

Bay Area Air Quality Management District

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

DraftProposed

MAJOR FACILITY REVIEW PERMIT

Issued To:

Rexam Beverage Can Company

Site-Facility #A1665

Site-Facility Address:

2433 Crocker Circle Drive
Fairfield, CA 94533

Mailing Address:

8770 W. Bryn Mawr Avenue, Suite 175, Mail Code 11M M.S. 04D
Chicago, IL 60631-3655542

Responsible Official

Geoffrey A. Wortley ~~Allan J. Bohner,~~

Director ~~Senior Vice President~~

Environment, Health & Safety ~~North America Manufacturing~~

& Worldwide Engineering

(773) 399-3389613

Facility Contact

Bob Riggs ~~Dave Rubiek,~~

Plant Manager

(707) 437-6645

Type of Facility: Beverage Can Manufacturing BAAQMD Engineering Division Contact:

Primary SIC: 3411

Dharam Singh ~~Fed-~~

~~Hull~~

Product: Coated and Decorated
Aluminum Beverage Cans

ISSUED BY THE BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Jack P. Broadbent, Executive Officer/Air Pollution Control Officer

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 ~~05/04/11~~5/2/01);

SIP Regulation 1 - General Provisions and Definitions
(as approved by EPA through 6/28/99);

BAAQMD Regulation 2, Rule 1 - Permits, General Requirements
(as amended by the District Board on ~~4/18/12~~12/21/04);

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 ~~06/15/05~~12/21/04);

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 12/21/04);

SIP Regulation 2, Rule 4 - Permits, Emissions Banking
(as approved by EPA through 1/26/99); ~~and~~

BAAQMD Regulation 2, Rule 5 – New Source Review of Toxic Air Contaminants
(as amended by the District Board on 01/06/10); ~~and~~

BAAQMD Regulation 2, Rule 6 – Permits, Major Facility Review
(as amended by the District Board on 4/16/03); ~~and-~~

SIP Regulation 2, Rule 6 – Permits, Major Facility Review
(as approved by EPA through 6/23/95)

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

1. This Major Facility Review Permit was issued on ~~June 27, 2005~~[]; and expires on ~~May 31, 2010~~[]. The permit holder shall submit a complete application for renewal of this Major Facility Review Permit no later than [] ~~November 30, 2009~~ and no earlier than ~~May 31, 2009~~[]. **If a complete application for renewal has not been submitted in accordance with these deadlines, the facility may not operate after ~~May 31, 2010~~ []**. If the permit renewal has not been issued by ~~May 31, 2010~~[], but a complete application for renewal has been submitted in accordance with the above deadlines, the existing permit will continue in force until the District takes final action on the renewal application. (Regulation 2-6-307, 404.2, 407, & 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

I. Standard Conditions

- 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)
 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 the filing 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 that 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's 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 or the potential to emit 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)
 11. The responsible official shall certify all documents submitted by the facility pursuant to the major facility review permit. The certification shall state that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. The certifications shall be signed by a responsible official for the facility. (Regulation 2-6-409.20; MOP Volume II, Part 3, §4.11)
 12. The permit holder is responsible for compliance, and certification of compliance, with all conditions of the permit, regardless of whether it acts through employees, agents, contractors, or subcontractors. (Regulation 2-6-307)

C. Requirement to Pay Fees

The permit holder shall pay annual fees in accordance with District Regulation 3,

I. Standard Conditions

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 that 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

1. The permit holder must provide any information, records, and reports requested or specified by the APCO. (Regulation 1-441, Regulation 2-6-409.4)
2. 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 MOP Volume II, Part 3, §4.7)

F. Monitoring Reports

Reports of all required monitoring must be submitted to the District at least once every six months, except where an applicable requirement specifies more frequent reporting. The reporting periods for this permit shall be July 1st through December 31st and January 1st through June 30th. Each report is due on the last day of the month after the end of the reporting period. 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, 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 period will be July 1st through June 30th. The certification shall be submitted by July 31st of each year. 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

I. Standard Conditions

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

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 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. (MOP Volume II, Part 3, §4.8)
3. 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)

J. Miscellaneous Conditions

1. The maximum capacity for each source as shown in Table II-A is the maximum allowable capacity. Exceedance of the maximum allowable capacity for any source is a violation of Regulation 2, Rule 1, Section 301. (Regulation 2-1-301)

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. The capacities in this table are the maximum allowable capacities for each source, pursuant to Standard Condition I.J and Regulation 2-1-301.

S-#	Description	Make or Type	Model	Capacity
S-1	Roller Coater - Line 1	Rutherford	CB 1200	1,762 Cans Per Minute
S-2	Coater Oven - Line 1	Feco Pin, Natural Gas		3.6 MMBTU/hr
S-3	Printer - Line 1	Rutherford	CD 1200	1,762 CPM
S-4	Printer Oven - Line 1	Feco Pin, Natural Gas		3.6 MMBTU/hr
S-5	Spray Machines - Line 1	NCC	773.3	(6) x 294 CPM
S-6	Bake Oven - Line 1	Feco Pin, Natural Gas		3.0 MMBTU/hr
S-7	Roller Coater - Line 2	Rutherford	CB 1200	1,762 CPM
S-8	Coater Oven - Line 2	Feco Pin, Natural Gas		3.6 MMBTU/hr
S-9	Printer - Line 2	Rutherford	CD 1200	1,762 CPM
S-10	Printer Oven - Line 2	Feco Pin, Natural Gas		3.6 MMBTU/hr
S-11	Spray Machines - Line 2	NCC	773.3	(6) x 294 CPM
S-12	Bake Oven - Line 2	Feco Pin, Natural Gas		3.0 MMBTU/hr
S-13	Basecoat Bulk Tank	Fixed Roof		10,000 gallons
S-14	Overvarnish Bulk Tank	Fixed Roof		10,000 gallons
S-15	Inside Spray Bulk Tank	Fixed Roof		10,000 gallons
S-16	Scrap Collection System	BLO-APCO	185	1,000 lb/hr
S-17	Lime Silo	Lime Storage		10 tons/hr max capacity
<u>S-21</u>	<u>Emergency Diesel Fire Pump Engine</u>	<u>Deutz Model</u>	<u>DFP 4-2012C15</u>	<u>135 bhp</u>

Table II B - Abatement Devices

A-#	Description	Source(s) Controlled	Applicable Requirement	Operating Parameters	Required Efficiency
A-1	Direct Flame Afterburner	2, 4, 5, 6, 8, 10, 11, 12	BAAQMD Condition #394; Parts 3,4,5,6,7	1375 °F during all periods of operation	95%
A-1	Direct Flame Afterburner	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12	Regulation 8-11-302	Required for coating usage not complying with 8-11-301	90%
A-1	Direct Flame Afterburner	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12	NSPS Subpart WW	As needed	Achieve VOC emission standards of 60.492
A-2	Pulse Jet Baghouse	5, 11	<u>Regulation 6-1-301,</u> <u>SIP Regulation 6-301</u>		Ringelmann #1 for 3 minutes in any hour
A-2	Pulse Jet Baghouse	5, 11	<u>Regulation 6-1-310,</u> <u>SIP Regulation 6-310</u>		0.15 gr/dscf
A-3	Vapor Balance System	13	None	N/A	N/A
A-4	Vapor Balance System	14	None	N/A	N/A
A-5	Vapor Balance System	15	None	N/A	N/A
A-6	Scrap Cyclone	16	<u>Regulation 6-1-301,</u> <u>SIP Regulation 6-301</u>		Ringelmann #1 for 3 minutes in any hour
A-6	Scrap Cyclone	16	<u>Regulation 6-1-310,</u> <u>SIP Regulation 6-310</u>		0.15 gr/dscf
A-7	Oil Mist Collector	16	<u>Regulation 6-1-301,</u> <u>SIP Regulation 6-301</u>		Ringelmann #1 for 3 minutes in any hour

II. Equipment

Table II B - Abatement Devices

A-#	Description	Source(s) Controlled	Applicable Requirement	Operating Parameters	Required Efficiency
A-7	Oil Mist Collector	16	<u>Regulation</u> <u>6-1-310,</u> <u>SIP Regulation</u> 6-310		0.15 gr/dscf
A-8	Lime Silo Baghouse	17	<u>Regulation</u> <u>6-1-301,</u> <u>SIP Regulation</u> 6-301		Ringelmann #1 for 3 minutes in any hour
A-8	Lime Silo Baghouse	17	<u>Regulation</u> <u>6-1-310,</u> <u>SIP Regulation</u> 6-310		0.15 gr/dscf
<u>A-9</u>	<u>Regenerative Thermal Oxidizer</u>	<u>2, 4, 5, 6, 8, 10, 11, 12</u>	<u>BAAQMD Condition 391;</u> <u>Parts 2, 3, 5, 6, 7</u>	<u>1600 °F during all periods of operation</u>	<u>95%</u>
<u>A-9</u>	<u>Regenerative Thermal Oxidizer</u>	<u>2, 4, 5, 6, 8, 10, 11, 12</u>	<u>Regulation 8-11-302</u>	<u>Required for coating usage not complying with 8-11-301</u>	<u>90%</u>
<u>A-9</u>	<u>Regenerative Thermal Oxidizer</u>	<u>2, 4, 5, 6, 8, 10, 11, 12</u>	<u>NSPS Subpart WW</u>	<u>As needed</u>	<u>Achieve VOC emission standards of 60.492</u>

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. This section also contains provisions that may apply to temporary sources.

The dates in parentheses 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 of Directors.
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 language of SIP requirements is on EPA Region 9's website. The address is: <http://yosemite.epa.gov/r9/r9sips.nsf/Agency?ReadForm&count=500&state=California&cat=Bay+Area+Air+Quality+Management+District-Agency-Wide+Provisions>.

NOTE:

There are differences between the current BAAQMD rules and the versions of the rules in the SIP. All sources must comply with both versions of a 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 (5/4/115/2/01)	N
SIP Regulation 1	General Provisions and Definitions (6/28/99)	Y ¹
BAAQMD Regulation 2, Rule 1	General Requirements (4/18/128/1/01)	N
<u>SIP Regulation 2, Rule 1</u>	<u>General Requirements (1/26/99)</u>	<u>Y¹</u>
BAAQMD 2-1-429	Federal Emissions Statement (12/21/046/7/95)	Y N
<u>SIP Regulation 2, Rule 1</u>	<u>General Requirements (1/26/99)</u>	<u>Y¹</u>
<u>SIP Regulation 2-1-429</u>	<u>Federal Emissions Statement (4/3/95)</u>	<u>Y</u>

III. Generally Applicable Requirements Equipment

**Table III
 Generally Applicable Requirements**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)
BAAQMD Regulation 2, Rule 5	New Source Review of Toxic Air Contaminants (01/06/10)	<u>N</u>
BAAQMD Regulation 4	Air Pollution Episode Plan (3/20/91)	<u>N</u>
SIP Regulation 4	Air Pollution Episode Plan (8/6/90)	<u>Y</u>
BAAQMD Regulation 5	Open Burning (7/09/083/6/02)	Y N
SIP Regulation 5	Open Burning (9/4/98)	Y ¹
BAAQMD Regulation 6, Rule 1	Particulate Matter, General Requirements (12/5/07)	<u>N</u>
BAAQMD SIP-Regulation 6	Particulate Matter and Visible Emissions (9/4/9812/49/90)	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 2	Organic Compounds – Miscellaneous Operations (7/20/056/45/94)	Y N
SIP Regulation 8, Rule 2	Organic Compounds – Miscellaneous Operations (1/2/043/22/95)	<u>Y</u>
BAAQMD Regulation 8, Rule 3	Organic Compounds - Architectural Coatings (7/01/0911/21/01)	N
SIP Regulation 8, Rule 3	Organic Compounds - Architectural Coatings (11/21/01 1/2/04)	<u>Y</u>
BAAQMD Regulation 8, Rule 4	Organic Compounds - General Solvent and Surface Coating Operations (10/16/02)	Y
BAAQMD Regulation 8, Rule 16	Organic Compounds - Solvent Cleaning Operations (10/16/02)	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 ¹
BAAQMD Regulation 8, Rule 51	Organic Compounds - Adhesive and Sealant Products (7/17/02)	N
SIP Regulation 8, Rule 51	Organic Compounds - Adhesive and Sealant Products (2/26/02)	Y ¹
BAAQMD Regulation 9, Rule 1	Inorganic Gaseous Pollutants – Sulfur Dioxide (3/15/95)	N
SIP Regulation 9, Rule 1	Inorganic Gaseous Pollutants – Sulfur Dioxide (6/8/99)	Y ¹
BAAQMD Regulation 11, Rule 1	Hazardous Pollutants - Lead (3/17/82)	N
SIP Regulation 11, Rule 1	Hazardous Pollutants – Lead (9/2/81)	Y ¹
BAAQMD Regulation 11, Rule 2	Hazardous Pollutants - Asbestos Demolition, Renovation and Manufacturing (10/7/98)	N

III. Generally Applicable Requirements Equipment

**Table III
 Generally Applicable Requirements**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)
BAAQMD Regulation 12, Rule 4	Miscellaneous Standards of Performance - Sandblasting (7/11/90)	N
SIP Regulation 12, Rule 4	Miscellaneous Standards of Performance - Sandblasting (9/2/81)	Y ¹
California Health and Safety Code Section 41750 et seq.	Portable Equipment	N
California Health and Safety Code Section 44300 et seq.	Air Toxics "Hot Spots" Information and Assessment Act of 1987	N
<u>California Health and Safety Code Title 17, Section 93115</u>	<u>Airborne Toxic Control Measure for Stationary Compression Ignition Engines</u>	<u>N</u>
<u>California Health and Safety Code Title 17, Section 93116</u>	<u>Airborne Toxic Control Measure for Diesel Particulate Matter from Portable Engines Rated at 50 Horsepower and Greater</u>	<u>N</u>
<u>California Health and Safety Code Title 17, Subchapter 10, Article 2, Sections 95100 through 95109</u>	<u>Mandatory Greenhouse Gas Emissions Reporting</u>	<u>N</u>
40 CFR Part 61, Subpart A	National Emission Standards for Hazardous Air Pollutants – General Provisions (5/28/03)	Y
<u>40 CFR Part 61, Subpart M</u>	<u>National Emission Standards for Hazardous Air Pollutants – National Emission Standard for Asbestos (7/20/04)</u>	<u>Y</u>
<u>EPA Regulation 40 CFR 82 Subpart F, 40 CFR 82.156</u>	<u>Protection of Stratospheric Ozone (-4/13/05) Recycling and Emissions Reductions – Required Practices</u>	<u>Y</u>
<u>Subpart F, 40 CFR 82.161</u>	<u>Recycling and Emissions Reductions – Technician Certification</u>	<u>Y</u>
<u>Subpart F, 40 CFR 82.166</u>	<u>Recycling and Emissions Reductions – Reporting and Recordkeeping Requirements</u>	<u>Y</u>
<u>EPA Regulation 40 CFR Part 98</u>	<u>Mandatory Greenhouse Gas Reporting (3/16/10)</u>	<u>Y</u>

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.

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 parentheses 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 of Directors.
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. The full language of SIP requirements is on EPA Region 9’s website. The address is: <http://yosemite.epa.gov/r9/r9sips.nsf/Agency?ReadForm&count=500&state=California&cat=Bay+Area+Air+Quality+Management+District-Agency-Wide+Provisions>. All other text may be found in the regulations themselves.

Table IV-A
Source-Specific Applicable Requirements
S-1, S-7: Roller Coaters, Line 1 & Line 2

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 1	General Provisions and Definitions (5/4/115/2/01)		
1-523	Parametric Monitoring and Recordkeeping Procedures	N	
1-523.1	Reporting requirement for periods of inoperation > 24 hours	Y	
1-523.2	Limit on duration of inoperation	Y	
1-523.3	Reporting requirement for violations of any applicable limits	N	
1-523.4	Records of inoperation, tests, calibrations, adjustments, & maintenance	Y	
1-523.5	Maintenance and calibration	N	
SIP Regulation 1	General Provisions and Definitions (6/28/99)		
1-523	Parametric Monitoring and Recordkeeping Procedures	Y ¹	

VI. Source-Specific Applicable Requirements

**Table IV-A
 Source-Specific Applicable Requirements
 S-1, S-7: Roller Coaters, Line 1 & Line 2**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
1-523.3	Reports of Violations	Y ¹	
BAAQMD Regulation 8, Rule 11	Organic Compounds – Metal Container, Closure And Coil Coating (11/19/97)		
8-11-302	Emission Control Device Requirement (alternative to coating limits)	Y	
8-11-306	Surface Preparation and Cleanup Solvent	Y	
8-11-402	Operation and Maintenance Plan	Y	
8-11-501	Coating Records	Y	
8-11-504	Afterburner Temperature Monitoring (where applicable)	Y	
NSPS Part 60	Standards of Performance for New Stationary Sources (12/23/71)		
Subpart A	General Provisions	Y	
60.7	Notification and Record Keeping	Y	
60.8 (a)	Initial Performance Test	Y	
60.9	Availability of Information	Y	
60.11 (a)	Compliance with standards and maintenance requirements	Y	
60.12	Circumvention	Y	
60.13 (a)(b)(e)(f)(i)	Monitoring Requirements	Y	
NSPS Subpart WW	Standards of Performance for the Beverage Can Surface Coating Industry (8/25/83)		
60.492 (a)	VOC Limit – Two-Piece Can Exterior Basecoat	Y	
60.493 (b)	Monthly Performance Test	Y	
60.494	Monitoring of Operations	Y	
60.495	Reporting and Recordkeeping	Y	
60.496	Test Methods and Procedures	Y	
BAAQMD Cond #391			
part 1	Facility VOC and HAP Limits [Cumulative Increase, 40 CFR 63.34810(b)]	Y	
parts <u>12a, 12b, 12c</u>	Recordkeeping [Cumulative Increase, Regulation 2-1-403, <u>Regulation 2-6-501</u>]	Y	

VI. Source-Specific Applicable Requirements

**Table IV-A
 Source-Specific Applicable Requirements
 S-1, S-7: Roller Coaters, Line 1 & Line 2**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
part 13	NSPS notification requirements to EPA Region IX [40 CFR Part 60, Subpart A and WW]	Y	
part 14	Performance test [40 CFR Part 60, Subpart A and WW]	Y	

1 ~~4~~ 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.

**Table IV-B
 Source-Specific Applicable Requirements
 S-2, S-8: Coater Ovens**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 1	General Provisions and Definitions (5/4/115/2/01)		
1-523	Parametric Monitoring and Recordkeeping Procedures	N	
1-523.1	Reporting requirement for periods of inoperation > 24 hours	Y	
1-523.2	Limit on duration of inoperation	Y	
1-523.3	Reporting requirement for violations of any applicable limits	N	
1-523.4	Records of inoperation, tests, calibrations, adjustments, & maintenance	Y	
1-523.5	Maintenance and calibration	N	
SIP Regulation 1	General Provisions and Definitions (6/28/99)		
1-523	Parametric Monitoring and Recordkeeping Procedures	Y ¹	
1-523.3	Reports of Violations	Y ¹	
BAAQMD Regulation 8, Rule 11	Organic Compounds – Metal Container, Closure And Coil Coating (11/19/97)		
8-11-302	Emission Control Device Requirement (alternative to coating limits)	Y	

VI. Source-Specific Applicable Requirements

**Table IV-B
 Source-Specific Applicable Requirements
 S-2, S-8: Coater Ovens**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
8-11-402	Operation and Maintenance Plan	Y	
8-11-504	Afterburner Temperature Monitoring (where applicable)	Y	
NSPS Part 60	Standards of Performance for New Stationary Sources (12/23/71)		
Subpart A	General Provisions		
60.7	Notification and Record Keeping	Y	
60.8 (a)	Initial Performance Test	Y	
60.9	Availability of Information	Y	
60.11 (a)	Compliance with standards and maintenance requirements	Y	
60.12	Circumvention	Y	
60.13 (a)(b)(e)(f)(i)	Monitoring Requirements	Y	
NSPS Subpart WW	Standards of Performance for the Beverage Can Surface Coating Industry (8/25/83)		
60.492(a)	VOC Limits	Y	
60.493 (b)	Monthly Performance Test	Y	
60.494	Monitoring of Operations	Y	
60.495	Reporting and Recordkeeping	Y	
60.496	Test Methods and Procedures	Y	
BAAQMD Cond #391			
part 1	Facility VOC and HAP Limits [Cumulative Increase, 40 CFR 63.34810(b)]	Y	
part 2	Afterburner <u>Regenerative Thermal Oxidizer</u> Requirement [BACT, Regulation 8-11-302]	Y	
part 3	Automatic Oven Shutdown when Airflow is Lost [BACT]	Y	
part 5	Afterburner <u>Regenerative Thermal Oxidizer</u> VOC Control Efficiency [BACT]	Y	
part 6	Incinerator <u>Regenerative Thermal Oxidizer</u> Temperature [BACT]	Y	
part 7	Incinerator <u>Regenerative Thermal Oxidizer</u> Temperature Monitoring/Recording [BACT, Regulation 8-11-504]	Y	
part 8	Allowable temperature excursions [Regulation 2-1-403]	Y	

VI. Source-Specific Applicable Requirements

**Table IV-B
 Source-Specific Applicable Requirements
 S-2, S-8: Coater Ovens**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
part 9	Allowable temperature excursion recordkeeping [Regulation 2-1-403]	Y	
part 10	Definition of temperature excursion [Regulation 2-1-403]	Y	
part 11	Incinerator Regenerative Thermal Oxidizer Temperature Recordkeeping [BACT, Regulation 2-6-501]	Y	
parts 12a, 12b, 12c	Recordkeeping [Cumulative Increase, Regulation 2-1-403, Regulation 2-6-501]	Y	
part 13	NSPS notification requirements to EPA Region IX [40 CFR Part 60, Subpart A and WW]	<u>Y</u>	
part 14	Performance test [40 CFR Part 60, Subpart A and WW]	<u>Y</u>	

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.

VI. Source-Specific Applicable Requirements

**Table IV-C
 Source-Specific Applicable Requirements
 S-3, S-9: Printers, Line 1 & Line 2**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 1	General Provisions and Definitions (5/4/115/2/01)		
1-523	Parametric Monitoring and Recordkeeping Procedures	N	
1-523.1	Reporting requirement for periods of inoperation > 24 hours	Y	
1-523.2	Limit on duration of inoperation	Y	
1-523.3	Reporting requirement for violations of any applicable limits	N	
1-523.4	Records of inoperation, tests, calibrations, adjustments, & maintenance	Y	
1-523.5	Maintenance and calibration	N	
SIP Regulation 1	General Provisions and Definitions (6/28/99)		
1-523	Parametric Monitoring and Recordkeeping Procedures	Y ¹	
1-523.3	Reports of Violations	Y ¹	
BAAQMD Regulation 8, Rule 11	Organic Compounds – Metal Container, Closure And Coil Coating (11/19/97)		
8-11-302	Emission Control Device Requirement (alternative to coating limits)	Y	
8-11-306	Surface Preparation and Cleanup Solvent	Y	
8-11-402	Operation and Maintenance Plan	Y	
8-11-501	Coating Records	Y	
8-11-504	Afterburner Temperature Monitoring (where applicable)	Y	
NSPS Part 60	Standards of Performance for New Stationary Sources (12/23/71)		
Subpart A	General Provisions		
60.7	Notification and Record Keeping	Y	
60.8 (a)	Initial Performance Test	Y	
60.9	Availability of Information	Y	
60.11 (a)	Compliance with standards and maintenance requirements	Y	
60.12	Circumvention	Y	
60.13 (a)(b)(e)(f)(i)	Monitoring Requirements	Y	

VI. Source-Specific Applicable Requirements

**Table IV-C
 Source-Specific Applicable Requirements
 S-3, S-9: Printers, Line 1 & Line 2**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
NSPS Subpart WW	Standards of Performance for the Beverage Can Surface Coating Industry (8/25/83)		
60.492 (b)	VOC Limit – Two-Piece Can Clear Basecoat and Overvarnish	Y	
60.493 (b)	Monthly Performance Test	Y	
60.494	Monitoring of Operations	Y	
60.495	Reporting and Recordkeeping	Y	
60.496	Test Methods and Procedures	Y	
BAAQMD Cond #391			
part 1	Facility VOC and HAP Limits [Cumulative Increase, 40 CFR 63.3480(b)]	Y	
parts 12a , 12b , 12c	Recordkeeping [Cumulative Increase, Regulation 2-1-403, Regulation 2-6-501]	Y	
part 13	NSPS notification requirements to EPA Region IX [40 CFR Part 60, Subpart A and WW]	<u>Y</u>	
part 14	Performance test [40 CFR Part 60, Subpart A and WW]	<u>Y</u>	

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.

**Table IV-D
 Source-Specific Applicable Requirements
 S-4, S-10: Printer Ovens**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 1	General Provisions and Definitions (5/4/115/2/01)		
1-523	Parametric Monitoring and Recordkeeping Procedures	N	
1-523.1	Reporting requirement for periods of inoperation > 24 hours	Y	
1-523.2	Limit on duration of inoperation	Y	

VI. Source-Specific Applicable Requirements

**Table IV-D
 Source-Specific Applicable Requirements
 S-4, S-10: Printer Ovens**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
1-523.3	Reporting requirement for violations of any applicable limits	N	
1-523.4	Records of inoperation, tests, calibrations, adjustments, & maintenance	Y	
1-523.5	Maintenance and calibration	N	
SIP Regulation 1	General Provisions and Definitions (6/28/99)		
1-523	Parametric Monitoring and Recordkeeping Procedures	Y ¹	
1-523.3	Reports of Violations	Y ¹	
BAAQMD Regulation 8, Rule 11	Organic Compounds – Metal Container, Closure And Coil Coating (11/19/97)		
8-11-302	Emission Control Device Requirement (alternative to coating limits)	Y	
8-11-402	Operation and Maintenance Plan	Y	
8-11-504	Afterburner Temperature Monitoring (where applicable)	Y	
NSPS Part 60	Standards of Performance for New Stationary Sources (12/23/71)		
Subpart A	General Provisions		
60.7	Notification and Record Keeping	Y	
60.8 (a)	Initial Performance Test	Y	
60.9	Availability of Information	Y	
60.11 (a)	Compliance with standards and maintenance requirements	Y	
60.12	Circumvention	Y	
60.13 (a)(b)(e)(f)(i)	Monitoring Requirements	Y	
NSPS Subpart WW	Standards of Performance for the Beverage Can Surface Coating Industry (8/25/83)		
60.492(b)	VOC Limits	Y	
60.493 (b)	Monthly Performance Test	Y	
60.494	Monitoring of Operations	Y	
60.495	Reporting and Recordkeeping	Y	
60.496	Test Methods and Procedures	Y	
BAAQMD Cond #391			

VI. Source-Specific Applicable Requirements

**Table IV-D
 Source-Specific Applicable Requirements
 S-4, S-10: Printer Ovens**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
part 1	Facility VOC and HAP Limits [Cumulative Increase, 40 CFR 63.3480(b)]	Y	
part 2	Afterburner <u>Regenerative Thermal Oxidizer</u> Requirement [BACT, Regulation 8-11-302]	Y	
part 3	Automatic Oven Shutdown when Airflow is Lost [BACT]	Y	
part 5	Afterburner <u>Regenerative Thermal Oxidizer</u> VOC Control Efficiency [BACT]	Y	
part 6	Incinerator <u>Regenerative Thermal Oxidizer</u> Temperature [BACT]	Y	
part 7	Incinerator <u>Regenerative Thermal Oxidizer</u> Temperature Monitoring/Recording [BACT, Regulation 8-11-504]	Y	
part 8	Allowable temperature excursions [Regulation 2-1-403]	Y	
part 9	Allowable temperature excursion recordkeeping [Regulation 2-1-403]	Y	
part 10	Definition of temperature excursion [Regulation 2-1-403]	Y	
part 11	Incinerator <u>Regenerative Thermal Oxidizer</u> Temperature Recordkeeping [BACT, Regulation 2-6-501]	Y	
parts <u>12a, 12b, 12c</u>	Recordkeeping [Cumulative Increase, Regulation 2-1-403, Regulation 2-6-501]	Y	
<u>part 13</u>	<u>NSPS notification requirements to EPA Region IX [40 CFR Part 60, Subpart A and WW]</u>	<u>Y</u>	
<u>part 14</u>	<u>Performance test [40 CFR Part 60, Subpart A and WW]</u>	<u>Y</u>	

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.

VI. Source-Specific Applicable Requirements

**Table IV-E
 Source-Specific Applicable Requirements
 S-5, S-11: Inside Spray Machines, Line 1 & Line 2**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 1	General Provisions and Definitions (5/4/115/2/01)		
1-523	Parametric Monitoring and Recordkeeping Procedures	N	
1-523.1	Reporting requirement for periods of inoperation > 24 hours	Y	
1-523.2	Limit on duration of inoperation	Y	
1-523.3	Reporting requirement for violations of any applicable limits	N	
1-523.4	Records of inoperation, tests, calibrations, adjustments, & maintenance	Y	
1-523.5	Maintenance and calibration	N	
SIP Regulation 1	General Provisions and Definitions (6/28/99)		
1-523	Parametric Monitoring and Recordkeeping Procedures	Y ¹	
1-523.3	Reports of Violations	Y ¹	
BAAQMD Regulation 6, Rule 1	Particulate Matter, General Requirements (12/5/07)	N	
6-1-301	Ringelmann #1 Limitation	N	
6-1-305	Visible Particles	N	
6-1-310	Particulate Weight Limitation	N	
6-1-401	Appearance of Emissions	N	
BAAQMD-SIP Regulation 6	Particulate Matter and Visible Emissions (12/19/99/4/98)		
6-301	Ringelmann #1 Limitation	Y	
6-305	Visible Particles	Y	
6-310	Particulate Weight Limitation	Y	
6-401	Appearance of Emissions	Y	
BAAQMD- Regulation 6, Rule 1	Particulate Matter, General Requirements (12/5/07)	N	
6-1-301	Ringelmann #1 Limitation	N	
6-1-305	Visible Particles	N	
6-1-310	Particulate Weight Limitation	N	
6-1-401	Appearance of Emissions	N	

VI. Source-Specific Applicable Requirements

**Table IV-E
 Source-Specific Applicable Requirements
 S-5, S-11: Inside Spray Machines, Line 1 & Line 2**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8, Rule 11	Organic Compounds – Metal Container, Closure And Coil Coating (11/19/97)		
8-11-302	Emission Control Device Requirement (alternative to coating limits)	Y	
8-11-306	Surface Preparation and Cleanup Solvent	Y	
8-11-402	Operation and Maintenance Plan	Y	
8-11-501	Coating Records	Y	
8-11-504	Afterburner Temperature Monitoring (where applicable)	Y	
NSPS Part 60	Standards of Performance for New Stationary Sources (12/23/71)		
Subpart A	General Provisions		
60.7	Notification and Record Keeping	Y	
60.8 (a)	Initial Performance Test	Y	
60.9	Availability of Information	Y	
60.11 (a)	Compliance with standards and maintenance requirements	Y	
60.12	Circumvention	Y	
60.13 (a)(b)(e)(f)(i)	Monitoring Requirements	Y	
NSPS Subpart WW	Standards of Performance for the Beverage Can Surface Coating Industry (8/25/83)		
60.492 (c)	VOC Limit – Two-Piece Can Inside Spray	Y	
60.493 (b)	Monthly Performance Test	Y	
60.494	Monitoring of Operations	Y	
60.495	Reporting and Recordkeeping	Y	
60.496	Test Methods and Procedures	Y	
BAAQMD Cond #391			
part 1	Facility VOC and HAP Limits [Cumulative Increase, 40 CFR 63.3480(b)]	Y	
part 4	Exhaust Duct Vacuum Pressure [BACT]	Y	
part 5	Afterburner <u>Regenerative Thermal Oxidizer</u> VOC Control Efficiency [BACT]	Y	
part 6	Incinerator <u>Regenerative Thermal Oxidizer</u> Temperature [BACT]	Y	

VI. Source-Specific Applicable Requirements

**Table IV-E
 Source-Specific Applicable Requirements
 S-5, S-11: Inside Spray Machines, Line 1 & Line 2**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
part 7	Incinerator <u>Regenerative Thermal Oxidizer</u> Temperature Monitoring/Recording [BACT, Regulation 8-11-504]	Y	
part 8	Allowable temperature excursions [Regulation 2-1-403]	Y	
part 9	Allowable temperature excursion recordkeeping [Regulation 2-1-403]	Y	
part 10	Definition of temperature excursion [Regulation 2-1-403]	Y	
part 11	Incinerator <u>Regenerative Thermal Oxidizer</u> Temperature Recordkeeping [BACT, <u>Regulation 2-6-501</u>]	Y	
parts <u>12a, 12b, 12c</u>	Recordkeeping [Cumulative Increase, Regulation 2-1-403, <u>Regulation 2-6-501</u>]	Y	
<u>part 13</u>	<u>NSPS notification requirements to EPA Region IX [40 CFR Part 60, Subpart A and WW]</u>	<u>Y</u>	
<u>part 14</u>	<u>Performance test [40 CFR Part 60, Subpart A and WW]</u>	<u>Y</u>	
BAAQMD Cond #16547			
part 1	Particulate Abatement Requirement [Regulation 2-1-403]	Y	
part 2	Quarterly Baghouse Inspection [Regulation 2-1-403]	Y	
part 3	Recordkeeping [<u>Regulation 1-441</u> , 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.

VI. Source-Specific Applicable Requirements

**Table IV-F
 Source-Specific Applicable Requirements
 S-6, S-12: Bake Ovens**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 1	General Provisions and Definitions (5/4/115/2/01)		
1-523	Parametric Monitoring and Recordkeeping Procedures	N	
1-523.1	Reporting requirement for periods of inoperation > 24 hours	Y	
1-523.2	Limit on duration of inoperation	Y	
1-523.3	Reporting requirement for violations of any applicable limits	N	
1-523.4	Records of inoperation, tests, calibrations, adjustments, & maintenance	Y	
1-523.5	Maintenance and calibration	N	
SIP Regulation 1	General Provisions and Definitions (6/28/99)		
1-523	Parametric Monitoring and Recordkeeping Procedures	Y ¹	
1-523.3	Reports of Violations	Y ¹	
BAAQMD Regulation 8, Rule 11	Organic Compounds – Metal Container, Closure And Coil Coating (11/19/97)		
8-11-302	Emission Control Device Requirement (alternative to coating limits)	Y	
8-11-402	Operation and Maintenance Plan	Y	
8-11-504	Afterburner Temperature Monitoring (where applicable)	Y	
NSPS Part 60 Subpart A	Standards of Performance for New Stationary Sources (12/23/71) General Provisions	Y	
60.7	Notification and Record Keeping	Y	
60.8 (a)	Initial Performance Test	Y	
60.9	Availability of Information	Y	
60.11 (a)	Compliance with standards and maintenance requirements	Y	
60.12	Circumvention	Y	
60.13 (a)(b)(e)(f)(i)	Monitoring Requirements	Y	
NSPS Subpart WW	Standards of Performance for the Beverage Can Surface Coating Industry (8/25/83)		
60.492(c)	VOC Limits	Y	

VI. Source-Specific Applicable Requirements

**Table IV-F
 Source-Specific Applicable Requirements
 S-6, S-12: Bake Ovens**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
60.493 (b)	Monthly Performance Test	Y	
60.494	Monitoring of Operations	Y	
60.495	Reporting and Recordkeeping	Y	
60.496	Test Methods and Procedures	Y	
BAAQMD Cond #391			
part 1	Facility VOC and HAP Limits [Cumulative Increase, 40 CFR 63.3480(b)]	Y	
part 2	Afterburner <u>Regenerative Thermal Oxidizer</u> Requirement [BACT, Regulation 8-11-302]	Y	
part 3	Automatic Oven Shutdown when Airflow is Lost [BACT]	Y	
part 5	Afterburner <u>Regenerative Thermal Oxidizer</u> VOC Control Efficiency [BACT]	Y	
part 6	Incinerator <u>Regenerative Thermal Oxidizer</u> Temperature [BACT]	Y	
part 7	Incinerator <u>Regenerative Thermal Oxidizer</u> Temperature Monitoring/Recording [BACT, Regulation 8-11-504]	Y	
part 8	Allowable temperature excursions [Regulation 2-1-403]	Y	
part 9	Allowable temperature excursion recordkeeping [Regulation 2-1-403]	Y	
part 10	Definition of temperature excursion [Regulation 2-1-403]	Y	
part 11	Incinerator <u>Regenerative Thermal Oxidizer</u> Temperature Recordkeeping [BACT, Regulation 2-6-501]	Y	
parts <u>12a, 12b, 12c</u>	Recordkeeping [Cumulative Increase, Regulation 2-1-403, Regulation 2-6-501]	Y	
<u>part 13</u>	<u>NSPS notification requirements to EPA Region IX [40 CFR Part 60, Subpart A and WW]</u>	<u>Y</u>	
<u>part 14</u>	<u>Performance test [40 CFR Part 60, Subpart A and WW]</u>	<u>Y</u>	

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.

VI. Source-Specific Applicable Requirements

**Table IV-G
 Source-Specific Applicable Requirements
 S-13, S-14, S-15: Storage Tanks; Basecoat, Overvarnish, Inside Spray**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8, Rule 5	Storage of Organic Liquids (10/18/06)		
8-5-301	Storage Tanks Control Requirements (Aboveground Tanks >9,906 gallons to <19,803 gallons)	N	
8-5-302	Requirements for Submerged Fill Pipes	N	
8-5-501.1	Records (Fixed Roof Tanks)	N	
BAAQMSIP Regulation 8, Rule 5	Storage of Organic Liquids (6/5/03)(4/27/02)		
8-5-301	Storage Tanks Control Requirements (Aboveground Tanks >9,906 gallons to <19,803 gallons)	Y	
8-5-302	Requirements for Submerged Fill Pipes	Y	
8-5-501.1	Records (Fixed Roof Tanks)	Y	

**Table IV-H
 Source-Specific Applicable Requirements
 S-16: Scrap Collection System**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 6, Rule 1	Particulate Matter, General Requirements (12/5/07)		
6-1-301	Ringelmann #1 Limitation	N	
6-1-305	Visible Particles	N	
6-1-310	Particulate Weight Limitation	N	
6-1-311	Process Weight Limitation	N	
6-1-401	Appearance of Emissions	N	
BAAQMSIP Regulation 6	Particulate Matter and Visible Emissions (12/19/90)(9/4/98)		

VI. Source-Specific Applicable Requirements

**Table IV-H
 Source-Specific Applicable Requirements
 S-16: Scrap Collection System**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
6-301	Ringelmann #1 Limitation	Y	
6-305	Visible Particles	Y	
6-310	Particulate Weight Limitation	Y	
6-311	Process Weight Limitation	Y	
6-401	Appearance of Emissions	Y	

**Table IV-I
 Source-Specific Applicable Requirements
 S-17: Lime Silo**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
<u>BAAQMD Regulation 6, Rule 1</u>	<u>Particulate Matter, General Requirements (12/5/07)</u>		
<u>6-1-301</u>	<u>Ringelmann #1 Limitation</u>	<u>N</u>	
<u>6-1-305</u>	<u>Visible Particles</u>	<u>N</u>	
<u>6-1-310</u>	<u>Particulate Weight Limitation</u>	<u>N</u>	
<u>6-1-311</u>	<u>Process Weight Limitation</u>	<u>N</u>	
<u>6-1-401</u>	<u>Appearance of Emissions</u>	<u>N</u>	
<u>SIP Regulation 6</u>	<u>Particulate Matter and Visible Emissions ((9/4/98)</u>		
<u>6-301</u>	<u>Ringelmann #1 Limitation</u>	<u>Y</u>	
<u>6-305</u>	<u>Visible Particles</u>	<u>Y</u>	
<u>6-310</u>	<u>Particulate Weight Limitation</u>	<u>Y</u>	
<u>6-311</u>	<u>Process Weight Limitation</u>	<u>Y</u>	
<u>6-401</u>	<u>Appearance of Emissions</u>	<u>Y</u>	
<u>BAAQMD Regulation 6, Rule 1</u>	<u>Particulate Matter, General Requirements (12/5/07) and Visible Emissions (12/19/90)</u>		
<u>6-1-301</u>	<u>Ringelmann #1 Limitation</u>	<u>NY</u>	
<u>6-1-305</u>	<u>Visible Particles</u>	<u>NY</u>	
<u>6-1-310</u>	<u>Particulate Weight Limitation</u>	<u>NY</u>	
<u>6-1-311</u>	<u>Process Weight Limitation</u>	<u>NY</u>	
<u>6-1-401</u>	<u>Appearance of Emissions</u>	<u>NY</u>	

VI. Source-Specific Applicable Requirements

**Table IV-I
 Source-Specific Applicable Requirements
 S-17: Lime Silo**

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Cond #16548			
part 1	Particulate Abatement Requirement [Regulation 2-1-403]	Y	
part 2	Annual Visible Emissions Inspection [Regulation 2-1-403]	Y	
part 3	Recordkeeping [Regulation 1-441, Regulation 2-6-501]	Y	

**Table IV-J
 Source-Specific Applicable Requirements
 S-21: Emergency Diesel Fire Pump Engine**

<u>Applicable Requirement</u>	<u>Regulation Title or Description of Requirement</u>	<u>Federally Enforceable (Y/N)</u>	<u>Future Effective Date</u>
<u>BAAQMD Regulation 6, Rule 1</u>	<u>Particulate Matter, General Requirements (12/5/07)</u>		
<u>6-1-303</u>	<u>Ringelmann Number 2 Limitation</u>	<u>N</u>	
<u>6-1-303.1</u>	<u>Ringelmann Number 2 Limitation for engines</u>	<u>N</u>	
<u>6-1-305</u>	<u>Visible Particles</u>	<u>N</u>	
<u>6-1-310</u>	<u>Particulate Weight Limitation</u>	<u>N</u>	
<u>6-1-401</u>	<u>Appearance of Emissions</u>	<u>N</u>	
<u>SIP Regulation 6</u>	<u>Particulate Matter and Visible Emissions (9/4/98)</u>		
<u>6-303</u>	<u>Ringelmann Number 2 Limitation</u>	<u>Y</u>	
<u>6-303.1</u>	<u>Ringelmann Number 2 Limitation for engines</u>	<u>Y</u>	
<u>6-305</u>	<u>Visible Particles</u>	<u>Y</u>	
<u>6-310</u>	<u>Particulate Weight Limitation</u>	<u>Y</u>	
<u>6-401</u>	<u>Appearance of Emissions</u>	<u>Y</u>	
<u>BAAQMD Regulation 9, Rule 1</u>	<u>Inorganic Gaseous Pollutants – Sulfur Dioxide (3/15/95)</u>		
<u>9-1-301</u>	<u>Limitations on Ground Level Concentrations</u>	<u>Y</u>	
<u>9-1-304</u>	<u>Fuel Burning (Liquid and Solid Fuels)</u>	<u>Y</u>	

VI. Source-Specific Applicable Requirements

**Table IV-J
 Source-Specific Applicable Requirements
 S-21: Emergency Diesel Fire Pump Engine**

<u>Applicable Requirement</u>	<u>Regulation Title or Description of Requirement</u>	<u>Federally Enforceable (Y/N)</u>	<u>Future Effective Date</u>
BAAQMD Regulation 9, Rule 8	Inorganic Gaseous Pollutants-Nitrogen Oxides from Stationary Engines (7/25/07)		
9-8-110.5	Limited Exemption Emergency Standby Engines	N	
9-8-330	Emergency Standby Engines, Hours of Operation	N	
9-8-330.1	Unlimited hours for emergency use	N	
9-8-330.2	100 hours for reliability and maintenance	N	
9-8-330.3	50 hours for reliability and maintenance	N	1/1/12
9-8-502	Recordkeeping	N	
9-8-502.1	Monthly records of usage	N	
9-8-530	Emergency standby engines, monitoring and recordkeeping	N	
CCR, Title 17, Section 93115	ATCM for Stationary Compression Ignition Engines	N	
93115.5	Fuel and Fuel Additive Requirements for New and In-Use Stationary CI Engines That Have a Rated Brake Horsepower of Greater than 50 (> bhp)	N	
93115.5(a)	Fuel requirements for new emergency standby stationary diesel-fueled CI engines	N	
93115.5(a)(1)	Must use CARB Diesel Fuel	N	
93115.6	ATCM for Stationary CI Engines – Emergency Standby Diesel-Fueled CI Engine (>50 bhp) Operating Requirements and Emission Standards	N	
93115.6(a)	New Emergency Standby Diesel-Fueled CI Engine (> 50 bhp) Operating Requirements and Emission Standard	N	
93115.6(a)(1)	At School and Near-School Provisions	N	
93115.6(a)(3)	Emission and operation standards	N	
93115.6(a)(3)(A)	Diesel PM Standard and Hours of Operation Limitations	N	
93115.6(a)(3)(A)(1)	General Requirements	N	
93115.6(a)(3)(A)(1)(c)	Operating for maintenance and testing limited to 50 hrs/year when PM emitted at a rate < 0.15 g/bhp-hr, or when meeting the diesel PM standards of Title 13 CCR, Section 2423, whichever is more stringent, except as provided in 93115.6(a)(3)(A)(2), excluding operating for emergency use and emissions testing	N	

VI. Source-Specific Applicable Requirements

Table IV-J
Source-Specific Applicable Requirements
S-21: Emergency Diesel Fire Pump Engine

<u>Applicable Requirement</u>	<u>Regulation Title or Description of Requirement</u>	<u>Federally Enforceable (Y/N)</u>	<u>Future Effective Date</u>
93115.6(a)(3)(A)(2)	Operation for maintenance and testing allowed to be 100 hrs/year when PM emitted at a rate < 0.01 g/bhp-hr	N	
93115.6(a)(4)(A)(1)(c)	Operating for maintenance and testing to comply with National Fire Protection Association 25-“Standard for Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems”	N	
93115.10	ATCM for Stationary CI Engines – Recordkeeping, Reporting, and Monitoring Requirements	N	
93115.10(de)	Monitoring Equipment	N	
93115.10(de)(1)	Install non-resettable hour meter with minimum display of 9,999 hours	N	
93115.10(fe)	Reporting Requirements for Emergency Standby Engines	N	
93115.14	Test Methods		
93115.15	Severability	N	
<u>40 CFR Part 60 Subpart III</u>	<u>Standards of Performance for Stationary Compression Ignition Internal Combustion Engines (7/11/06)</u>	<u>N</u>	
60.4200(a)(2)(ii)	Applicability: Owner/operators of stationary compression ignition (CI) internal combustion engines (ICE) constructed > July 11, 2005 and manufactured > July 1, 2006 that are certified National Fire Protection Association (NFPA) fire pump engines.	Y	
60.4202	Emission standards for emergency engines for CI ICE Manufacturers (Incorporated by Reference – 60.4205(b))	Y	
60.4202(d)	Emission standards for fire pump stationary CI ICE	Y	
60.4205	Emission standards for emergency engines	Y	
60.4205(c)	Emission standards for fire pump stationary CI ICE	Y	
60.4206	Meet emission standards for the entire life of the engine	Y	
60.4207	Fuel requirements	Y	
60.4207(a)	Use diesel fuel that meets the requirements of 40 CFR Part 80.510(a)	Y	
60.4207(b)	Use diesel fuel that meet the requirements of 40 CFR Part 80.510(b) for nonroad diesel fuel	Y	
60.4209	Monitoring requirements	Y	
60.4209(a)	Install a non-resettable hour meter prior to engine startup	Y	
60.4211	Compliance requirements	Y	
60.4211(a)	Comply with emission standards, operate and maintain CI ICE per manufacturer’s written instructions and only change setting as permitted by manufacturer.	Y	

VI. Source-Specific Applicable Requirements

Table IV-J
Source-Specific Applicable Requirements
S-21: Emergency Diesel Fire Pump Engine

<u>Applicable Requirement</u>	<u>Regulation Title or Description of Requirement</u>	<u>Federally Enforceable (Y/N)</u>	<u>Future Effective Date</u>
60.4211(c)	Comply with the emissions standard specified by 60.4205(c) by purchasing an engine certified to the emission standards for the same model and maximum engine power	Y	
60.4211(f)	Emergency ICE may be operated for maintenance and readiness checks limited to 100 hrs/year with no limit on operation for emergency purposes.	Y	
60.4214	Notification, reporting, and recordkeeping requirements	Y	
60.4214(b)	Initial notification is not requirement for emergency stationary ICE. If the emergency ICE does not meet the non-emergency emission standards for the applicable model year in Table 5, maintain records of emergency and non-emergency service as recorded by the non-resettable hour meter. Record time and reason for operation. (Records are not required because the 2008 model year is not listed in Table 5)	Y	
60.4218	Comply with General Provisions as shown in Table 8	Y	
40 CFR Part 63 Subpart A	National Emissions Standards for Hazardous Air Pollutants for Source Categories, Subpart A – General Provisions		
63.1	General Applicability of the General Provisions	Y	
63.2	Definitions	Y	
63.3	Units and Abbreviations	Y	
63.4	Prohibited activities and circumvention	Y	
63.6(a)	Compliance with standards and maintenance requirements - Applicability	Y	
63.6(c)	Compliance dates for existing sources	Y	
63.6(f)(2)	Methods for determining compliance	Y	
63.6(f)(3)	Finding of compliance	Y	
63.6(g)	Use of an alternative nonopacity emission standard	Y	
63.6(i)	Compliance extension procedures and criteria	Y	
63.6(j)	Presidential compliance exemption	Y	
63.10(a)	Recordkeeping and reporting requirements, applicability and general information	Y	
63.10(b)(1)	Record retention	Y	
63.10(f)	Administrator waiver of recordkeeping or reporting requirements	Y	
63.12	State authority and delegations	Y	
63.13	Addresses of air pollution control agencies and EPA Regional Offices	Y	
63.14	Incorporation by reference	Y	
63.15	Availability of information and confidentiality	Y	

VI. Source-Specific Applicable Requirements

**Table IV-J
 Source-Specific Applicable Requirements
 S-21: Emergency Diesel Fire Pump Engine**

<u>Applicable Requirement</u>	<u>Regulation Title or Description of Requirement</u>	<u>Federally Enforceable (Y/N)</u>	<u>Future Effective Date</u>
<u>40 CFR Part 63 Subpart ZZZZ</u>	<u>National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (RICE)</u>		
<u>63.6585</u>	<u>Applicability</u>	<u>Y</u>	
<u>63.6585(a)</u>	<u>Applicable to stationary RICE</u>	<u>Y</u>	
<u>63.6585(c)</u>	<u>Applicable to area source of HAP</u>	<u>Y</u>	
<u>63.6590(a)</u>	<u>Affected source is any existing, new, or reconstructed stationary RICE located at major or area source of HAP emissions</u>	<u>Y</u>	
<u>63.6590(a)(2)</u>	<u>A New Stationary RICE is:</u>	<u>Y</u>	
<u>63.6590(a)(2)(iii)</u>	<u>located at an area source of HAP emissions, constructed on or after 6/12/2006</u>	<u>Y</u>	
<u>63.6590(c)(1)</u>	<u>A new emergency stationary RICE located at an area source with a rating < 500 bhp must meet the requirements of 40 CFR 60, Subpart III for compression ignition engines. No further requirements apply under this part.</u>	<u>Y</u>	
<u>BAAQMD Condition #24495</u>			
<u>Part 1 part 39</u>	<u>Reliability-related testing hour limit (basis: "Stationary Diesel Engine ATCM", CA Code of Regulations, Title 17, Section 93115.6(a)(3)(A)(1)(c) Fuel-sulfur content limit (TRMP, Cumulative-Increase)</u>	<u>Y</u>	
<u>Part 2 part 40</u>	<u>Emergency standby engine operations (basis: BAAQMD Regulation 9-8-330.1, "Stationary Diesel Engine ATCM", CA Code of Regulations, Title 17, Section 93115.6(a)(3)(A)(1)(c) Limit on reliability testing and non-emergency operation (Cumulative Increase, Regulations 9-8-231 and 9-8-330)</u>	<u>Y</u>	
<u>Part 3 part 41</u>	<u>Emergency standby engine non-resettable totalizing meter requirements (basis: BAAQMD Regulation 9-8-530, "Stationary Diesel Engine ATCM", CA Code of Regulations, Title 17, Section 93115.10(de)(1)) Engine Operation Counter and Recorder (Cumulative Increase)</u>	<u>Y</u>	
<u>Part 4 part 42</u>	<u>Emergency standby engine recordkeeping (basis: BAAQMD Regulations 9-8-530, 2-6-501, and "Stationary Diesel Engine ATCM", CA Code of Regulations, Title 17, Section 93115.10(fe) Record-keeping (Cumulative Increase)</u>	<u>Y</u>	

VI. Source-Specific Applicable Requirements

Table IV-J
Source-Specific Applicable Requirements
S-21: Emergency Diesel Fire Pump Engine

<u>Applicable Requirement</u>	<u>Regulation Title or Description of Requirement</u>	<u>Federally Enforceable (Y/N)</u>	<u>Future Effective Date</u>
<u>Part 5</u>	<u>Operate per manufacturer's instructions – reliability activities limited to comply with National Fire Protection Association 25-Standard for Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems (basis: "Stationary Diesel Engine ATCM", CA Code of Regulations, Title 17, Section 93115.6(a)(4)(A)(1)(c)).</u>		
<u>Part 6</u>	<u>At School or Near-School Provisions (basis: "Stationary Diesel Engine ATCM", CA Code of Regulations, Title 17, Section 93115.6(a)(1)).</u>		

V. SCHEDULE OF COMPLIANCE

The permit holder shall continue to 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 on a timely basis.

VI. PERMIT CONDITIONS

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

Condition #391

For Sources: 1 through 12 (Beverage Can Coating Sources)
and
A-9, Regenerative Thermal Oxidizer, MegTech 4.2 MMBtu/hr
max, natural gas-fired

EMISSIONS

1. The owner/operator shall ensure that total volatile
organic compound (VOC) emissions at this facility due
to coating usage and clean-up solvent usage do not
exceed 34.4 tons/year. Total emissions of hazardous air
pollutants (HAPs) at this facility shall be less than
10 tons per year for any single HAP and 25 tons per
year for any combination of HAPs.
(basis: Cumulative Increase, 40 CFR 63.3481(b))

VOC ABATEMENT

2. The owner/operator shall ensure that VOC emissions from
the following sources shall be collected and controlled
by the Regenerative Thermal Oxidizer, A-9, during all
periods of operation:
(Basis: BACT, Regulation 8-11-302)

Basecoater Pin Ovens (Sources 2 and 8)
Printer Pin Ovens (Sources 4 and 10)
Inside Bake Ovens (Sources 6 and 12)
Enclosed Inside Spray Machine Banks (Sources 5 and 11)
including the enclosed doubling boxes between spray
machines and vacuum elevators

3. The owner/operator shall ensure that the Basecoater Pin
Ovens S-2 and S-8, the Printer Pin Ovens S-4 and S-10,
and the Inside Bake Ovens S-6 and S-12 are not operated
unless ducted and vented as designed to the

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Regenerative Thermal Oxidizer A-9. The ducting from each oven shall be equipped with an airflow switch electrically connected to the oven control panel.

In the event of a loss of airflow due to mechanical failure, the affected oven shall automatically shut down and all can production at the affected line shall cease.

(Basis: BACT)

4. In order to demonstrate adequate VOC collection at the Inside Spray Machine Banks S-5 and S-11 (as described above), the owner/operator shall operate monitoring devices in the ducting from the inside spray machine banks, the enclosed doubling boxes between spray machines, and the vacuum elevators for each line. A magnahelic gauge or other approved device shall be installed and maintained downstream of each affected exhaust duct to indicate negative pressure at the duct. The owner/operator shall ensure that a minimum vacuum pressure of 0.2 inches of water column (as indicated by the monitoring devices) is maintained throughout the system.

(Basis: BACT)

5. The owner/operator shall ensure that the VOC emission control efficiency of the A-9, Regenerative Thermal Oxidizer is maintained at a minimum of 95% by weight whenever the inlet concentration of VOC to the incinerator is equal to or greater than 500 ppm, measured as methane. The owner/operator shall be charged for all uncontrolled emissions during periods of Thermal Oxidizer failure towards compliance with Part #1 above.

(Basis: BACT)

6. The owner/operator shall maintain a minimum temperature of 1600 degreesF at the A-9, Regenerative Thermal Oxidizer, to ensure compliance with the abatement efficiency in Part #5 above. The owner/operator may submit a request for an alternative minimum temperature to the District if source testing demonstrates the required control efficiency can be met at a lower temperature, but the owner/operator must ensure that the minimum temperature of 1600 degreesF is maintained at all times when the Thermal Oxidizer is required to be in operation as specified in Part #5, until an alternate minimum temperature is approved by the District in writing.

(Basis: BACT)

7. In order to insure that a minimum incinerator temperature is maintained at A-9, the owner/operator shall install and operate continuous temperature

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measuring and recording instrumentation, consisting of at least three thermocouple temperature probes in the Thermal Oxidizer and at least one recording device, which will continuously record the Thermal Oxidizer temperature as measured by each of the three thermocouples.

(Basis: BACT, Regulation 8-11-504)

8. The minimum temperature requirement in Part #6 shall not apply during an "Allowable Temperature Excursion", provided that the temperature controller setpoint complies with the 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: Cumulative Increase, Regulation 2-1-403)

9. For each Allowable Temperature Excursion that exceeds 20 degreesF and 15 minutes in duration, the owner/operator 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.

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(Basis: Regulation 2-1-403)

10. For the purposes of Parts #8 and #9, a temperature excursion refers only to temperatures below the limit.

(Basis: Regulation 2-1-403)

11. The owner/operator shall ensure that the temperature data collected from this instrumentation is maintained in a file which shall be available for District inspection for a period of at least 60 months following the date on which such data or reports are recorded or made.

(Basis: BACT, Regulation 2-6-501)

RECORDKEEPING AND REPORTING

12a. The owner/operator shall maintain the following data on a daily basis:

(Basis: Cumulative Increase)

Operating time of Coating Lines 1 and 2 Can production for each line (cans/day). Amount and type of coating used for Basecoat, Inside Spray and overvarnish. A recorded value from each exhaust duct vacuum monitoring device.

12b. The owner/operator shall maintain the following data on a weekly basis:

(Basis: Cumulative Increase)

Amount of clean-up solvent used,
Amount of Bottom Rim Varnish.

12c. The owner/operator shall ensure that these records are available for District inspection for a period of at least 60 months following the date which such data or reports are recorded.

(Basis: Regulation 2-6-501)

NSPS REQUIREMENTS

13. The owner/operator shall submit all notifications (including initial notification of construction and startup date) and reports (including an initial performance report, excess emissions and monitoring system performance reports, semiannual summary reports) as required by 40 CFR Part 60, Subpart WW to EPA Region IX and to the District at the following addresses:

(Basis: 40 CFR Part 60, Subparts A and WW)

Director, Air Division
USEPA, Region IX
75 Hawthorne Street

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San Francisco, CA 94105

Director, Compliance and Enforcement Division
BAAQMD
939 Ellis Street
San Francisco, CA 94109

14. The owner/operator shall perform initial and monthly performance tests to demonstrate that A-9, Regenerative Thermal Oxidizer, complies with the abatement efficiency requirement in 40 CFR Part 60, Subpart WW. This test and notification of such test shall be performed in accordance with the requirements in 40 CFR Part 60.8. Notifications of such tests shall be submitted to EPA at the above address and to the District's Source Test Section.
(Basis: 40 CFR Part 60, Subparts A and WW)

~~For Sources: 1 through 12 (Beverage Can Coating Sources)~~

~~EMISSIONS~~

- ~~1. Total VOC emissions due to coating usage and clean up solvent usage at this facility shall not exceed 39.2 tons/year. Total emissions of hazardous air pollutants (HAPs) at this facility shall be less than 10 tons per year for any single HAP and 25 tons per year for any combination of HAPs. (basis: Cumulative Increase, 40 CFR 63.3481(b))~~

~~VOC ABATEMENT~~

- ~~2. The owner/operator shall collect VOC and HAP emissions from the following sources shall be collected and controlled them with by a direct flame incineration afterburner during all periods of operation: (basis: BACT, Regulation 8-11-302)~~

~~Basecoater Pin Ovens (Sources 2 and 8)~~

~~Printer Pin Ovens (Sources 4 and 10)~~

~~Inside Bake Ovens (Sources 6 and 12)~~

~~Enclosed Inside Spray Machine Banks (Sources 5 and 11); including the enclosed doubling boxes between spray machines and vacuum elevators~~

- ~~3. The owner/operator shall not operate The Basecoater Pin Ovens S-2 and S-8, the Printer Pin Ovens S-4 and S-10, and the Inside Bake Ovens S-6 and S-12 shall not be operated unless ducted and vented as designed to the Direct Flame Afterburner A-1. The ducting from each oven shall be equipped with an airflow switch electrically connected to the oven control panel. In the event of a loss of airflow due to mechanical failure, the affected oven shall~~

VII. Permit Conditions

~~automatically shut down and all can production at the affected line shall cease. (basis: BACT)~~

Condition #391

~~For Sources: 1 through 12 (Beverage Can Coating Sources)~~

- ~~4. In order to demonstrate adequate VOC and HAP collection at the Inside Spray Machine Banks S-5 and S-11 (as described above), the owner/operator shall install monitoring devices shall be installed in the ducting from the inside spray machine banks, the enclosed doubling boxes between spray machines, and the vacuum elevators for each line. A manometric gauge or other approved device shall be installed and maintained downstream of each affected exhaust duct to indicate negative pressure at the duct. A minimum vacuum pressure of 0.2 inches of water column (as indicated by the monitoring devices) shall be maintained throughout the system. The vacuum pressure from each exhaust duct monitoring device shall be recorded on a daily basis. (basis: BACT)~~
- ~~5. The owner/operator shall maintain The VOC emission control efficiency of the incinerator shall be maintained at a minimum of 95% whenever the inlet concentration of VOC to the incinerator is equal to or greater than 500 ppm, measured as methane. The permit holder shall be charged for all uncontrolled emissions during periods of afterburner failure towards compliance with Part #1 above. (basis: BACT)~~
- ~~6. The owner/operator shall maintain A minimum incinerator temperature of 1375 °F shall be maintained at all times when the incinerator is required to be in operation as specified in Part #5. (basis: BACT)~~
- ~~7. In order to insure that a minimum average incinerator temperature of 1375 °F is maintained, the owner/operator shall equip the incinerator shall be equipped with continuous temperature measuring and recording instrumentation, consisting of at least three thermocouple temperature probes in the incinerator and at least one recording device, which will continuously record the incinerator temperature as measured by each of the three thermocouples. (basis: BACT, Regulation 8-11-504)~~
- ~~8. The temperature limit in part 6 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:~~

Condition #391

~~For Sources: 1 through 12 (Beverage Can Coating Sources)~~

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- 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)~~

- 9. ~~For each Allowable Temperature Excursion that exceeds 20 degrees F. and 15 minutes in duration, the owner/operator 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.~~

~~(basis: Regulation 2-1-403)~~
- 10. ~~For the purposes of parts 8 and 9, a temperature excursion refers only to temperatures below the limit.~~
- 11. ~~The owner/operator shall maintain Tthe temperature data collected from this instrumentation shall be maintained in a file which shall be available for District inspection for a period of at least 60 months following the date on which such data or reports are recorded or made. (basis: BACT, Regulation 2-6-501)~~

Condition #391

~~For Sources: 1 through 12 (Beverage Can Coating Sources)~~

IVII. Permit ConditionsEquipment

RECORDKEEPING

~~12. In order to demonstrate compliance with the above requirements, the owner/operator permit holder shall keep the following records in a District-approved log:~~

- ~~a. A complete list of all coatings and organic solvents used at Coating Lines 1 and 2. This list shall include the overall VOC content and the volume fraction of each organic HAP constituent for each coating used.~~
- ~~b. Daily records of the total amount of each coating and each organic solvent used. From this, the total mass of VOC used shall be derived.~~
- ~~c. Daily records of the total mass of VOC assumed to be captured and sent to the A-1 Afterburner.~~
- ~~d. Daily totals of VOC emissions (after abatement) from Coating Lines 1 and 2, summarized on a monthly basis.~~
- ~~e. The total mass of each organic HAP present in the coatings and solvents used on a monthly basis.~~
- ~~f. Monthly records of the total amount of each organic HAP assumed to be captured and sent to the A-1 Afterburner.~~
- ~~g. Monthly totals of the calculated abated emissions for each organic HAP present.~~

~~These records shall be kept on-site and made available for inspection by District personnel upon request for at least 60 months from the date on which a record was made. (basis: Cumulative Increase, Regulation 2-1-403)~~

Condition #16547

For Sources 5 and 11, Inside Spray Machines, Line 1 & Line 2

1. The owner/operator shall rout Aall particulate matter emissions from these sources ~~shall be routed~~to A2, Pulse Jet Baghouse. (basis: Regulation 2-1-403)
2. The owner/operator shall inspect Tthe baghouse ~~shall be inspected~~quarterly to ensure proper operation. The following items shall be checked: (basis: Regulation 2-1-403)

Condition #16547

For Sources 5 and 11, Inside Spray Machines, Line 1 & Line 2

- a. The owner/operator shall check Tthe baghouse exhaust ~~shall be checked~~for evidence of particulate breakthrough. If breakthrough is evident from dust

VII. Permit ConditionsEquipment

- buildup in the duct, the filter bags shall be checked for any tears, holes, abrasions, and scuffs, and replaced as needed.
- b. The owner/operator shall discharge All hoppers ~~shall be discharged~~ in a timely manner.
 - c. The owner/operator shall maintain and operate ~~the~~ pulsejet cleaning system ~~shall be maintained and operated~~ in accordance with the manufacturer's recommendations.
3. In order to demonstrate compliance with the above permit conditions, the owner/operator shall maintain 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. (basis: Regulation 2-6-501, 1-441)
- 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.

Condition #16548

For Source 17, Lime Silo

1. The owner/operator shall control ~~P~~ particulate matter emissions during loading operations from Source 17, Lime Silo, ~~shall be controlled~~ by A8, Lime Silo Baghouse. (basis: Regulation 2-1-403)
2. The owner/operator shall check A8, Lime Silo Baghouse, ~~shall be checked~~ for visible emissions on an annual basis. The visible emissions check shall take place while the equipment is operating and during daylight hours. If any visible emissions are detected, the operator shall take corrective action, and check for visible emissions during the next loading event. If no visible emissions are detected, the operator shall continue to check for visible emissions every year. (basis: Regulation 2-6-501)
3. The owner/operator shall keep records of all visible emissions checks, the person performing the check, and all maintenance performed on A-8, Lime Silo Baghouse. The records shall be retained for five (5) years and shall be made available to District personnel upon request. (basis: Regulation 2-6-501)

CONDITION # 24495

Rexam Beverage Can Company, P#1665

VII. Permit ConditionsEquipment

Permit Application #20859

Permit Conditions for

S-21, Emergency Diesel Fire Pump Engine, Deutz Model DFP4-2012C15, Model Year 2008, 135 bhp

1. Operating for reliability-related activities is limited to 50 hours per year per engine. (Basis: "Stationary Diesel Engine ATCM" section 93115, title 17, CA Code of Regulations, Title 17, subsection 93115.6(a)(3)(A)(1)(c) ~~(e)(2)(A)4~~)
2. The owner/operator shall operate each emergency standby engine only for the following purposes: to mitigate emergency conditions, for emission testing to show compliance with a District, state, or Federal emission limit, or for reliability-related activities (maintenance and other testing, excluding emission testing). Operating while mitigating emergency conditions or while emission testing to show compliance with District, state, or Federal emission limits is not limited. (Basis: BAAQMD Regulation 9-8-330.1, "Stationary Diesel Engine ATCM" section 93115, title 17, CA Code of Regulations, Title 17, section 93115.6(a)(3)(A)(1)(c) ~~subsection (e)(2)(A)3~~)
3. The owner/operator shall operate each emergency standby engine only when a non-resettable totalizing meter (with a minimum display capability of 9,999 hours) that measures the hours of operation for the engine is installed, operated, and properly maintained. (Basis: BAAQMD 9-8-530, "Stationary Diesel Engine ATCM" section 93115, title 17, CA Code of Regulations, Title 17, subsection 93115.10(de)(4)(G)(1), BAAQMD Regulation 9-8-530, 40 CFR Part 60.4209(a))
4. Records: The owner/operator shall maintain the following monthly records in a District-approved log for at least 60 months from the date of entry. Log entries shall be retained on-site, either at a central location or at the engine's location, and made immediately available to the District staff upon request:
 - a. Total hours of operation for reliability-related activities (maintenance and testing).
 - b. Hours of operation for emission testing to show compliance with emission limits.
 - c. Hours of operation for emergency support.
 - d. For each emergency, a description of the nature of the emergency condition.
 - e. Fuel usage for each engine.(Basis: BAAQMD Regulations 9-8-530, 1-441, 2-6-501, "Stationary Diesel Engine ATCM" section 93115, title 17, CA Code of Regulations, Title 17, section 93115.10(f) BAAQMD Regulation 1-441, Regulation 2-6-501)
5. The owner/operator shall operate each emergency standby engine in accordance with the manufacturer's written operating instructions, and reliability-related activities shall be limited to those required to comply with the testing requirements of the National Fire Protection Association 25 - Standard for Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems.

IVII. Permit ConditionsEquipment

(Basis: 40 CFR Part 60.4211(a), "Stationary Diesel Engine ATCM" section-
93115(e)(2)(A)(4), title 17, CA Code of Regulations, Title 17, section
93115.6(a)(4)(A)(1)(c))

6. At School and Near-School Operation:

If the emergency standby engine is located on school
grounds or within 500 feet of any school grounds, the
following requirements shall apply:

The owner or operator shall not operate each stationary
emergency standby diesel-fueled engine for non-emergency
use, including maintenance and testing, during the
following periods:

- a. Whenever there is a school sponsored activity (if
the engine is located on school grounds)
- b. Between 7:30 a.m. and 3:30 p.m. on days when school
is in session. "School" or "School Grounds" means
any public or private school used for the purposes
of the education of more than 12 children in
kindergarten or any of grades 1 to 12, inclusive,
but does not include any private school in which
education is primarily conducted in a private
home(s). "School" or "School Grounds" includes any
building or structure, playground, athletic field,
or other areas of school property but does not
include unimproved school property.

(Basis: "Stationary Diesel Engine ATCM" , CA Code of Regulations, Title 17, section
93115.6(a)(1))

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 using the following codes: annual (A), quarterly (Q), monthly (M), 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.

This section is only a summary of the limits and monitoring requirements. In the case of a conflict with any requirement in Sections I-VI, the preceding sections take precedence over Section VII.

Table VII-A
Applicable Limits and Compliance Monitoring Requirements
S-1, S-7: Roller Coaters, Line 1 & Line 2

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
<u>VOC</u>	BAAQMD 8-11-302 (alternative to 8-11-301.3)	Y		Abatement Device efficiency $\geq 90\%$	BAAQMD 8-11-504	C	Temperature of <u>thermal oxidizer incineration</u> unit
VOC	NSPS Subpart WW, 60.492 (a)	Y		Exterior Base Coat: 0.29 kilogram of VOC per liter (2.42 lb/gal) of coating solids	NSPS Subpart WW, 60.493 (b)	P/M	Coating records, Initial performance test, Monthly operating parameters

VIII. Applicable Limits and Compliance Monitoring Requirements Equipment

**Table VII-A
 Applicable Limits and Compliance Monitoring Requirements
 S-1, S-7: Roller Coaters, Line 1 & Line 2**

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
	Condition #391, part 1	Y		39.2 tons/yr, facility limit	Condition #391, part 12	P/D	Daily calculation of VOC emissions from Coating Lines 1 and 2
HAP	Condition #391, part 1	Y		<10 tons/yr, single HAP and <25 tons/yr, any combination of HAPs	Condition #391, part 12	P/M	Monthly calculation of HAP emissions from Coating Lines 1 and 2

**Table VII-B
 Applicable Limits and Compliance Monitoring Requirements
 S-2, S-8: Coater Ovens**

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
VOC	BAAQMD 8-11-302 (alternative to 8-11-301.3)	Y		Abatement Device efficiency $\geq 90\%$	BAAQMD 8-11-504	C	Temperature of thermal oxidizer incineration unit
	NSPS Subpart WW, 60.492 (a)	Y		Exterior Base Coat: 0.29 kilogram of VOC per liter (2.42 lb/gal) of coating solids	NSPS Subpart WW, 60.493 (b)	P/M	Coating records, Initial performance test, Monthly operating parameters

VIII. Applicable Limits and Compliance Monitoring Requirements Equipment

**Table VII-B
 Applicable Limits and Compliance Monitoring Requirements
 S-2, S-8: Coater Ovens**

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
	Condition #391, part 1	Y		39.2 tons/yr, facility limit	Condition #391, part 12	P/D	Daily calculation of VOC emissions from Coating Lines 1 and 2
	Condition #391, part 5	Y		Abatement Device efficiency $\geq 95\%$	Condition #391, part 7	C	Temperature of thermal oxidizer incineration unit
	Condition #391, part 6	Y		Minimum thermal oxidizer Incinerator Temperature of 1600 1375 degrees F	Condition #391, part 7	C	Temperature of thermal oxidizer incineration unit
HAP	Condition #391, part 1	Y		<10 tons/yr, single HAP and <25 tons/yr, any combination of HAPs	Condition #391, part 12	P/M	Monthly calculation of HAP emissions from Coating Lines 1 and 2
Periods of Inoperation for Parametric Monitors	BAAQMD 1-523.2	Y		15 consecutive days/incident and 30 calendar days/12 month period	BAAQMD 1-523.4	P/D	Operating Records for All Parametric Monitors

VIII. Applicable Limits and Compliance Monitoring Requirements

**Table VII-C
 Applicable Limits and Compliance Monitoring Requirements
 S-3, S-9: Printers, Line 1 & Line 2**

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
VOC	BAAQMD 8-11-302 (alternative to 8-11-301.3, 301.10)	Y		Abatement Device efficiency $\geq 90\%$	BAAQMD 8-11-504	C	Temperature of thermal oxidizer incineration unit
VOC	NSPS Subpart WW, 60.492 (b)	Y		Overvarnish: 0.46 kilogram of VOC per liter (3.84 lb/gal) of coating solids	NSPS Subpart WW, 60.493 (b)	P/M	Coating records, Initial performance test, Monthly operating parameters
	Condition #391, part 1	Y		39.2 tons/yr, facility limit	Condition #391, part 12	P/D	Daily calculation of VOC emissions from Coating Lines 1 and 2
HAP	Condition #391, part 1	Y		<10 tons/yr, single HAP and <25 tons/yr, any combination of HAPs	Condition #391, part 12	P/M	Monthly calculation of HAP emissions from Coating Lines 1 and 2
Periods of Inoperation for Parametric Monitors	BAAQMD 1-523.2	Y		15 consecutive days/incident and 30 calendar days/12 month period	BAAQMD 1-523.4	P/D	Operating Records for All Parametric Monitors

VIII. Applicable Limits and Compliance Monitoring Requirements Equipment

**Table VII-D
 Applicable Limits and Compliance Monitoring Requirements
 S-4, S-10: Printer Ovens**

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
VOC	BAAQMD 8-11-302 (alternative to 8-11-301.3, 301.10)	Y		Abatement Device efficiency $\geq 90\%$	BAAQMD 8-11-504	C	Temperature of thermal oxidizer incineration unit
	NSPS Subpart WW, 60.492 (b)	Y		Overvarnish / Clear Basecoat: 0.46 kilogram of VOC per liter (3.84 lb/gal) of coating solids	NSPS Subpart WW, 60.493 (b)	P/M	Coating records, Initial performance test, Monthly operating parameters
	Condition #391, part 1	Y		39.2 tons/yr, facility limit	Condition #391, part 12	P/D	Daily calculation of VOC emissions from Coating Lines 1 and 2
VOC	Condition #391, part 5	Y		Abatement Device efficiency $\geq 95\%$	Condition #391, part 7	C	Temperature of thermal oxidizer incineration unit
	Condition #391, part 6	Y		Minimum thermal oxidizer Incinerator Temperature of 1600 1375 degrees F	Condition #391, part 7	C	Temperature of thermal oxidizer incineration unit
HAP	Condition #391, part 1	Y		<10 tons/yr, single HAP and <25 tons/yr, any combination of HAPs	Condition #391, part 12	P/M	Monthly calculation of HAP emissions from Coating Lines 1 and 2

VIII. Applicable Limits and Compliance Monitoring Requirements Equipment

**Table VII-D
 Applicable Limits and Compliance Monitoring Requirements
 S-4, S-10: Printer Ovens**

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Periods of Inoperation for Parametric Monitors	BAAQMD 1-523.2	Y		15 consecutive days/incident and 30 calendar days/12 month period	BAAQMD 1-523.4	P/D	Operating Records for All Parametric Monitors

**Table VII-E
 Applicable Limits and Compliance Monitoring Requirements
 S-5, S-11: Inside Spray Machines, Line 1 & Line 2**

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
<u>VOC</u>	BAAQMD 8-11-302 (alternative to 8-11-301.4)	Y		Abatement Device efficiency $\geq 90\%$	BAAQMD 8-11-504	C	Temperature of <u>thermal oxidizer incineration</u> unit
	NSPS Subpart WW, 60.492(c)	Y		Inside Spray: 0.89 kilogram of VOC per liter (7.43 lb/gal) of coating solids	NSPS Subpart WW, 60.493 (b)	P/M	Coating records, Initial performance test, Monthly operating parameters
VOC	Condition #391, part 1	Y		39.2 tons/yr, facility limit	Condition #391, part 12	P/D	Daily calculation of VOC emissions from Coating Lines 1 and 2

VIII. Applicable Limits and Compliance Monitoring Requirements Equipment

**Table VII-E
 Applicable Limits and Compliance Monitoring Requirements
 S-5, S-11: Inside Spray Machines, Line 1 & Line 2**

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
	Condition #391, part 4	Y		Minimum Vacuum Pressure, 0.2 inches of water column (gauge)	Condition #391, part 4	P/D	Ventilation System negative pressure monitoring
	Condition #391, part 5	Y		Abatement Device efficiency $\geq 95\%$	Condition #391, part 4	P/D	Ventilation System negative pressure monitoring
	Condition #391, part 5	Y		Abatement Device efficiency $\geq 95\%$	Condition #391, part 7	C	Temperature of <u>thermal oxidizer incineration</u> unit
	Condition #391, part 6	Y		Minimum <u>thermal oxidizer incinerator</u> Temperature of 1375 degrees F	Condition #391, part 7	C	Temperature of <u>thermal oxidizer incineration</u> unit
HAP	Condition #391, part 1	Y		<10 tons/yr, single HAP and <25 tons/yr, any combination of HAPs	Condition #391, part 12	P/M	Monthly calculation of HAP emissions from Coating Lines 1 and 2
Opacity	<u>BAAQMD</u> Regulation 6-1-301	Y		<u>>Ringelmann No. 1 for no more than 3 minutes in any hour</u> Ringelmann 1.0	<u>Condition #16547, part 2, 3</u>	<u>NP/Q</u>	<u>Baghouse Inspection</u>
	<u>BAAQMD</u> Regulation 6-1-310	Y		0.15 gr/dscf	Condition #16547, part 2, 3	P/Q	Baghouse Inspection
Opacity	<u>SIP</u> Regulation 6-301	Y		<u>>Ringelmann No. 1 for no more than 3 minutes in any hour</u>	<u>Condition #16547, part 2, 3</u>	<u>P/Q</u>	<u>Baghouse Inspection</u>

VIII. Applicable Limits and Compliance Monitoring Requirements Equipment

**Table VII-E
 Applicable Limits and Compliance Monitoring Requirements
 S-5, S-11: Inside Spray Machines, Line 1 & Line 2**

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
	<u>SIP Regulation 6-310</u>	<u>Y</u>		<u>0.15 gr/dscf</u>	<u>Condition #16547, part 2, 3</u>	<u>P/Q</u>	<u>Baghouse Inspection</u>
Periods of Inoperation for Parametric Monitors	BAAQMD 1-523.2	Y		15 consecutive days/incident and 30 calendar days/12 month period	BAAQMD 1-523.4	P/D	Operating Records for All Parametric Monitors

**Table VII-F
 Applicable Limits and Compliance Monitoring Requirements
 S-6, S-12: Bake Ovens**

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
<u>VOC</u>	BAAQMD 8-11-302 (alternative to 8-11-301.4)	Y		Abatement Device efficiency $\geq 90\%$	BAAQMD 8-11-504	C	Temperature of <u>thermal oxidizer incineration</u> unit
	NSPS Subpart WW, 60.492 (c)	Y		Inside Spray Coat: 0.89 kilogram of VOC per liter (7.43 lb/gal) of coating solids	NSPS Subpart WW, 60.493 (b)	P/M	Coating records, Initial performance test, Monthly operating parameters

VIII. Applicable Limits and Compliance Monitoring Requirements Equipment

**Table VII-F
 Applicable Limits and Compliance Monitoring Requirements
 S-6, S-12: Bake Ovens**

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
	Condition #391, part 1	Y		39.2 tons/yr, facility limit	Condition #391, part 12	P/D	Daily calculation of VOC emissions from Coating Lines 1 and 2
	Condition #391, part 5	Y		Abatement Device efficiency $\geq 95\%$	Condition #391, part 7	C	Temperature of thermal oxidizer incineration unit
VOC	Condition #391, part 6	Y		Minimum thermal oxidizer incinerator Temperature of 1600 1375 degrees F	Condition #391, part 7	C	Temperature of thermal oxidizer incineration unit
HAP	Condition #391, part 1	Y		<10 tons/yr, single HAP and <25 tons/yr, any combination of HAPs	Condition #391, part 12	P/M	Monthly calculation of HAP emissions from Coating Lines 1 and 2
Periods of Inoperation for Parametric Monitors	BAAQMD 1-523.2	Y		15 consecutive days/incident and 30 calendar days/12 month period	BAAQMD 1-523.4	P/D	Operating Records for All Parametric Monitors

VIII. Applicable Limits and Compliance Monitoring Requirements

**Table VII-G
 Applicable Limits and Compliance Monitoring Requirements
 S-16, Scrap Collection System**

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Opacity	<u>BAAQMD Regulation 6-1-301</u>	<u>N</u>		<u>>Ringelmann No. 1 for no more than 3 minutes in any hour</u>		N	
	<u>BAAQMD Regulation 6-1-310</u>	<u>N</u>		0.15 gr/dscf		N	
<u>Opacity</u>	<u>SIP Regulation 6-301</u>	<u>Y</u>		<u>>Ringelmann No. 1 for no more than 3 minutes in any hour</u>		<u>N</u>	
	<u>SIP Regulation 6-310</u>	<u>Y</u>		<u>0.15 gr/dscf</u>		<u>N</u>	
FP	<u>BAAQMD Regulation 6-1-311</u>	<u>N</u>		2.7 lb/hr (throughput = 1,000 lb/hr)		N	
<u>FP</u>	<u>SIP Regulation 6-311</u>	<u>Y</u>		<u>2.7 lb/hr (throughput = 1,000 lb/hr)</u>		<u>N</u>	

VIII. Applicable Limits and Compliance Monitoring Requirements

**Table VII-H
 Applicable Limits and Compliance Monitoring Requirements
 S-17, Lime Silo**

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Emission Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Opacity	<u>BAAQMD Regulation 6-1-301</u>	<u>N</u>		<u>>Ringelmann No. 1 for no more than 3 minutes in any hour</u> <u>1.0</u>	Condition #16548, part 2, 3	P/A	Visible Emissions Checks, Records for S-17
	<u>BAAQMD Regulation 6-1-310</u>	<u>N</u>		0.15 gr/dscf		N	
<u>Opacity</u>	<u>SIP Regulation 6-301</u>	<u>Y</u>		<u>>Ringelmann No. 1 for no more than 3 minutes in any hour</u>	<u>Condition #16548, part 2, 3</u>	<u>P/A</u>	<u>Visible Emissions Checks, Records for S-17</u>
	<u>SIP Regulation 6-310</u>	<u>Y</u>		<u>0.15 gr/dscf</u>		<u>N</u>	
FP	<u>BAAQMD Regulation 6-1-311</u>	<u>N</u>		16.6 lb/hr (throughput = 16,000 lb/hr)		N	
<u>FP</u>	<u>SIP Regulation 6-311</u>	<u>Y</u>		<u>16.6 lb/hr (throughput = 16,000 lb/hr)</u>		<u>N</u>	

VIII. Applicable Limits and Compliance Monitoring Requirements Equipment

Table VII – I
Applicable Limits and Compliance Monitoring Requirements
S-21: Emergency Diesel Fire Pump Engine

<u>Type of Limit</u>	<u>Citation of Limit</u>	<u>FE Y/N</u>	<u>Future Effective Date</u>	<u>Limit</u>	<u>Monitoring Requirement Citation</u>	<u>Monitoring Frequency (P/C/N)</u>	<u>Monitoring Type</u>
<u>Fuel Sulfur Content</u>	<u>BAAQMD 9-1-304</u>	<u>Y</u>		<u>Sulfur content of liquid fuel < 0.5% by weight</u>	<u>None</u>	<u>N</u>	<u>N/A</u>
<u>Fuel Sulfur Content</u>	<u>40 CFR Part 60 Subpart IIII 60.4207(a); 40 CFR Part 80 Subpart I 80.510(a) (1)</u>	<u>Y</u>		<u>Sulfur content of diesel fuel < 500 ppm. maximum</u>	<u>None</u>	<u>N</u>	<u>N/A</u>
<u>Fuel Sulfur Content</u>	<u>40 CFR Part 60 Subpart IIII 60.4207(a); 40 CFR Part 80 Subpart I 80.510(b) (1)</u>	<u>Y</u>		<u>Sulfur content of diesel fuel < 15 ppm. maximum</u>	<u>None</u>	<u>N</u>	<u>N/A</u>
<u>Hours of Operation</u>	<u>BAAQMD 9-8-330.3</u>	<u>N</u>		<u><50 hours per calendar year for reliability testing</u>	<u>BAAQMD 9-8-530</u>	<u>C</u>	<u>Totalizing meter for hours of operation</u>
					<u>BAAQMD 9-8-520.1 & 9-1-530</u>	<u>M</u>	<u>Records</u>
<u>Hours of Operation</u>	<u>CCR, Title 17, Section 93115.6(b)(3)(A)(2)(b)</u>	<u>N</u>		<u><= 50 hours/year for reliability-related activities</u>	<u>CCR, Title 17, Section 93115.10(e) (1)</u>	<u>C</u>	<u>Totalizing meter for hours of operation</u>
					<u>CCR, Title 17, Section 93115.10(g)</u>	<u>M</u>	<u>Records</u>
<u>Hours of Operation</u>	<u>40 CFR Part 60 Subpart IIII 60.4211(e)</u>	<u>Y</u>		<u><= 100 hours/year for reliability-related activities</u>	<u>40 CFR Part 60 Subpart IIII 60.4209(a)</u>	<u>C</u>	<u>Totalizing meter for hours of operation</u>
<u>Hours of Operation</u>	<u>Condition 24495, Part 1</u>	<u>Y</u>		<u><= 50 hours/year for reliability-related activities</u>	<u>Condition 24495, Part 3</u>	<u>C</u>	<u>Totalizing meter for hours of operation</u>

VIII. Applicable Limits and Compliance Monitoring Requirements

Table VII – I
Applicable Limits and Compliance Monitoring Requirements
S-21: Emergency Diesel Fire Pump Engine

<u>Type of Limit</u>	<u>Citation of Limit</u>	<u>FE Y/N</u>	<u>Future Effective Date</u>	<u>Limit</u>	<u>Monitoring Requirement Citation</u>	<u>Monitoring Frequency (P/C/N)</u>	<u>Monitoring Type</u>
					<u>Condition 24495, Part 4</u>	<u>M</u>	<u>Records</u>
<u>NMHC-NOx</u>					<u>None</u>		<u>N/A</u>
<u>CO</u>					<u>None</u>		<u>N/A</u>
<u>PM</u>					<u>None</u>		<u>N/A</u>
<u>Opacity</u>	<u>BAAQMD 6-1-303.1</u>	<u>N</u>		<u>Ringelmann No. 2 for no more than 3 minutes in any hour or equivalent opacity</u> <u>Ringelmann No. 2 for no more than 3 minutes in any hour</u>	<u>None</u>	<u>N</u>	<u>N/A</u>
<u>Opacity</u>	<u>SIP Regulation 6-303.1</u>	<u>Y</u>		<u>Ringelmann No. 2 for no more than 3 minutes in any hour or equivalent opacity</u> <u>Ringelmann 2.0 for 3 minutes in any hour</u>	<u>None</u>	<u>N</u>	<u>N/A</u>
<u>FP</u>	<u>BAAQMD 6-1-310</u>			<u>0.15 gr/dscf Particulate Weight Limitation</u>		<u>N</u>	<u>N/A</u>
<u>FP</u>	<u>SIP Regulation 6-310</u>	<u>Y</u>		<u>0.15 gr/dscf Particulate Weight Limitation</u>		<u>N</u>	<u>N/A</u>
<u>SO₂</u>	<u>BAAQMD 9-1-301</u>	<u>N</u>		<u>GLC¹ of 0.5 ppm for 3 min or 0.25 ppm for 60 min or 0.05 ppm for 24 hours</u>	<u>None</u>	<u>N</u>	<u>N/A</u>

VIII. Applicable Limits and Compliance Monitoring Requirements

Table VII – I
Applicable Limits and Compliance Monitoring Requirements
S-21: Emergency Diesel Fire Pump Engine

<u>Type of Limit</u>	<u>Citation of Limit</u>	<u>FE Y/N</u>	<u>Future Effective Date</u>	<u>Limit</u>	<u>Monitoring Requirement Citation</u>	<u>Monitoring Frequency (P/C/N)</u>	<u>Monitoring Type</u>
<u>SO₂</u>	<u>BAAQMD 9-1-304</u>	<u>Y</u>		<u>0.5% sulfur in fuel by weight</u>	<u>None</u>	<u>N</u>	<u>N/A</u>
<u>SO₂</u>		<u>N</u>		<u>Sulfur content of fuel less than 0.05% by weight</u>	<u>None</u>	<u>N</u>	<u>N/A</u>
<u>Hours of operation</u>	<u>BAAQMD-Regulation-9-8-330.1</u>	<u>N</u>		<u>Emergency use for an unlimited number of hours</u>	<u>BAAQMD-Regulation-9-8-530</u>	<u>P</u>	<u>Records</u>
<u>Hours of operation</u>	<u>BAAQMD-Condition-#19610, part 40</u>	<u>N</u>		<u>Reliability related activities less than 100 hr/yr</u>	<u>BAAQMD-Condition-#19610, parts 41 & 42</u>	<u>C P/E</u>	<u>Records</u>

VIII. TEST METHODS

The test methods associated with the emission limit of a District regulation are generally found in Section 600 et seq. 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.

**Table VIII
 Test Methods**

Applicable Requirement	Description of Requirement	Acceptable Test Methods
BAAQMD 6-1-301	Ringelmann No. 1 Limitation	Manual of Procedures, Volume I, Evaluation of Visible Emissions
BAAQMD 6-1-310	Particulate Weight Limitation	Manual of Procedures, Volume IV, ST-15, Particulate; or USEPA Method 5, Determination of Particulate Matter Emissions from Stationary Sources
BAAQMD 6-1-311	Process Weight Rate Based Emissions Limits	Manual of Procedures, Volume IV, ST-15, Particulates Sampling, or Calculate Emissions in Accordance with EPA AP-42 Procedures
BAAQMD 8-11-302	Emission Control Device Limitation	Manual of Procedures, Volume IV, ST-7, "Organic Compounds" or EPA Method 25 "Determination of Total Gaseous Nonmethane Organic Emissions as Carbon" or 25A "Determination of Total Gaseous Organic Concentration Using a Flame Ionization Analyzer"
BAAQMD Cond. #391, part 4	Incinerator Abatement Control Efficiency	Manual of Procedures, Volume IV, ST-7, "Organic Compounds" or EPA Method 25 "Determination of Total Gaseous Nonmethane Organic Emissions as Carbon" or 25A "Determination of Total Gaseous Organic Concentration Using a Flame Ionization Analyzer"
NSPS Subpart WW	Standards of Performance for the Beverage Can Surface Coating Industry (8/25/83)	
60.492	Standards for VOCs	EPA Method 24 "Determination of Volatile Matter Content, Water Content, Density, Volume Solids, and Weight Solids of Surface Coatings"; or Approved Equivalent or Alternative Method

IX. PERMIT SHIELD

Not applicable.

X. REVISION HISTORY

Initial Permit Issuance (Application #16422):	July 28, 1999
Administrative Amendment (No Application): Facility name changed from American National Can to Rexam Beverage Can Company:	February 19, 2003
Title V Renewal (Application #8913):	June 27, 2005
Minor Permit Revision (Application #11891) Incinerator temperature requirement lowered from 1450 to 1375 degrees F based on source test results.	August 16, 2006

Title V Renewal Permit (Application #20793): Insert approved date
Standard Condition 1.A updated; Standard Condition 1.B.12 added;
Equipment list updated by deleting A-1, adding S-21 and A-9;
Generally Applicable Requirements updated;
Source-Specific Tables updated and a new Table for S-21 added;
Permit condition for S-21 added and existing conditions updated;
Applicable limits and Compliance Monitoring Requirements Tables
updated and a new Table for S-21 added.

XI. GLOSSARY

ACT

Federal Clean Air Act

APCO

Air Pollution Control Officer

API

American Petroleum Institute

ARB

Air Resources Board

BAAQMD

Bay Area Air Quality Management District

BACT

Best Available Control Technology

BARCT

Best Available Retrofit Control Technology

C5

An Organic chemical compound with five carbon atoms

C6

An Organic chemical compound with six carbon atoms

CAA

The federal Clean Air Act

CAAQS

California Ambient Air Quality Standards

CAPCOA

California Air Pollution Control Officers Association

CEC

California Energy Commission

CEQA

California Environmental Quality Act

CEM

A "continuous emission monitor" is a monitoring device that provides a continuous direct measurement of some pollutant (e.g. NO_x concentration) in an exhaust stream.

~~VI. Test Methods (continued)~~

XI. Glossary

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

CO₂

Carbon Dioxide

Cumulative Increase

The sum of permitted emissions from each new or modified source since a specified date. Used to determine whether threshold-based requirements are triggered.

District

The Bay Area Air Quality Management District

dscf

Dry Standard Cubic Feet

dscm

Dry Standard Cubic Meter

E 6, E 9, E 12

Very large or very small number values are commonly expressed in a form called scientific notation, which consists of a decimal part multiplied by 10 raised to some power. For example, 4.53 E 6 equals $(4.53) \times (10^6) = (4.53) \times (10 \times 10 \times 10 \times 10 \times 10 \times 10) = 4,530,000$. Scientific notation is used to express large or small numbers without writing out long strings of zeros.

EGT

Exhaust Gas Temperature

EPA

The federal Environmental Protection Agency.

Excluded

Not subject to any District Regulations.

~~VI. Test Methods (continued)~~

XI. Glossary

Federally Enforceable, FE

All limitations and conditions which are enforceable by the Administrator of the EPA including those requirements developed pursuant to 40 CFR Part 51, subpart I (NSR), Part 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.

FP

Filterable Particulate as measured by BAAQMD Method ST-15, Particulate.

FR

Federal Register

GDF

Gasoline Dispensing Facility

GLC

Ground level concentration.

GLM

Ground Level Monitor

grains

1/7000 of a pound

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.

H₂S

Hydrogen Sulfide

HHV

Higher Heating Value. The quantity of heat evolved as determined by a calorimeter where the combustion products are cooled to 60F and all water vapor is condensed to liquid.

LHV

Lower Heating Value. Similar to the higher heating value (see HHV) except that the water produced by the combustion is not condensed but retained as vapor at 60F.

~~VI. Test Methods (continued)~~

XI. Glossary

Major Facility

A facility with potential emissions of regulated air pollutants greater than 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.

MSDS

Material Safety Data Sheet

MW

Megawatts

NA

Not Applicable

NAAQS

National Ambient Air Quality Standards

NESHAPS

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

NMHC

Non-methane Hydrocarbons

NMOC

Non-methane Organic Compounds (Same as NMHC)

NO_x

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.

~~VI. Test Methods (continued)~~

XI. Glossary

NSR

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

O₂

The chemical name for naturally-occurring oxygen gas.

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_x, PM₁₀, and SO₂.

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

PM₁₀

Particulate matter with aerodynamic equivalent diameter of less than 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.

SCR

A "selective catalytic reduction" unit is an abatement device that reduces NO_x concentrations in the exhaust stream of a combustion device. SCRs utilize a catalyst, which operates at a specific temperature range, and injected ammonia to promote the conversion of NO_x compounds to nitrogen gas.

~~VI. Test Methods (continued)~~

XI. Glossary

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.

SO₂

Sulfur dioxide

SO₂ Bubble

An SO₂ bubble is an overall cap on the SO₂ emissions from a defined group of sources, or from an entire facility. SO₂ bubbles are sometimes used at refineries because combustion sources are typically fired entirely or in part by "refinery fuel gas" (RFG), a waste gas product from refining operations. Thus, total SO₂ emissions may be conveniently quantified by monitoring the total amount of RFG that is consumed, and the concentration of H₂S and other sulfur compounds in the RFG.

SO₃

Sulfur trioxide

THC

Total Hydrocarbons (NMHC + Methane)

therm

100,000 British Thermal Unit

Title V

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

TOC

Total Organic Compounds (NMOC + Methane, Same as THC)

TRMP

Toxic Risk Management Plan

TSP

Total Suspended Particulate

TVP

True Vapor Pressure

VOC

Volatile Organic Compounds

~~VI. Test Methods (continued)~~

~~XI. Glossary~~

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 ²	=	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

Symbols:

<	=	less than
>	=	greater than
≤	=	less than or equal to
≥	=	greater than or equal to