is designated as a "Spare the Air Day". (basis: cumulative increase)
8. The total POC emissions captured from S-6 and S-4 and abated by A-5 shall be greater than or equal to the difference between the total POC emissions from sources 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, & 61 and the total POC emissions captured from sources 7, 53, 56, 58, & 61 and abated by A-5 during any consecutive twelve month period. For the purposes of this condition, 40% by weight of POC emissions due to basecoat, overvarnish, bottomcoat, and ink usage are attributed to the applicator source and 60% by weight of POC emissions are attributed to the corresponding curing oven source. In the case of internal coating, 50% by weight of POC emissions are attributed to the applicator source and 50% by weight are attributed to the corresponding curing oven source. (basis: offsets)
9. Ball Metal Beverage Container Corporation shall install totalizing flow meters on internal coating, overvarnish, bottomcoating, and basecoating bulk storage systems to monitor coating type and usage (in gallons). Ink usage shall be monitored by weight. (basis: cumulative increase)
10. The POC control (destruction) efficiency of A-5 Regenerative Thermal Oxidizer shall be at least 95% by weight when abating sources 4, 5, 6, 7, 25, 53, 56, 58, and 61. (basis: cumulative increase)
11. If deemed necessary by the District Permit Services Division, Ball Metal Container shall perform a District-approved source test of A-5 RTO under worst-case organic loading to verify compliance with condition #10. Ball Metal Container shall submit a source test protocol to the District Permit Services Division and Source Test Section at least one month prior to the source test date. The protocol shall include, but not be limited to, the following:

## VI. Permit Conditions

- a. Plans specifying the location and type of the A-5 combustion chamber

### Condition #9904

temperature thermocouples

- b. Location of source test sampling ports
- c. Test method for determination of POC destruction efficiency

(basis: cumulative increase)

#### Line #1: Source of Precursor Organic Compound (POC) Offsets

For S-4, S-6, S-12, S-16, & S-62

12. S-6 Line #1 Internal Coating Oven and S-4 Line #1 Deco Oven shall be abated by A-5 Regenerative Thermal Oxidizer (RTO), Salem-Engelhard whenever coated cans are being cured in S-4 and/or S-6 except when A-5 RTO is out of operation due to normal, planned maintenance activities as recommended by the manufacturer. (basis: cumulative increase)
13. Total combined POC (precursor organic compound) emissions (excluding POC emissions from clean-up solvent usage) from S-6 Line #1 Internal Coating Oven and S-16 Line #1 Internal Coating Spray Bank, prior to abatement, shall not exceed 119 tons during any consecutive twelve month period. (basis: cumulative increase)
14. Total combined POC emissions (excluding POC emissions due to clean-up solvent usage) from S-4 Line #1 Deco Oven, S-12 Line #1 Printer with Overvarnish, and S-62 Line #1 bottomcoater, prior to abatement, shall not exceed 47.37 tons during any consecutive twelve month period. (basis: cumulative increase)
15. Total combined POC emissions from the internal coating application and curing process at S-6 and S-16 and the overvarnish/bottomcoating application and curing process at S-4, S-12, and S-62, prior to abatement, shall be calculated from the coating density (pounds per gallon), the coating weight percent VOC content as applied (weight percent), and the net coating usage (gallons/month) as follows:

Tons of POC emissions, prior to abatement =

(pounds of coating/gallon of coating) X (coating weight percent VOC content) X (gallons of coating used) X (ton/2000 pounds)

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(basis: cumulative increase)

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16. Total combined POC emissions from the ink application and curing process at S-4 and S-12, prior to abatement, shall be calculated from the ink weight percent VOC content as-applied (weight percent), and the net ink usage (pounds/month) as follows:

Tons of POC emissions, prior to abatement =

(ink weight percent VOC content) X (pounds of ink used) X (ton/2000 pounds)

(basis: cumulative increase)

17. The owner/operator of S-6 and S-4 shall maintain records of Line #1 hours of operation, POC emissions from S-6 and S-4, and A-5 maintenance "downtime" on a monthly basis in a District-approved log. These records shall be retained on-site for a minimum of two years from the date of entry and made available to District representatives upon request. (basis: BAAQMD Regulation 2-6-501)

### Lines 2 and 3 Internal Coating Operations

For S-7, S-17, S-24, and S-61

18. Total combined POC emissions (excluding POC emissions due to clean-up solvent usage) from S-17 Line #2 Internal Coating Spray Bank, S-7 Line #2 Internal Coating Oven, S-24 Line #3 Internal Coating Spray Bank, and S-61 Line #3 Internal Coating Oven, prior to abatement shall not exceed 288.12 tons during any consecutive twelve month period. (basis: cumulative increase)

19. Total combined POC emissions (excluding POC emissions due to clean-up solvent usage) from the internal coating application and curing process at S-7, S-17, S-24, and S-61, prior to abatement, shall be calculated from the internal coating density (pounds per gallon), the coating weight percent VOC content as-applied (weight percent), and the net coating usage (gallons/month) as follows:

Tons of POC emissions, prior to abatement =

(pounds of coating/gallon of coating) X (coating weight percent VOC content) X (gallons of coating used) X (ton/2000 pounds)

(basis: cumulative increase)

20. S-7 Line #2 Internal Coating Oven and S-61 Line #3 Internal Coating Oven shall be abated by A-5 Regenerative Thermal Oxidizer, Salem-Engelhard whenever coated cans are being cured in S-7 and/or S-61 except when A-5 RTO is not in operation

## VI. Permit Conditions

### Condition #9904

due to normal, planned maintenance activities as recommended by the manufacturer.  
(basis: cumulative increase)

21. The owner/operator of S-7, S-17, S-24, and S-61 shall maintain records of the data described in condition #19, total POC emissions, and the total hours of A-5 maintenance downtime on a monthly basis in a District-approved log. These records shall be retained on-site for a minimum of two years from the date of entry and made available to District representatives upon request. (basis: BAAQMD Regulation 2-6-501)

Lines 2 & 3 Basecoating Operations

For S-5, S-51, S-26, S-54, S-56, & S-58

22. Total combined POC emissions (excluding POC emissions due to cleanup solvent usage) from S-26 Basecoater #32, S-54 Basecoater #31, S-51 Line #2 Basecoater, and S-56 Basecoat Oven #31, S-58 Basecoat Oven #32, and S-5 Line #2 Basecoat Oven, prior to abatement, shall not exceed 64.7 tons during any consecutive twelve month period. (basis: cumulative increase)
23. Total combined POC emissions (excluding POC emissions due to clean-up solvent usage) from the basecoating application and curing process at S-5, S-51, S-26, S-54, S-56, & S-58, prior to abatement, shall be calculated from the coating density (pounds per gallon), the coating weight percent VOC content, as-applied (weight percent), and the net coating usage (gallons) as follows:  
$$\text{Tons of POC emissions, prior to abatement} =$$
$$(\text{pounds of coating/gallon of coating}) \times (\text{coating weight percent VOC content}) \times$$
$$(\text{gallons of coating used}) \times (\text{ton}/2000 \text{ pounds})$$

(basis: cumulative increase)
24. S-56 Basecoat Oven #31 and S-58 Basecoat Oven #32 shall be abated by A-5 Regenerative Thermal Oxidizer whenever coated cans are being cured at S-56 and/or S-58 except when A-5 RTO is not in operation due to normal, planned maintenance activities as recommended by the manufacturer. (basis: cumulative increase)
25. The owner/operator of S-5, S-51, S-26, S-54, S-56, & S-58 shall maintain records of POC emissions, the data described in condition #24, and the total hours of A-5 maintenance downtime on a monthly basis in a District-approved log. These records shall be retained on-site for a minimum of two years from the date of entry and made available to District representatives upon request. (basis: BAAQMD Regulation 2-6-

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### Condition #9904

Lines 2 & 3 Ink, Overvarnish, and Bottomcoating Operations

For S-13, S-25, S-27, S-28, S-52, S-53, S-55, S-56, S-57, S-58, S-59, & S-60

26. Total combined POC emissions (excluding POC emissions due to clean-up solvent usage) from S-13, S-25, S-27, S-28, S-52, S-53, S-55, S-56, S-57, S-58, S-59, & S-60 due to overvarnish and bottomcoating usage, prior to abatement, shall not exceed 83.31 tons during any consecutive twelve month period.  
(basis: cumulative increase)
27. Total combined POC emissions from S-13, S-25, S-27, S-53, & S-60 due to ink usage, prior to abatement, shall not exceed 31.35 tons during any consecutive twelve month period. (basis: cumulative increase)
28. The total combined POC emissions (excluding POC emissions due to clean-up solvent usage) from the bottomcoating and overvarnish application and curing process at S-13, S-25, S-27, S-28, S-52, S-53, S-55, S-56, S-57, S-58, S-59, & S-60, prior to abatement, shall be calculated from the coating density (pounds per gallon), the coating weight percent VOC content, as-applied (weight percent), and the net coating usage (gallons) as follows:  
Tons of POC emissions, prior to abatement =  
(pounds of coating/gallon of coating) X (coating weight percent VOC content) X  
(gallons of coating used) X (ton/2000 pounds)  
(basis: cumulative increase)
29. The total combined POC emissions (excluding POC emissions due to clean-up solvent usage) from ink application and curing process at S-13, S-25, S-27, S-53, & S-60, prior to abatement, shall be calculated from the ink weight percent VOC content, as-applied (weight percent), and the net ink usage (pounds) as follows:  
Tons of POC emissions, prior to abatement =  
(ink weight percent VOC content) X (pounds of ink used) X (ton/2000 pounds)  
(basis: cumulative increase)
30. S-25 Line #3 Dual Flow Oven, S-53 Line #2 Deco Oven, S-56 Line #2 Basecoat Oven 31, S-58 Line #2 Basecoat Oven 32 shall be abated by A-5 Regenerative Thermal Oxidizer (RTO) whenever coated cans are being cured at these sources except when A-5 RTO is not in operation due to normal, planned maintenance

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activities as recommended by the manufacturer. (basis: cumulative increase)

### Condition #9904

31. The owner/operator of S-13, S-25, S-27, S-28, S-52, S-53, S-55, S-56, S-57, S-58, S-59, & S-60 shall maintain records of POC emissions, the data described in condition #30, and the total hours of A-5 maintenance downtime on a monthly basis in a District-approved log. These records shall be retained on-site for a minimum of two years from the date of entry and made available to District representatives upon request. (basis: BAAQMD Regulation 2-6-501)

### Condition #14836

For S-5 & S-62

1. Total POC emissions due to bottomcoating (overvarnish) application at S-62, prior to abatement shall not exceed 4.45 tons totaled over any consecutive twelve month period. Monthly POC emissions shall be calculated as follows:  
Monthly POC Emissions, prior to abatement (ton/month) =  
Bottomcoating Usage (gallons/month) X Coating VOC Content, As-Applied (lb VOC/gal) X 1 ton/2000 pounds  
(basis: cumulative increase)
2. S-5 Basecoat Oven Line 2 shall be vented to the properly operating A-5 Regenerative Thermal Oxidizer (RTO) whenever coated cans are being cured at S-5 except when A-5 is out of operation due to normal, planned maintenance activities as recommended by the manufacturer. (basis: cumulative increase)
3. The total time allowed for the bypassing of A-5 RTO for the purposes of planned maintenance activities in accordance with manufacturer's recommendations shall not exceed 240 hours totaled over any consecutive twelve month period. Such bypassing shall not occur on any day which is projected by the District to exceed the State standard for ozone of 75 on the pollution standards index (PSI) or is designated by the District as a "Spare the Air Day". Ball Metal Beverage Container Corporation shall place a telephone call to 1-800-HELP-AIR at 4:30 P.M. on the day before any planned maintenance day to determine if the following day is designated as a "Spare the Air Day". (basis: cumulative increase)
4. The owner/operator of S-62 shall maintain records of bottomcoating usage, type, and VOC content on a monthly basis in a District-approved log. These records shall be



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retained on-site for a minimum of five years from the date of entry and made available to District personnel upon request. (basis: BAAQMD Regulation 2-6-501)

## VI. Permit Conditions

### Condition #16289

For S-16 Line 1 Interior Coating Spray Bank and S-17 Line 2 Interior Coating Spray Bank

1. Particulate matter emissions from S-16 and S-17 shall be abated by A-3 Baghouse whenever S-16 and/or S-17 are in operation. (basis: Regulation 6-301)
2. Within 90 days of issuance of the Title V permit, the baghouse, A-3, shall be equipped with a device for measuring the pressure drop across the baghouse. Each device shall be checked for plugging at least once every three months. (basis: Regulation 2-1-403)
3. The baghouse shall be inspected weekly to ensure proper operation. The following items shall be checked:
  - a. The pressure drop across the baghouse shall be checked weekly. The pressure drop shall be no lower than 0.2 inches of water and no greater than 5.0 inches of water.
  - b. The baghouse exhaust shall be checked weekly for evidence of particulate breakthrough. If breakthrough is evident from plume observations, dust buildup near the stack outlet, or abnormal pressure drops, the filter bags shall be checked for any tears, holes, abrasions, and scuffs, and replaced as needed.
  - c. All hoppers shall be discharged in a timely manner to maintain compliance with 3(a) above.
  - d. The shaker cleaning system shall be maintained and operated at sufficient intervals to maintain compliance with 3(a) above.  
(basis: Regulation 2-1-403)
4. In order to demonstrate compliance with the-above permit conditions, the following records shall be maintained in a District approved log. These records shall be kept on site and made available for District inspection for a period of at least five years from the date on which a record is made.
  - a. Records of all inspections and all maintenance work including bag replacement for the baghouse. Records of each inspection shall consist of a log containing the date of inspection and the initials of the personnel that inspects the baghouse. (basis: Regulation 1-441)

## VI. Permit Conditions

### Condition #16291

For S-24 Line 3 Interior Coating Spray Bank

1. Particulate matter emissions from S-24 shall be abated by A-4 Baghouse whenever S-24 is in operation. (basis: Regulation 6-301)
2. Within 90 days of issuance of the Title V permit, the baghouse, A-4, shall be equipped with a device for measuring the pressure drop across the baghouse. Each device shall be checked for plugging at least once every three months. (basis: Regulation 2-1-403)
3. The baghouse shall be inspected weekly to ensure proper operation. The following items shall be checked:
  - a. The pressure drop across the baghouse shall be checked weekly. The pressure drop shall be no lower than 0.2 inches of water and no greater than 5.0 inches of water.
  - b. The baghouse exhaust shall be checked weekly for evidence of particulate breakthrough. If breakthrough is evident from plume observations, dust buildup near the stack outlet, or abnormal pressure drops, the filter bags shall be checked for any tears, holes, abrasions, and scuffs, and replaced as needed.
  - c. All hoppers shall be discharged in a timely manner to maintain compliance with 3(a) above.
  - d. The shaker cleaning system shall be maintained and operated at sufficient intervals to maintain compliance with 3(a) above.  
(basis: Regulation 2-1-403)
4. In order to demonstrate compliance with the-above permit conditions, the following records shall be maintained in a District approved log. These records shall be kept on site and made available for District inspection for a period of at least five years from the date on which a record is made.
  - a. Records of all inspections and all maintenance work including bag replacement for the baghouse. Records of each inspection shall consist of a log containing the date of inspection and the initials of the personnel that inspects the baghouse.  
(basis: Regulation 1-441)

## VII. APPLICABLE LIMITS & COMPLIANCE MONITORING REQUIREMENTS

This section has been included only to summarize the applicable emission limits contained in Section IV, Source-Specific Applicable Requirements, of this permit. The following tables show the relationship between each emission limit and the associated compliance monitoring provisions, if any. The monitoring frequency indicates whether periodic (P) or continuous (C) monitoring is required. For periodic monitoring, the frequency of the monitoring has also been shown, either annual (A), quarterly (Q), monthly (M), weekly (W), daily (D), or on an event basis (E). No monitoring (N) has been required if the current applicable rule or regulation does not require monitoring, and the operation is unlikely to deviate from the applicable emission limit based upon the nature of the operation.

**Table VII - A**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S-4 DECORATION OVEN, LINE 1**

Pollutant	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
VOC	BAAQM D 8-11-301.3	Y		2.1 lbs/gal	BAAQMD 8-11-501	P/W	Coating Records
	BAAQM D 8-11-301.10	N		2.5 lbs/gal	BAAQMD 8-11-501	P/W	Coating Records
	BAAQM D 8-11-302	Y		90% (wt) or greater VOC destruction efficiency	BAAQMD 8-11-504	C	Temperature Chart Recorder
	SIP 8-11-301.9	Y		2.5 lbs/gal	BAAQMD 8-11-501	P/W	Coating Records
	BAAQM D Condition #9904 Part 1			1400°F	BAAQMD Condition #9904, Part 2	C	Temperature Chart Recorder

**Table VII - A  
Applicable Limits and Compliance Monitoring Requirements  
S-4 DECORATION OVEN, LINE 1**

<b>Pollutant</b>	<b>Emission Limit Citation</b>	<b>FE Y/N</b>	<b>Future Effective Date</b>	<b>Emission Limit</b>	<b>Monitoring Requirement Citation</b>	<b>Monitoring Frequency (P/C/N)</b>	<b>Monitoring Type</b>
	BAAQM D Condition #9904 Part 10	Y		95% (wt) or greater destruction efficiency	BAAQMD Condition #9904, Part 2	C	Temperature Chart Recorder

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII - A**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S-4 DECORATION OVEN, LINE 1**

Pollutant	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
VOC	BAAQM D Condition #9904 Part 13	Y		95% (wt) or greater destruction efficiency	BAAQMD Condition #9904, Part 11	P/A	Source Test Report
	BAAQM D Condition #9904 Part 17	Y		47.37 tons/12 consecutive month period prior to control, excluding clean-up solvent (combined limit for S-4, S-12, & S-62)	BAAQMD Condition #9904, Part 17	P/M	Emission Records

**Table VII – B**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S-5 BASECOAT OVEN, LINE 2**

Pollutant	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
VOC	BAAQM D 8-11-301.3	Y		2.1 lb/gal	BAAQMD 8-11-501	P/W	Coating Records
	BAAQM D 8-11-302	Y		90% (wt) or greater VOC destruction efficiency	BAAQMD 8-11-504	C	Temperature Chart Recorder
	BAAQM D Condition #9904 Part 1			1400°F	BAAQMD Condition #9904, Part 2	C	Temperature Chart Recorder

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII – B  
Applicable Limits and Compliance Monitoring Requirements  
S-5 BASECOAT OVEN, LINE 2**

Pollutant	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
	BAAQM D Condition #9904 Part 10	Y		95% (wt) or greater destruction efficiency	BAAQMD Condition #9904, Part 2	C	Temperature Chart Recorder
	BAAQM D Condition #9904 Part 10	Y		95% (wt) or greater destruction efficiency	BAAQMD Condition #9904, Part 11	P/A	Source Test Report
	BAAQM D Condition #9904 Part 22	Y		64.7 tons/12 consecutive month period prior to control, excluding clean-up solvent (combined limit for S-5, S-26, S-51, S-54, S-56, & S-58)	BAAQMD Condition #9904, Part 25	P/M	Emission Records

**Table VII – C  
Applicable Limits and Compliance Monitoring Requirements  
S-6 INTERIOR COATING OVEN, LINE 1**

Pollutant	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
VOC	BAAQM D 8-11-301.4.1	N		3.5 lb/gal	BAAQMD 8-11-501	P/W	Coating Records

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII – C**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S-6 INTERIOR COATING OVEN, LINE 1**

Pollutant	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
	BAAQMD 8-11-302	Y		90% (wt) or greater VOC destruction efficiency	BAAQMD 8-11-504	C	Temperature Chart Recorder
	SIP 8-11-301.4	Y		4.2 lb/gal	BAAQMD 8-11-501	P/W	Coating Records
	BAAQMD Condition #9904 Part 1			1400°F	BAAQMD Condition #9904, Part 2	C	Temperature Chart Recorder
	BAAQMD Condition #9904 Part 10	Y		95% (wt) or greater destruction efficiency	BAAQMD Condition #9904, Part 2	C	Temperature Chart Recorder
	BAAQMD Condition #9904 Part 10	Y		95% (wt) or greater destruction efficiency	BAAQMD Condition #9904, Part 11	P/A	Source Test Report
	BAAQMD Condition #9904 Part 10	Y		119 tons/12 consecutive month period prior to control, excluding clean-up solvent (combined limit for S-6 & S-16)	BAAQMD Condition #9904 Part 17	P/M	Emission Records



## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII – D**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S-7 INTERIOR COATING OVEN, LINE 2**

Pollutant	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
VOC	BAAQMD 8-11-301.4.1	N		3.5 lb/gal	BAAQMD 8-11-501	P/W	Coating Records
	BAAQMD 8-11-302	Y		90% (wt) or greater VOC destruction efficiency	BAAQMD 8-11-504	C	Temperature Chart Recorder
	SIP 8-11-301.4	Y		4.2 lb/gal	BAAQMD 8-11-501	P/W	Coating Records
	40 CFR 60, Subpart WW, Section 60.492(a)	Y		0.29 kg VOC/l	40 CFR 60, Subpart WW, Section 60.495	P/Q	Coating Records
	BAAQMD Condition #9904 Part 1			1400°F	BAAQMD Condition #9904, Part 2	C	Temperature Chart Recorder
	BAAQMD Condition #9904 Part 10	Y		95% (wt) or greater destruction efficiency	BAAQMD Condition #9904, Part 2	C	Temperature Chart Recorder
	BAAQMD Condition #9904 Part 10	Y		95% (wt) or greater destruction efficiency	BAAQMD Condition #9904, Part 11	P/A	Source Test Report
	BAAQMD Condition #9904 Part 18	Y		288.12 tons/12 consecutive month period prior to control, excluding clean-up solvent (combined limit for S-7, S-17, S-24, & S-61)	BAAQMD Condition #9904 Part 21	P/M	Emission Records

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII – E**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S-12 PRINTER WITH OVERVARNISHER, LINE 1**

<b>Pollutant</b>	<b>Emission Limit Citation</b>	<b>FE Y/N</b>	<b>Future Effective Date</b>	<b>Emission Limit</b>	<b>Monitoring Requirement Citation</b>	<b>Monitoring Frequency (P/C/N)</b>	<b>Monitoring Type</b>
VOC	BAAQMD 8-11-301.3	Y		2.1 lb/gal	BAAQMD 8-11-501	P/W	Coating Records
	BAAQMD 8-11-301.10	N		2.5 lbs/gal	BAAQMD 8-11-501	P/W	Coating Records
	SIP 8-11-301.9	Y		2.5 lbs/gal	BAAQMD 8-11-501	P/W	Coating Records
	BAAQMD Condition #9904 Part 14	Y		47.37 tons/12 consecutive month period prior to control, excluding clean-up solvent (combined limit for S-4, S-12, & S-62)	BAAQMD Condition #9904, Part 17	P/M	Emission Records

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII – F**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S-13 PRINTER WITH OVERVARNISHER, LINE 2**  
**S-27 PRINTER #37 WITH OVERVARNISHER, LINE 3**

<b>Pollutant</b>	<b>Emission Limit Citation</b>	<b>FE Y/N</b>	<b>Future Effective Date</b>	<b>Emission Limit</b>	<b>Monitoring Requirement Citation</b>	<b>Monitoring Frequency (P/C/N)</b>	<b>Monitoring Type</b>
VOC	BAAQMD 8-11-301.3	Y		2.1 lb/gal	BAAQMD 8-11-501	P/W	Coating Records
VOC	BAAQMD Condition #9904 Part 26	Y		83.31 tons/12 consecutive month period prior to control due to overvarnish and bottomcoating usage, excluding clean-up solvent (combined limit for S-13, S-25, S-27, S-28, S-52, S-53, and S-55-60)	BAAQMD Condition #9904 Part 31	P/M	Emission Records
	BAAQMD Condition #9904 Part 27	Y		31.35 tons/12 consecutive month period prior to control due to ink usage, excluding clean-up solvent (combined limit for S-13, S-25, S-27, S-53, and S-60)	BAAQMD Condition #9904 Part 31	P/M	Emission Records

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII – G**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S-16 INTERIOR COATING SPRAY BANK, LINE 1**

<b>Pollutant</b>	<b>Emission Limit Citation</b>	<b>FE Y/N</b>	<b>Future Effective Date</b>	<b>Emission Limit</b>	<b>Monitoring Requirement Citation</b>	<b>Monitoring Frequency (P/C/N)</b>	<b>Monitoring Type</b>
VOC	BAAQMD 8-11-301.4.1	N		3.5 lb/gal	BAAQMD 8-11-501	P/W	Coating Records
VOC	SIP 8-11-301.4			4.2 lb/gal	BAAQMD 8-11-501	P/W	Coating Records
	BAAQMD Condition #9904 Part 13	Y		119 tons/12 consecutive month period prior to control, excluding clean-up solvent (combined limit for S-6 & S-16)	BAAQMD Condition #9904 Part 17	P/M	Emission Records
TSP	BAAQMD 6-310	Y		0.15 gr/dscf	BAAQMD Condition #16289 Part 3(b)	P	Baghouse Filter Bag Inspection
	BAAQMD Condition #16289 Part 3(a)	Y		≥ 0.2 inches of H <sub>2</sub> O, and < 5 inches of H <sub>2</sub> O	BAAQMD Condition #16289 Part 3(b)	P/W	pressure drop inspection

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII – H**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S-17 INTERIOR COATING SPRAY BANK, LINE 2**

<b>Pollutant</b>	<b>Emission Limit Citation</b>	<b>FE Y/N</b>	<b>Future Effective Date</b>	<b>Emission Limit</b>	<b>Monitoring Requirement Citation</b>	<b>Monitoring Frequency (P/C/N)</b>	<b>Monitoring Type</b>
VOC	BAAQMD 8-11-301.4.1	N		3.5 lb/gal	BAAQMD 8-11-501	P/W	Coating Records
	SIP 8-11-301.4			4.2 lb/gal	BAAQMD 8-11-501	P/W	Coating Records
	BAAQMD Condition #9904 Part 18	Y		288.12 tons/12 consecutive month period prior to control, excluding clean-up solvent (combined limit for S-7, S-17, S-24, & S-61)	BAAQMD Condition #9904 Part 21	P/M	Emission Records
TSP	BAAQMD 6-310	Y		0.15 gr/dscf	BAAQMD Condition #16289 Part 3(b)	P	Baghouse Filter Bag Inspection
	BAAQMD Condition #16289 Part 3(a)	Y		≥ 0.2 inches of H <sub>2</sub> O, and < 5 inches of H <sub>2</sub> O	BAAQMD Condition #16289 Part 3(b)	P/W	pressure drop inspection

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII – I**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S-24 INTERIOR COATING SPRAY BANK, LINE 3**

<b>Pollutant</b>	<b>Emission Limit Citation</b>	<b>FE Y/N</b>	<b>Future Effective Date</b>	<b>Emission Limit</b>	<b>Monitoring Requirement Citation</b>	<b>Monitoring Frequency (P/C/N)</b>	<b>Monitoring Type</b>
VOC	BAAQMD 8-11-301.3	Y		3.5 lb/gal	BAAQMD 8-11-501	P/W	Coating Records
	BAAQMD Condition #9904 Part 18	Y		288.12 tons/12 consecutive month period prior to control, excluding clean-up solvent (combined limit for S-7, S-17, S-24, & S-61)	BAAQMD Condition #9904 Part 21	P/M	Emission Records
TSP	BAAQMD 6-310	Y		0.15 gr/dscf	BAAQMD Condition #16291 Part 3(b)	P	Baghouse Filter Bag Inspection
	BAAQMD Condition #16291 Part 3(a)	Y		≥ 0.2 inches of H <sub>2</sub> O, and < 5 inches of H <sub>2</sub> O	BAAQMD Condition #16291 Part 3(b)	P/W	pressure drop inspection

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII – J**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S-25 DUO-FLO OVEN, LINE 3**

Pollutant	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
VOC	BAAQMD 8-11-301.3	Y		2.1 lb/gal	BAAQMD 8-11-501	P/W	Coating Records
	BAAQMD 8-11-302	Y		90% (wt) or greater VOC destruction efficiency	BAAQMD 8-11-504	C	Temperature Chart Recorder
	BAAQMD Condition #9904 Part 1			1400°F	BAAQMD Condition #9904, Part 2	C	Temperature Chart Recorder
	BAAQMD Condition #9904 Part 10	Y		95% (wt) or greater destruction efficiency	BAAQMD Condition #9904, Part 2	C	Temperature Chart Recorder
	BAAQMD Condition #9904 Part 10	Y		95% (wt) or greater destruction efficiency	BAAQMD Condition #9904, Part 11	P/A	Source Test Report
	BAAQMD Condition #9904 Part 26	Y		83.31 tons/12 consecutive month period prior to control due to overvarnish and bottomcoating usage, excluding clean-up solvent (combined limit for S-13, S-25, S-27, S-28, S-52, S-53, and S-55-60)	BAAQMD Condition #9904 Part 31	P/M	Emission Records

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII – J**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S-25 DUO-FLO OVEN, LINE 3**

Pollutant	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
	BAAQMD Condition #9904 Part 27	Y		31.35 tons/12 consecutive month period prior to control due to ink usage, excluding clean-up solvent (combined limit for S-13, S-25, S-27, S-53, and S-60)	BAAQMD Condition #9904 Part 31	P/M	Emission Records

**Table VII – K**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S-26 BASECOATER #32, LINE 3**

Pollutant	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
VOC	BAAQMD 8-11-301.3	Y		2.1 lb/gal	BAAQMD 8-11-501	P/W	Coating Records
VOC	BAAQMD Condition #9904 Part 10	Y		95% (wt) or greater destruction efficiency	BAAQMD Condition #9904, Part 2	C	Temperature Chart Recorder
	BAAQMD Condition #9904 Part 10	Y		95% (wt) or greater destruction efficiency	BAAQMD Condition #9904, Part 11	P/A	Source Test Report



## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII – K  
 Applicable Limits and Compliance Monitoring Requirements  
 S-26 BASECOATER #32, LINE 3**

Pollutant	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
	BAAQMD Condition #9904 Part 22	Y		64.7 tons/12 consecutive month period prior to control, excluding clean-up solvent (combined limit for S-5, S-26, S-51, S-54, S-56, & S-58)	BAAQMD Condition #9904 Part 25	P/M	Emission Records

**Table VII – L  
 Applicable Limits and Compliance Monitoring Requirements  
 S-28 BOTTOM COATER AT PRINTER #31, LINE 3**

Pollutant	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
VOC	BAAQMD 8-11-301.3	Y		2.1 lb/gal	BAAQMD 8-11-501	P/W	Coating Records
	BAAQMD Condition #9904 Part 26	Y		83.31 tons/12 consecutive month period prior to control due to overvarnish and bottomcoating usage, excluding clean-up solvent (combined limit for S-13, S-25, S-27, S-28, S-52, S-53, & S-55-60)	BAAQMD Condition #9904 Part 31	P/M	Emission Records

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII – M  
Applicable Limits and Compliance Monitoring Requirements  
S-35 WIPE CLEANING OPERATION**

<b>Pollutant</b>	<b>Emission Limit Citation</b>	<b>FE Y/N</b>	<b>Future Effective Date</b>	<b>Emission Limit</b>	<b>Monitoring Requirement Citation</b>	<b>Monitoring Frequency (P/C/N)</b>	<b>Monitoring Type</b>
VOC	BAAQMD Condition #1701 Part 1	Y		16.830 tons clean-up solvent/12 consecutive month period for operations associated with S-12-17, S-24, S-28, S-35, S-41-46, S-51, S-52, S-54, S-55, S-57, S-59 & S-60	BAAQMD Condition #1701 Part 2	P/M	Emission Records

**Table VII – N  
Applicable Limits and Compliance Monitoring Requirements  
S-51 BASECOATER, LINE 2  
S-54 BASECOATER #31, LINE 3**

<b>Pollutant</b>	<b>Emission Limit Citation</b>	<b>FE Y/N</b>	<b>Future Effective Date</b>	<b>Emission Limit</b>	<b>Monitoring Requirement Citation</b>	<b>Monitoring Frequency (P/C/N)</b>	<b>Monitoring Type</b>
VOC	BAAQMD 8-11-301.3	Y		2.1 lb/gal	BAAQMD 8-11-501	P/W	Coating Records
	40 CFR 60, Subpart WW, Section 60.492(a)	Y		0.29 kg VOC/l	40 CFR 60, Subpart WW Section 60.495	P/Q	Coating Records

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII – N**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S-51 BASECOATER, LINE 2**  
**S-54 BASECOATER #31, LINE 3**

Pollutant	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
	BAAQMD Condition #9904 Part 10	Y		95% (wt) or greater destruction efficiency	BAAQMD Condition #9904, Part 2	C	Temperature Chart Recorder
	BAAQMD Condition #9904 Part 10	Y		95% (wt) or greater destruction efficiency	BAAQMD Condition #9904, Part 11	P/A	Source Test Report
	BAAQMD Condition #9904 Part 22	Y		64.7 tons/12 consecutive month period prior to control, excluding clean-up solvent (combined limit for S-5, S-26, S-51, S-54, S-56, & S-58)	BAAQMD Condition #9904 Part 25	P/M	Emission Records

**Table VII – O**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S-53 DECORATION OVEN, LINE 2**

Pollutant	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
VOC	BAAQMD 8-11-301.3	Y		2.1 lb/gal	BAAQMD 8-11-501	P/W	Coating Records
	BAAQMD 8-11-302	Y		90% (wt) or greater VOC destruction efficiency	BAAQMD 8-11-504	C	Temperature Chart Recorder

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII – O**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S-53 DECORATION OVEN, LINE 2**

Pollutant	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
	40 CFR 60, Subpart WW, Section 60.492(a)	Y		0.29 kg VOC/l	40 CFR 60, Subpart WW Section 60.495	P/Q	Coating Records
	BAAQMD Condition #9904 Part 1			1400°F	BAAQMD Condition #9904, Part 2	C	Temperature Chart Recorder
	BAAQMD Condition #9904 Part 10	Y		95% (wt) or greater destruction efficiency	BAAQMD Condition #9904, Part 2	C	Temperature Chart Recorder
	BAAQMD Condition #9904 Part 10	Y		95% (wt) or greater destruction efficiency	BAAQMD Condition #9904, Part 11	P/A	Source Test Report
	BAAQMD Condition #9904 Part 26	Y		83.31 tons/12 consecutive month period prior to control due to overvarnish and bottomcoating usage, excluding clean-up solvent (combined limit for S-13, S-25, S-27, S-28, S-52, S-53, and S-55-60)	BAAQMD Condition #9904 Part 31	P/M	Emission Records

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII – O**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S-53 DECORATION OVEN, LINE 2**

Pollutant	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
	BAAQMD Condition #9904 Part 24	Y		31.35 tons/12 consecutive month period prior to control due to ink usage, excluding clean-up solvent (combined limit for S-13, S-25, S-27, S-53, and S-60)	BAAQMD Condition #9904 Part 28	P/M	Emission Records

**Table VII – P**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S-56 BASECOAT OVEN #31, LINE 3**  
**S-58 BASECOAT OVEN #32, LINE 3**

Pollutant	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
VOC	BAAQMD 8-11-301.3	Y		2.1 lb/gal	BAAQMD 8-11-501	P/W	Coating Records
	BAAQMD 8-11-302	Y		90% (wt) or greater VOC destruction efficiency	BAAQMD 8-11-504	C	Temperature Chart Recorder
	40 CFR 60, Subpart WW, Section 60.492(a)	Y		0.29 kg VOC/l	40 CFR 60, Subpart WW Section 60.495	P/Q	Coating Records

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII – P**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S-56 BASECOAT OVEN #31, LINE 3**  
**S-58 BASECOAT OVEN #32, LINE 3**

<b>Pollutant</b>	<b>Emission Limit Citation</b>	<b>FE Y/N</b>	<b>Future Effective Date</b>	<b>Emission Limit</b>	<b>Monitoring Requirement Citation</b>	<b>Monitoring Frequency (P/C/N)</b>	<b>Monitoring Type</b>
	BAAQMD Condition #9904 Part 1			1400°F	BAAQMD Condition #9904, Part 2	C	Temperature Chart Recorder
	BAAQMD Condition #9904 Part 10	Y		95% (wt) or greater destruction efficiency	BAAQMD Condition #9904, Part 2	C	Temperature Chart Recorder
	BAAQMD Condition #9904 Part 10	Y		95% (wt) or greater destruction efficiency	BAAQMD Condition #9904, Part 11	P/A	Source Test Report
	BAAQMD Condition #9904 Part 22	Y		64.7 tons/12 consecutive month period prior to control, excluding clean-up solvent (combined limit for S-5, S-26, S-51, S-54, S-56, & S-58)	BAAQMD Condition #9904 Part 25	P/M	Emission Records

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII – P**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S-56 BASECOAT OVEN #31, LINE 3**  
**S-58 BASECOAT OVEN #32, LINE 3**

Pollutant	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
	BAAQMD Condition #9904 Part 25	Y		83.31 tons/12 consecutive month period prior to control due to overvarnish and bottomcoating usage, excluding clean-up solvent (combined limit for S-13, S-25, S-27, S-28, S-52, S-53, and S-55-60)	BAAQMD Condition #9904 Part 31	P/M	Emission Records

**Table VII – Q**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S-52 BOTTOM COATER, LINE 2**  
**S-55 BOTTOM COATER AT BASECOATER #31, LINE 3**  
**S-57 BOTTOM COATER AT BASECOATER #32, LINE 3**  
**S-59 BOTTOM COATER AT PRINTER #32, LINE 3**

Pollutant	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
VOC	BAAQMD 8-11-301.3	Y		2.1 lb/gal	BAAQMD 8-11-501	P/W	Coating Records

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII – Q**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S-52 BOTTOM COATER, LINE 2**  
**S-55 BOTTOM COATER AT BASECOATER #31, LINE 3**  
**S-57 BOTTOM COATER AT BASECOATER #32, LINE 3**  
**S-59 BOTTOM COATER AT PRINTER #32, LINE 3**

Pollutant	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
	40 CFR 60, Subpart WW, Section 60.492(b)	Y		0.46 kg VOC/l	40 CFR 60, Subpart WW Section 60.495	P/Q	Coating Records
	BAAQMD Condition #9904 Part 26	Y		83.31 tons/12 consecutive month period prior to control due to overvarnish and bottomcoating usage, excluding clean-up solvent (combined limit for S-13, S-25, S-27, S-28, S-52, S-53, and S-55-60)	BAAQMD Condition #9904 Part 31	P/M	Emission Records

**Table VII – R**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S-60 PRINTER #32 WITH OVERVARNISHER, LINE 3**

Pollutant	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
VOC	BAAQMD 8-11-301.3	Y		2.1 lb/gal	BAAQMD 8-11-501	P/W	Coating Records



## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII – R**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S-60 PRINTER #32 WITH OVERVARNISHER, LINE 3**

Pollutant	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
	40 CFR 60, Subpart WW, Section 60.492(b)	Y		0.46 kg VOC/l	40 CFR 60, Subpart WW Section 60.495	P/Q	Coating Records
	BAAQMD Condition #9904 Part 26	Y		83.31 tons/12 consecutive month period prior to control due to overvarnish and bottomcoating usage, excluding clean-up solvent (combined limit for S-13, S-25, S-27, S-28, S-52, S-53, and S-55-60)	BAAQMD Condition #9904 Part 31	P/M	Emission Records
	BAAQMD Condition #9904 Part 27	Y		31.35 tons/12 consecutive month period prior to control due to ink usage, excluding clean-up solvent (combined limit for S-13, S-25, S-27, S-53, and S-60)	BAAQMD Condition #9904 Part 31	P/M	Emission Records

**Table VII – S**  
**Applicable Limits and Compliance Monitoring Requirements**  
**S-61 INTERIOR COATING OVEN, LINE 3**

## VII. Applicable Limits and Compliance Monitoring Requirements

Pollutant	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
VOC	BAAQMD 8-11-301.3	Y		2.1 lb/gal	BAAQMD 8-11-501	P/W	Coating Records
	BAAQMD 8-11-302	Y		90% (wt) or greater VOC destruction efficiency	BAAQMD 8-11-504	C	Temperature Chart Recorder
	40 CFR 60, Subpart WW, Section 60.492(b)	Y		0.46 kg VOC/l	40 CFR 60, Subpart WW, Section 60.495	P/Q	Coating Records
	BAAQMD Condition #9904 Part 1			1400°F	BAAQMD Condition #9904, Part 2	C	Temperature Chart Recorder
	BAAQMD Condition #9904 Part 10	Y		95% (wt) or greater destruction efficiency	BAAQMD Condition #9904, Part 2	C	Temperature Chart Recorder
	BAAQMD Condition #9904 Part 10	Y		95% (wt) or greater destruction efficiency	BAAQMD Condition #9904, Part 11	P/A	Source Test Report
	BAAQMD Condition #9904 Part 18	Y		288.12 tons/12 consecutive month period prior to control, excluding clean-up solvent (combined limit for S-7, S-17, S-24, & S-61)	BAAQMD Condition #9904 Part 21	P/M	Emission Records

## VII. Applicable Limits and Compliance Monitoring Requirements

**Table VII – T  
Applicable Limits and Compliance Monitoring Requirements  
S-62 BOTTOM COATER, LINE 1**

<b>Pollutant</b>	<b>Emission Limit Citation</b>	<b>FE Y/N</b>	<b>Future Effective Date</b>	<b>Emission Limit</b>	<b>Monitoring Requirement Citation</b>	<b>Monitoring Frequency (P/C/N)</b>	<b>Monitoring Type</b>
VOC	BAAQMD 8-11-301.3	Y		2.1 lb/gal	BAAQMD 8-11-501	P/W	Coating Records
	40 CFR 60, Subpart WW, Section 60.492(a)	Y		0.29 kg VOC/l	40 CFR 60, Subpart WW Section 60.495	P/Q	Coating Records
	BAAQMD Condition #9904 Part 14	Y		47.37 tons/12 consecutive month period prior to control, excluding clean-up solvent (combined limit for S-4, S-12, & S-62)	BAAQMD Condition #9904, Part 17	P/M	Emission Records
	BAAQMD Condition #14836 Part 1	Y		4.45 tons/12 consecutive month period prior to control, excluding clean-up solvent for bottomcoating	BAAQMD Condition #14836 Part 4	P/M	Coating Records

## VIII. TEST METHODS

The test methods associated with the emission limit of a District regulation are generally found in Section 600 of the regulation. The following table indicates only the test methods associated with the emission limits referenced in Section VII, Applicable Emission Limits & Compliance Monitoring Requirements, of this permit.

**Table VIII  
Test Methods**

<b>Applicable Requirement</b>	<b>Description of Requirement</b>	<b>Acceptable Test Methods</b>
BAAQMD 6-301	Ringelmann No. 1 Limitation	Manual of Procedures, Volume I, Evaluation of Visible Emissions
BAAQMD 6-310	Particulate Weight Limitation	Manual of Procedures, Volume IV, ST-15, Particulates Sampling
BAAQMD 9-1-302	General Emission Limitation	Manual of Procedures, Volume IV, ST-19A, Sulfur Dioxide, Continuous Sampling, or ST-19B, Total Sulfur Oxides Integrated Sample
BAAQMD 9-1-304	Fuel Burning (Liquid and Solid Fuels)	Manual of Procedures, Volume III, Method 10, Determination of Sulfur in Fuel Oils.
BAAQMD 8-11-301	Metal Container or Closure Coating Limitations	Manual of Procedures, Volume IV, Method 21, Determination of Compliance of Volatile Organic Compounds for Water Reducible Coatings or Manual of Procedures, Volume IV, Method 22, Determination of Compliance of Volatile Organic Compounds for Solvent Based Coatings
BAAQMD 8-11-302	Emission Control Device Limitation for Metal Container or Closure Coatings	Manual of Procedures, Volume IV, ST-7, Non-Methane Organic Carbon Sampling or EPA Method 25 or 25A
40 CFR 60, Subpart WW, Section 60.492	Standards for Volatile Organic Compounds	Determination of Volatile Matter Content, Water Content, Density, Volume Solids, and Weight Solids of Surface Coatings
BAAQMD Condition #9904, part 7	VOC Destruction Efficiency of Emission Control Device A-5	Manual of Procedures, Volume IV, ST-7, Non-Methane Organic Carbon Sampling or EPA Method 25 or 25A

## IX. PERMIT SHIELD

### A. Non-applicable Requirements

Pursuant to District Regulations 2-6-233 and 2-6-409.12, the federally enforceable regulations and/or standards cited in the following table[s] are not applicable to the source or group of sources identified at the top of the table[s]. Enforcement actions and litigation may not be initiated against the source or group of sources covered by this shield based on the regulatory and/or statutory provisions cited.

**Table IX A – 1**  
**Permit Shield for Non-applicable Requirements**  
**S-4 DECORATION OVEN, LINE 1;**  
**S-5 BASECOAT OVEN, LINE 2**  
**S-6 INTERIOR COATING OVEN, LINE 1**  
**S-7 INTERIOR COATING OVEN, LINE 2**  
**S-12 PRINTER WITH OVERVARNISHER, LINE 1**  
**S-13 PRINTER WITH OVERVARNISHER, LINE 2**  
**S-16 INTERIOR COATING SPRAY BANK, LINE 1**  
**S-17 INTERIOR COATING SPRAY BANK, LINE 2**  
**S-24 INTERIOR COATING SPRAY BANK, LINE 3**  
**S-25 DUO FLO OVEN, LINE 3**  
**S-26 BASECOATER #32, LINE 3**  
**S-27 PRINTER #31 WITH OVERVARNISHER, LINE 3**  
**S-28 BOTTOM COATER AT PRINTER #31, LINE 3**

Citation	Title or Description (Reason not applicable)
<b>40 CFR 60</b>	<b>Standards of Performance for New Stationary Sources (12/31/71) (sources not modified since November 26, 1980)</b>
Subpart A	General Provisions
60.4(a)	Reports to EPA
60.4(b)	Reports to EPA and District
60.7(a)	Written notification
60.7(b)	Records
60.8	Performance Tests
60.9	Availability of Information
60.11(a)	Compliance with standards and maintenance requirements
60.11(d)	Minimizing emissions
60.12	Circumvention
60.13	Monitoring Requirements

## IX. Permit Shield

**Table IX A – 1**  
**Permit Shield for Non-applicable Requirements**  
**S-4 DECORATION OVEN, LINE 1**  
**S-5 BASECOAT OVEN, LINE 2**  
**S-6 INTERIOR COATING OVEN, LINE 1**  
**S-7 INTERIOR COATING OVEN, LINE 2**  
**S-12 PRINTER WITH OVERVARNISHER, LINE 1**  
**S-13 PRINTER WITH OVERVARNISHER, LINE 2**  
**S-16 INTERIOR COATING SPRAY BANK, LINE 1**  
**S-17 INTERIOR COATING SPRAY BANK, LINE 2**  
**S-24 INTERIOR COATING SPRAY BANK, LINE 3**  
**S-25 DUO FLO OVEN, LINE 3**  
**S-26 BASECOATER #32, LINE 3**  
**S-27 PRINTER #37 WITH OVERVARNISHER, LINE 3**  
**S-28 BOTTOM COATER AT PRINTER #31, LINE 3**

<b>Citation</b>	<b>Title or Description (Reason not applicable)</b>
60.19	General notification and reporting requirements
Subpart WW	Standards of Performance for the Beverage Can Surface Coating Industry (8/25/83)
60.492	Standards for volatile organic compounds
60.493	Performance test and compliance provisions
60.494	Monitoring of emissions and operations
60.495	Reporting and recordkeeping requirements

## **X. GLOSSARY**

### **BAAQMD**

Bay Area Air Quality Management District

### **BACT**

Best Available Control Technology

### **CAA**

The federal Clean Air Act

### **CAAQS**

California Ambient Air Quality Standards

### **CEQA**

California Environmental Quality Act

### **CFR**

The Code of Federal Regulations. 40 CFR contains the implementing regulations for federal environmental statutes such as the Clean Air Act. Parts 50-99 of 40 CFR contain the requirements for air pollution programs.

### **CO**

Carbon Monoxide

### **Cumulative Increase**

The sum of permitted emissions from each new or modified source since a specified date pursuant to BAAQMD Rule 2-1-403, Permit Conditions (as amended by the District Board on 7/17/91) and SIP Rule 2-1-403, Permit Conditions (as approved by EPA on 6/23/95). Used to determine whether threshold-based requirements are triggered.

### **District**

The Bay Area Air Quality Management District

### **EPA**

The federal Environmental Protection Agency.

### **Excluded**

Not subject to any District Regulations.

### **Federally Enforceable, FE**

All limitations and conditions which are enforceable by the Administrator of the EPA including

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those requirements developed pursuant to 40 CFR Part 51, subpart I (NSR), Part



## **X. Glossary**

52.21 (PSD), Part 60, (NSPS), Part 61, (NESHAPs), Part 63 (HAP), and Part 72 (Permits Regulation, Acid Rain), and also including limitations and conditions contained in operating permits issued under an EPA-approved program that has been incorporated into the SIP.

### **HAP**

Hazardous Air Pollutant. Any pollutant listed pursuant to Section 112(b) of the Act. Also refers to the program mandated by Title I, Section 112, of the Act and implemented by both 40 CFR Part 63, and District Regulation 2, Rule 5.

### **Major Facility**

A facility with potential emissions of regulated air pollutants greater than or equal to 100 tons per year, greater than or equal to 10 tons per year of any single hazardous air pollutant, and/or greater than or equal to 25 tons per year of any combination of hazardous air pollutants, or such lesser quantity as determined by the EPA administrator.

### **MFR**

Major Facility Review. The District's term for the federal operating permit program mandated by Title V of the Act and implemented by District Regulation 2, Rule 6.

### **MOP**

The District's Manual of Procedures.

### **NAAQS**

National Ambient Air Quality Standards

### **NESHAPs**

National Emission Standards for Hazardous Air Pollutants. Contained in 40 CFR Part 61.

### **NMHC**

Non-methane Hydrocarbons

### **NO<sub>x</sub>**

Oxides of nitrogen.

### **NSPS**

Standards of Performance for New Stationary Sources. Federal standards for emissions from new stationary sources. Mandated by Title I, Section 111 of the Act, and implemented by both 40 CFR Part 60 and District Regulation 10.

### **NSR**

New Source Review. A federal program for pre-construction review and permitting of new and modified sources of air pollutants for which the District is classified "non-attainment".

## **X. Glossary**

Mandated by Title I of the Clean Air Act and implemented by 40 CFR Parts 51 and 52 as well as District Regulation 2, Rule 2. (Note: There are additional NSR requirements mandated by the California Clean Air Act.)

### **Offset Requirement**

A New Source Review requirement to provide federally enforceable emission offsets at a specified ratio for the emissions from a new or modified source and any pre-existing cumulative increase minus any onsite contemporaneous emission reduction credits. Applies to emissions of POC, NO<sub>x</sub>, PM<sub>10</sub>, and SO<sub>2</sub>.

### **Phase II Acid Rain Facility**

A facility that generates electricity for sale through fossil-fuel combustion and by virtue of certain other characteristics (defined in Regulation 2, Rule 6) is subject to Titles IV and V of the Clean Air Act.

### **POC**

Precursor Organic Compounds

### **PM**

Total Particulate Matter

### **PM<sub>10</sub>**

Particulate matter with aerodynamic equivalent diameter of less than or equal to 10 microns

### **PSD**

Prevention of Significant Deterioration. A federal program for permitting new and modified sources of air pollutants for which the District is classified "attainment" of the National Air Ambient Quality Standards. Mandated by Title I of the Act and implemented by both 40 CFR Part 52 and District Regulation 2, Rule 2.

### **SIP**

State Implementation Plan. State and District programs and regulations approved by EPA and developed in order to attain the National Air Ambient Quality Standards. Mandated by Title I of the Act.

### **SO<sub>2</sub>**

Sulfur dioxide

### **Title V**

Title V of the federal Clean Air Act. Requires a federally enforceable operating permit program for major and certain other facilities.

## X. Glossary

### **TSP**

Total Suspended Particulate

### **VOC**

Volatile Organic Compounds

### **Units of Measure:**

bhp	=	brake-horsepower
btu	=	British Thermal Unit
g	=	grams
gal	=	gallon
hp	=	horsepower
hr	=	hour
lb	=	pound
in	=	inches
max	=	maximum
m <sup>2</sup>	=	square meter
min	=	minute
mm	=	million
ppmv	=	parts per million, by volume
ppmw	=	parts per million, by weight
psia	=	pounds per square inch, absolute
psig	=	pounds per square inch, gauge
scfm	=	standard cubic feet per minute
yr	=	year

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## **XI. APPLICABLE STATE IMPLEMENTATION PLAN**

**[Note: the SIP has been typed. If and when it is put on the District website, this section will not need to be included. If it is to be included, clerical staff will prepare it.]**

See Attachments