Bay Area Air Quality Management District

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

Final

MAJOR FACILITY REVIEW PERMIT

Issued To:
Hexcel Corporation
Facility #A0054

Facility Address:
75 North Mines Road
Livermore, CA 94550

Mailing Address:
75 North Mines Road
Livermore, CA 94550

Responsible Official	**Facility Contact**
John Florio, Plant Manager	John Florio, Plant Manager
(925) 447-1001	(925) 447-1001

Type of Facility:	Advanced Composites Manufacturer	BAAQMD Permit Division Contact:
Primary SIC:	2295	Julian Elliot
Product:	Fabric/resin composite materials	415 749-4705

ISSUED BY THE BAY AREA AIR QUALITY MANAGEMENT DISTRICT

Signed by Peter Hess for Ellen Garvey_____ May 30, 2002_____
Ellen Garvey, 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 5/2/01);

SIP Regulation 1 - General Provisions and Definitions
(as approved by EPA through 8/27/99);

BAAQMD Regulation 2, Rule 1 - Permits, General Requirements
(as amended by the District Board on 8/1/01);

SIP Regulation 2, Rule 1 - Permits, General Requirements
(as approved by EPA through 2/25/99);

BAAQMD Regulation 2, Rule 2 - Permits, New Source Review
(as amended by the District Board on 5/17/00);

SIP Regulation 2, Rule 2 - Permits, New Source Review and Prevention of Significant Deterioration
(as approved by EPA through 2/25/99);

BAAQMD Regulation 2, Rule 4 - Permits, Emissions Banking
(as amended by the District Board on 5/17/00); and

SIP Regulation 2, Rule 4 - Permits, Emissions Banking
(as approved by EPA through 2/25/99).

BAAQMD Regulation 2, Rule 6 - Permits, Major Facility Review
(as amended by the District Board on 5/2/01).

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

1. This Major Facility Review Permit was issued on May 30, 2002 and expires on April 30, 2007. The permit holder shall submit a complete application for renewal of this Major Facility Review Permit no later than October 31, 2006, and no earlier than April 30, 2006. **If a complete application for renewal has not been submitted in accordance with this deadline, the facility may not operate after** April 30, 2007**.** (Regulation 2-6-307, 404.2, & 409.6; MOP Volume II, Part 3, §4.2)

2. The permit holder shall comply with all conditions of this permit. The permit consists of this document and all appendices. Any non-compliance with the terms and conditions of this permit will constitute a violation of the law and will be grounds for enforcement action; permit termination, revocation and re-issuance, or modification; or denial of a permit renewal application. (Regulation 2-6-307; MOP Volume II, Part 3, §4.11)

3. In the event any enforcement action is brought as a result of a violation of any term or condition of this permit, the fact that it would have been necessary for the permittee to halt or reduce the permitted activity in order to maintain compliance with such term or condition shall not be a defense to such enforcement action. (MOP Volume II, Part 3, §4.11)

I. Standard Conditions

4. This permit may be modified, revoked, reopened and reissued, or terminated for cause. (Regulation 2-6-307, 409.8, 415; MOP Volume II, Part 3, §4.11)
5. The filing of a request by the facility for a permit modification, revocation and re-issuance, or termination, or 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, or any exclusive privilege. (Regulation 2-6-409.7; MOP Volume II, Part 3, §4.11)
7. The permit holder shall supply within 30 days any information that the District requests in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. (Regulation 1-441, Regulation 2-6-409.4 & 501; MOP Volume II, Part 3, §4.11)
8. Any records required to be maintained pursuant to this permit which the permittee considers to contain proprietary or trade secret information shall be prominently designated as such. Copies of any such proprietary or trade secret information which are provided to the District shall be maintained by the District in a locked confidential file, provided, however, that requests from the public for the review of any such information shall be handled in accordance with the District's procedures set forth in Section 11 of the District'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. (MOP Volume II, Part 3, §4.11)

C. Requirement to Pay Fees

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

D. Inspection and Entry

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

I. Standard Conditions

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, Regulation 3; 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 first reporting period for this permit shall be May 30, 2002 to October 31, 2002. The report shall be submitted by November 30, 2002. Subsequent reports shall be for the following periods: November 1st through April 30th and May 1st through October 31st, and are 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, Regulation 3; MOP Volume II, Part 3, §4.7)

G. Compliance Certification

Compliance certifications shall be submitted annually by the responsible official of this facility to the Bay Area Air Quality Management District and to the Environmental Protection Agency. The certification period will be May 1st to April 30th. The certification shall be submitted by May 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:

I. Standard Conditions

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

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

H. Emergency Provisions

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. (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	Maximum Permitted Capacity
21	Batch Mixer (Hot-Melt Resins)	Ross	Versa	100 gallons
27	Batch Mixer (Solvent-Based Resins)	Myers	Series 775	100 gallons
28	Batch Mixer (Hot-Melt Resins)	Ross	Versa	100 gallons
29	Batch Mixer (Hot-Melt Resins)	Ross	Versa	100 gallons
30	Batch Mixer (Solvent-Based Resins)	Lightnin'	2 hp	100 gallons
33	Experimental Batch Reactor	A W Knox	LP13R1	50 gallons
34	Batch Resin Reactor	Flour	V403 G143-56	1,000 gallons
35	Batch Mixer (Hot-Melt Resins)	Sigma	5 hp	100 gallons
37	Resin Powder Handling Booth	Cambridge (filter)	2 RM-2020	10'x10'x10'
38	Tower I Coater	Dilts	NA	30 fpm maximum
39	Tower I Dryer, Zone I (natural-gas fired)	Despatch	DG 200 D	2 MM BTU/hr
40	Tower I Dryer, Zone II (natural-gas fired)	Despatch	DG 50 D	0.5 MM BTU/hr
41	Tower II Coater	Dilts	NA	26 fpm maximum
42	Tower II Dryer, Zone I (natural-gas fired)	Despatch	DLG 5000	5 MM BTU/hr
43	Tower II Dryer, Zone II (natural-gas fired)	Despatch	DLG 1500	1.5 MM BTU/hr
44	Solvent Tank #16	NA	underground, horizontal	6,000 gallons
45	Solvent Tank #17	NA	underground, horizontal	6,000 gallons

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	Maximum Permitted Capacity
46	Solvent Tank #18	NA	underground, horizontal	3,000 gallons
47	Solvent Tank #19	NA	underground, horizontal	3,000 gallons
48	Batch Mixer (Hot-Melt Resins)	Ross	Versa	100 gallons
56	Cold Cleaner	Protectoseal	NA	18 gallons
57	Cold Cleaner	Protectoseal	NA	18 gallons
58	Tower III Coater	C A Litzler	1235	35 fpm maximum
59	Tower III Dryer	C A Litzler	1235	uses heated air from A-21 oxidizer
62	Cold Cleaner (Bldg 104)	Protectoseal	NA	25 gallons
63	Cold Cleaner (Bldg 104)	Protectoseal	NA	25 gallons
64	Hotmelt Pump/Extruder Wipe Cleaning (Bldg 104)	NA	NA	NA
65	Batch Mixer (Hot-Melt Resins)	Ross	Versa	10 gallons
66	Batch Mixer (Solvent-Based Resins)	Lightnin'	5 hp	100 gallons
67	Solvent Jet Vessel Cleaning System	Porta-Wash	NA	100 gallon maximum vessel size
68	Batch Resin Blend Tank #1	Tote	NA	549 gallons
69	Batch Resin Blend Tank #2	Tote	NA	549 gallons
70	Batch Resin Blend Tank #3	Tote	NA	549 gallons
71	Batch Resin Blend Tank #4	Tote	NA	549 gallons
72	Batch Resin Blend Tank #5	Tote	NA	549 gallons
73	Batch Resin Blend Tank #6	Tote	NA	549 gallons
74	Wipe Cleaning Operation (Resin Vessels, Mixers, Reactors)	manual	NA	NA
75	Batch Mixer (Solvent-Based Resins)	Myers	775	100 gallons

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	Maximum Permitted Capacity
76	Tenter Frame Clip Wipe Cleaning (Bldg 104)	automated wipe cleaning	NA	NA
77	Wipe Cleaning (Bldg 104)	manual	NA	NA
78	Tape Line Coater (Bldg 191)	custom	custom	10 fpm; electric dryers
79	Batch Mixer (Solvent-Based Resins)	Myers	35 hp	200 gallons
80	Batch Resin Blend Tank #7	Tote	NA	100 gallons
81	Tower IV Coater and Dryer (natural-gas fired)	C A Litzler	1363	45 fpm

Table II B – Abatement Devices

A-#	Description	Source(s) Controlled	Applicable Requirement	Operating Parameters	Limit or Efficiency
4	Baghouse for S-37	A-20	BAAQMD Regulations 6-301	none	Ringelmann 1 opacity
			6-305	none	no nuisance fallout
			6-310	none	0.15 gr/dscf
			6-311	none	limit relative to amount of material processed

II. Equipment

Table II B – Abatement Devices

A-#	Description	Source(s) Controlled	Applicable Requirement	Operating Parameters	Limit or Efficiency
7	Thermal Oxidizer for Hot-Melt Resin Mixers and Resin Reactors (pre-April 30, 1987)	S-21, S-28, S-29, S-35, S-48, S-65 resin mixers, S-33, S-34 resin reactors	8-36-301.1 BAAQMD Condition 6978, Part 5 (citation of BAAQMD 8-36-301.1)	operating temperature operating temperature.	95% minimum overall abatement efficiency at each source 95% minimum overall abatement efficiency at each source
7	Thermal Oxidizer for Resin Mixers and Resin Blend Tanks (post-April 30, 1987)	S-27, S-30, S-66, S-75, S-79 resin mixers, S-68, S-69, S-70, S-71, S-72, S-73, S-80 blend tanks	8-36-301.1 NSPS Subpart VVV, 60.742(c)(1) BAAQMD Condition 7165, Part 5 (citation of BAAQMD 8-36-301.1)	operating temperature operating temperature (60.744(e)) operating temperature	95% minimum overall abatement efficiency at each source 95% minimum destruction efficiency (60.743(c)(4)) 95% minimum overall abatement efficiency at each source
7	Thermal Oxidizer for Resin Vessel Cleaning System	S-67	BAAQMD Condition 7169, Part 5	operating temperature	95% minimum destruction efficiency

II. Equipment

Table II B – Abatement Devices

A-#	Description	Source(s) Controlled	Applicable Requirement	Operating Parameters	Limit or Efficiency
7	Thermal Oxidizer for Tape Line Coater (pre-April 30, 1987)	S-78	BAAQMD Regulation 8-12-301.2 BAAQMD Condition 13164, Part 5	operating temperature operating temperature	less than 1.0 lb VOC emissions per gallon of coating applied 81% minimum overall abatement efficiency
8	Thermal Oxidizer for Tower I, Tower II Coaters, Dryers (pre-April 30, 1987)	S-38, S-39, S-40, S-41, S-42, S-43	BAAQMD Regulation 8-12-301.2 BAAQMD Condition 15598, Part 3	operating temperature operating temperature	less than 1.0 lb VOC emissions per gallon of coating applied cites BAAQMD Regulation 8-12-301.2
20	Pre-filter for A-4 baghouse	S-37	none	none	none (limits apply to downstream baghouse)
21	Thermal Oxidizer for Tower III Coater, Dryer (post-April 30, 1987)	S-58, S-59	BAAQMD Regulation 8-12-301.2 NSPS Subpart VVV, 60.742(b)(2) BAAQMD Condition 4197, Part 7	operating temperature operating temperature (60.744(e)) operating temperature, mass balance	less than 1.0 lb VOC emissions per gallon of coating applied 95% minimum destruction efficiency for total enclosure (60.773(b)(3)) 120 lb/day maximum VOC emissions

II. Equipment

Table II B – Abatement Devices

A-#	Description	Source(s) Controlled	Applicable Requirement	Operating Parameters	Limit or Efficiency
22	Thermal Oxidizer for Tower IV Coater, Dryer (post-April 30, 1987)	S-81	BAAQMD Regulation 8-12-301.2	operating temperature	less than 1.0 lb VOC emissions per gallon of coating applied
			NSPS Subpart VVV, 60.742(b)(2)	operating temperature (60.744(e))	95% minimum destruction efficiency for total enclosure (60.773(b)(3))
			BAAQMD Condition 15682, Part 4	operating temperature	95% minimum destruction efficiency

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 will not be violated under normal, routine operations, and that no additional periodic monitoring or reporting to demonstrate compliance is warranted. In cases where a requirement, in addition to being generally applicable, is also specifically applicable to one or more sources, the requirement and the source are also included in Section IV, Source-Specific Applicable Requirements, of this permit.

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

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

The full language of SIP requirements is on EPA Region 9's website. The address is included at the end of this permit.

NOTE:

There are differences between the current BAAQMD rules and the version of the rules in the SIP. All sources must comply with both versions of the rule until US EPA has reviewed and approved 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 (5/2/01)	N
SIP Regulation 1	General Provisions and Definitions (8/27/99)	Y
BAAQMD Regulation 2, Rule 1	General Requirements (8/1/01)	N
BAAQMD 2-1-429	Federal Emissions Statement (6/7/95)	Y
SIP Regulation 2, Rule 1	General Requirements (8/27/99)	Y
BAAQMD Regulation 4	Air Pollution Episode Plan (3/20/91)	N

III. Generally Applicable Requirements

Table III
Generally Applicable Requirements

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)
SIP Regulation 4	Air Pollution Episode Plan (8/06/90)	Y
BAAQMD Regulation 5	Open Burning (11/2/94)	N
BAAQMD Regulation 6	Particulate Matter and Visible Emissions (12/19/90)	N
BAAQMD Regulation 7	Odorous Substances (3/17/82)	N
BAAQMD Regulation 8, Rule 1	Organic Compounds - General Provisions (6/15/94)	Y
BAAQMD Regulation 8, Rule 3	Organic Compounds - Architectural Coatings (12/20/95)	Y
BAAQMD Regulation 8, Rule 49	Organic Compounds - Aerosol Paint Products (12/20/95)	N
SIP Regulation 8, Rule 49	Organic Compounds - Aerosol Paint Products (3/22/95)	Y
BAAQMD Regulation 8, Rule 51	Organic Compounds - Adhesive and Sealant Products (12/20/95)	N
BAAQMD Regulation 9, Rule 1	Inorganic Gaseous Pollutants – Sulfur Dioxide (3/15/95)	N
SIP Regulation 9, Rule 1	Inorganic Gaseous Pollutants – Sulfur Dioxide (2/16/83)	Y
BAAQMD Regulation 11, Rule 2	Hazardous Pollutants - Asbestos Demolition, Renovation and Manufacturing (12/4/91)	Y
BAAQMD Regulation 12, Rule 4	Miscellaneous Standards of Performance - Sandblasting (7/11/90)	Y
SIP Regulation 12, Rule 4	Miscellaneous Standards of Performance - Sandblasting (9/2/81)	Y
EPA Regulation 40 CFR 82	Protection of Stratospheric Ozone (2/21/95)	
Subpart F, 40 CFR 82.156	Leak Repair	Y
Subpart F, 40 CFR 82.161	Certification of Technicians	Y
Subpart F, 40 CFR 82.166	Records of Refrigerant	Y

IV. SOURCE-SPECIFIC APPLICABLE REQUIREMENTS

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

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

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

The full text of each permit condition cited is included in Section VI, Permit Conditions, of this permit. The full language of SIP requirements is on EPA Region 9's website. The address is included at the end of this permit. All other text may be found in the regulations themselves.

Table IV - A
Source-specific Applicable Requirements
S-21, S-28, S-29, S-35, S-48, S-65 – BATCH MIXERS (HOT-MELT RESINS)
S-33 – EXPERIMENTAL REACTOR
S-34 – RESIN REACTOR
(PRE-APRIL 30, 1987 SOURCES)

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8, Rule 12	**Organic Compounds – Paper, Fabric and Film Coating (12/20/95)**		
8-12-302	Storage and Mixing Operations (leaks prohibited and lids required)	Y	
8-12-305	Surface Preparation and Cleanup Solvent	Y	
8-12-305.1	no open containers for cleaning materials impregnated with organic compounds	Y	
8-12-305.2	no open containers for organic cleaning compounds	Y	
BAAQMD Regulation 8, Rule 16	**Organic Compounds – Solvent Cleaning Operations (9/16/98)**		
8-16-501	Solvent Records		

IV. Source-Specific Applicable Requirements

Table IV - A
Source-specific Applicable Requirements
S-21, S-28, S-29, S-35, S-48, S-65 – BATCH MIXERS (HOT-MELT RESINS)
S-33 – EXPERIMENTAL REACTOR
S-34 – RESIN REACTOR
(PRE-APRIL 30, 1987 SOURCES)

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
8-16-501.2	Facility-wide, annual records of makeup solvent use	N	
8-16-501.5	Record retention	N	
SIP Regulation 8, Rule 16	**Organic Compounds – Solvent Cleaning Operations (6/15/94)**		
8-16-501	Solvent Records		
8-16-501.2	Facility-wide, quarterly records of makeup solvent use	Y (Note 1)	
BAAQMD Regulation 8, Rule 36	**Organic Compounds - Resin Manufacturing (6/6/84)**		
8-36-301	Resin Reactors, Thinning Tanks and Blending Tanks	Y	
8-36-301.1	total emissions of precursor organic compounds from resin reactors, thinning tanks and blending tanks are provided with at least 95% overall abatement, OR	Y	
8-36-301.2	total emissions of precursor organic compounds from resin reactors, thinning tanks and blending tanks do not exceed 10 lb/day	Y	
BAAQMD Condition 6978			
Part 1	Summary of applicable requirements (basis: Regulations 8-12, 8-36)	Y	
Part 2	Resin throughput limit (basis: Reg. 2-1-403)	Y	
Part 3	Abatement requirement (basis: Cumulative Increase, Regulation 8-36-301.1)	Y	
Part 4	Requires wipe cleaning solvent usage to be counted under S-74 limit in Condition 7520. (basis: Cumulative Increase)	Y	
Part 5	Abatement efficiency requirement (basis: Reg. 8-36-301.1)	Y	
Part 6	Abatement device temperature requirement (basis: Cumulative Increase, Regulations 8-36-301.1, 1-521)	Y	

IV. Source-Specific Applicable Requirements

Table IV - A
Source-specific Applicable Requirements
S-21, S-28, S-29, S-35, S-48, S-65 – BATCH MIXERS (HOT-MELT RESINS)
S-33 – EXPERIMENTAL REACTOR
S-34 – RESIN REACTOR
(PRE-APRIL 30, 1987 SOURCES)

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
Part 7a	Allowable abatement device temperature excursions requirement (basis: Reg. 2-1-403)	Y	
Part 7b	Temperature excursion recordkeeping requirement (basis: Reg. 2-1-403)	Y	
Part 8a	Abatement device recordkeeping requirement (basis: Cumulative Increase, Regulations 8-36-301.1, 1-521)	Y	
Part 8b	Resin throughput recordkeeping requirement (basis: Reg. 2-1-234.3)	Y	
BAAQMD Condition 7520			
Part 2	Net solvent usage limit (basis: Cumulative Increase)	Y	
Part 3	Recordkeeping requirement (basis: Cumulative Increase)	Y	
BAAQMD Condition 15682			
Part 10	Facility-wide emission cap (basis: Reg. 2-2-302)	Y	
Part 11	Recordkeeping requirements (basis: Reg. 2-2-302)	Y	

Note 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

Table IV – B
Source-specific Applicable Requirements
S-27, S-30, S-66, S-75, S-79 - BATCH MIXERS (SOLVENT-BASED RESINS)
S-68, S-69, S-70, S-71, S-72, S-73, S-80 – RESIN BLEND TANKS
(POST-APRIL 30, 1987 SOURCES)

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8, Rule 12	**Organic Compounds – Paper, Fabric and Film Coating (12/20/95)**		
8-12-302	Storage and Mixing Operations (leaks prohibited and lids required)	Y	
8-12-305	Surface Preparation and Cleanup Solvent	Y	
8-12-305.1	no open containers for cleaning materials impregnated with organic compounds	Y	
8-12-305.2	no open containers for organic cleaning compounds	Y	
BAAQMD Regulation 8, Rule 16	**Organic Compounds – Solvent Cleaning Operations (9/16/98)**		
8-16-501	Solvent Records		
8-16-501.2	Facility-wide, annual records of makeup solvent use	N	
8-16-501.5	Record retention	N	
SIP Regulation 8, Rule 16	**Organic Compounds – Solvent Cleaning Operations (6/15/94)**		
8-16-501	Solvent Records		
8-16-501.2	Facility-wide, quarterly records of makeup solvent use	Y (Note 1)	
BAAQMD Regulation 8, Rule 36	**Organic Compounds - Resin Manufacturing (6/6/84)**		
8-36-301	Resin Reactors, Thinning Tanks and Blending Tanks	Y	
8-36-301.1	total emissions of precursor organic compounds from resin reactors, thinning tanks and blending tanks are provided with at least 95% overall abatement, OR	Y	
8-36-301.2	total emissions of precursor organic compounds from resin reactors, thinning tanks and blending tanks do not exceed 10 lb/day	Y	

IV. Source-Specific Applicable Requirements

Table IV – B
Source-specific Applicable Requirements
S-27, S-30, S-66, S-75, S-79 - BATCH MIXERS (SOLVENT-BASED RESINS)
S-68, S-69, S-70, S-71, S-72, S-73, S-80 – RESIN BLEND TANKS
(POST-APRIL 30, 1987 SOURCES)

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
40 CFR 60 Subpart VVV	**Standards of Performance for Polymeric Coating of Supporting Substrates Facilities (9/11/89)**		
60.742	Standards for volatile organic compounds		
60.742(c)(1)	abatement of covered vessel at a 95% efficient control device	Y	
60.743	Compliance provisions		
60.743(c)	the following shall be demonstrated:	Y	
60.743(c)(1)	covers shall meet specified requirements:	Y	
60.743(c)(2)	procedures for use of covers shall be posted	Y	
60.743(c)(3)	mix equipment shall be vented to a control device when in use	Y	
60.743(c)(4)	control device efficiency shall be at least 95%	Y	
60.744	Monitoring requirements		
60.744(e)	abatement device temperature monitoring device	Y	
60.744(i)	recordkeeping requirement for periods of abatement device inoperation	Y	
60.744(j)	recordkeeping requirement for periods of monitoring device inoperation	Y	
60.747	Reporting and recordkeeping requirements		
60.747(d)(4)	reporting requirement for periods of reduced abatement device temperature	Y	
60.747(f)(1)	reporting requirement for periods of monitoring device inoperation	Y	
60.747(f)(2)	reporting requirement for periods of abatement device inoperation	Y	
60.747(h)	record retention requirement	Y	
BAAQMD Condition 7165			
Part 1	Summary of applicable requirements (basis: Regulations 8-12, 8-36, NSPS)	Y	
Part 2	Resin throughput limit (basis: Reg. 2-1-403)	Y	
Part 3	Abatement requirement (basis: Cumulative Increase, Regulation 8-36-301.1)	Y	
Part 4	Requires wipe cleaning solvent usage to be counted under S-74 limit in Condition 7520. (basis: Cumulative Increase)	Y	

IV. Source-Specific Applicable Requirements

Table IV – B
Source-specific Applicable Requirements
S-27, S-30, S-66, S-75, S-79 - BATCH MIXERS (SOLVENT-BASED RESINS)
S-68, S-69, S-70, S-71, S-72, S-73, S-80 – RESIN BLEND TANKS
(POST-APRIL 30, 1987 SOURCES)

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
Part 5	Abatement efficiency requirement (basis: Reg. 8-36-301.1)	Y	
Part 6	Abatement device temperature requirement (basis: Cumulative Increase, Regulations 8-36-301.1, 1-521)	Y	
Part 7a	Allowable abatement device temperature excursions requirement (basis: Reg. 2-1-403)	Y	
Part 7b	Temperature excursion recordkeeping requirement (basis: Reg. 2-1-403)	Y	
Part 8a	Abatement device recordkeeping requirement (basis: Cumulative Increase, Regulations 8-36-301.1, 1-521)	Y	
Part 8b	Resin throughput recordkeeping requirement (basis: Reg. 2-1-234.3)	Y	
BAAQMD Condition 7520			
Part 2	Net solvent usage limit (basis: Cumulative Increase)	Y	
Part 3	Recordkeeping requirement (basis: Cumulative Increase)	Y	
BAAQMD Condition 15682			
Part 10	Facility-wide emission cap (basis: Reg. 2-2-302)	Y	
Part 11	Recordkeeping requirements (basis: Reg. 2-2-302)	Y	

Note 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 – C
Source-specific Applicable Requirements
S-37 – RESIN POWDER HANDLING BOOTH

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date

IV. Source-Specific Applicable Requirements

Table IV – C
Source-specific Applicable Requirements
S-37 – RESIN POWDER HANDLING BOOTH

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 6	**Particulate Matter and Visible Emissions (12/19/90)**		
6-301	Ringelmann No. 1 Limitation (opacity)	Y	
6-305	Visible Particles (prohibition of nuisance fallout)	Y	
6-310	Particulate Weight Limitation	Y	
6-311	General Operations	Y	
BAAQMD Condition 17566			
Part 1	Abatement device requirement (basis: Regulation 6)	Y	
Part 2	Abatement device maintenance requirement (basis: Regulation 6)	Y	
Part 3	Abatement device daily visual inspection (basis: Regulation 2-6-503)	Y	
Part 4	Records of visual inspection (basis: Regulation 2-6-503)	Y	

Table IV – D
Source-specific Applicable Requirements
S-38 – TOWER I COATER
S-39 – TOWER I, ZONE I DRYER
S-40 - TOWER I, ZONE II DRYER
S-41 – TOWER II COATER
S-42 – TOWER II, ZONE I DRYER
S-43 - TOWER II, ZONE II DRYER

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8, Rule 1	**Organic Compounds – General Provisions (6/15/94)**		
8-1-320	Surface Preparation; Clean-up; Coating, Ink, Paint Removal (no open containers for cleaning materials impregnated with organic compounds)	Y	

IV. Source-Specific Applicable Requirements

Table IV – D
Source-specific Applicable Requirements
S-38 – TOWER I COATER
S-39 – TOWER I, ZONE I DRYER
S-40 - TOWER I, ZONE II DRYER
S-41 – TOWER II COATER
S-42 – TOWER II, ZONE I DRYER
S-43 - TOWER II, ZONE II DRYER

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
8-1-321	Closed Containers (no open containers for organic cleaning compounds)	Y	
BAAQMD Regulation 8, Rule 12	**Organic Compounds – Paper, Fabric and Film Coating (12/20/95)**		
8-12-301	Limitations, Coating Lines		
8-12-301.2	emissions less than 120 gram VOC/liter of coating applied (1.0 lb/gal), excluding water	Y	
8-12-305	Surface Preparation and Cleanup Solvent	Y	
8-12-305.1	no open containers for cleaning materials impregnated with organic compounds	Y	
8-12-305.2	no open containers for organic cleaning compounds	Y	
8-12-501	Coating Records	Y	
8-12-501.1	list of coatings in use with data required for compliance verification	Y	
8-12-501.2	daily records of coating application	Y	
8-12-501.3	daily records of abatement device operating parameters	Y	
8-12-501.4	record retention requirement	Y	
BAAQMD Regulation 8, Rule 16	**Organic Compounds – Solvent Cleaning Operations (9/16/98)**		
8-16-501	Solvent Records		
8-16-501.2	Facility-wide, annual records of makeup solvent use	N	
8-16-501.5	Record retention	N	
SIP Regulation 8, Rule 16	**Organic Compounds – Solvent Cleaning Operations (6/15/94)**		
8-16-501	Solvent Records		

IV. Source-Specific Applicable Requirements

Table IV – D
Source-specific Applicable Requirements
S-38 – Tower I Coater
S-39 – Tower I, Zone I Dryer
S-40 - Tower I, Zone II Dryer
S-41 – Tower II Coater
S-42 – Tower II, Zone I Dryer
S-43 - Tower II, Zone II Dryer

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
8-16-501.2	Facility-wide, quarterly records of makeup solvent use	Y (Note 1)	
BAAQMD Regulation 9, Rule 1	**Inorganic Gaseous Pollutants – Sulfur Dioxide (3/15/95)**		
9-1-301	Limitations on Ground Level Concentrations	Y	
9-1-302	General Emission Limitations	Y	
BAAQMD Condition 15598			
Part 1	Summary of applicable requirements (basis: Reg. 8-12-301.2)	Y	
Part 2	Coating and cleanup solvent usage limits (basis: Reg. 2-1-234.3)	Y	
Part 3	Abatement requirement (basis: Reg. 8-12-301.2)	Y	
Part 4	Abatement device temperature requirement (basis: Reg. 1-521)	Y	
Part 5a	Allowable abatement device temperature excursions (basis: Reg. 2-1-403)	Y	
Part 5b	Temperature excursion recordkeeping requirement (basis: Reg. 2-1-403)	Y	
Part 6	Coating and cleanup solvent usage, abatement device temperature recordkeeping requirements (basis: Reg. 2-1-234.2, Reg. 8-12-501)	Y	
BAAQMD Condition 15682			
Part 10	Facility-wide emission cap (basis: Reg. 2-2-302)	Y	
Part 11	Recordkeeping requirements (basis: Reg. 2-2-302)	Y	

Note 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

Table IV – E
Source-specific Applicable Requirements
S-44, S-45, S-46, S-47 – SOLVENT STORAGE TANKS

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8, Rule 5	**Organic Compounds – Storage of Organic Liquids (12/15/99)**		
8-5-301	Storage Tanks Smaller than 150 Cubic Meters (39,626 gallons)		
8-5-301.1	Submerged fill pipe	Y	
8-5-501	Records (record of liquids stored and true vapor pressure ranges)	Y	
BAAQMD Regulation 8, Rule 12	**Organic Compounds – Paper, Fabric and Film Coating (12/20/95)**		
8-12-302	Storage and Mixing Operations (leaks prohibited and covers required)	Y	
BAAQMD Condition 15682			
Part 10	Facility-wide emission cap (basis: Reg. 2-2-302)	Y	
Part 11	Recordkeeping requirements (basis: Reg. 2-2-302)	Y	
BAAQMD Condition 17897			
Part 1	Summary of applicable requirements (basis: Reg. 8-5, 8-12)	Y	
Part 2	Allowed solvents specified (basis: Reg. 2-1-234.3)	Y	
Part 3	Recordkeeping requirement (basis: Reg. 2-1-234.3)	Y	

Table IV – F
Source-specific Applicable Requirements
S-56, S-57, S-62, S-63 – COLD CLEANERS

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date

IV. Source-Specific Applicable Requirements

Table IV – F
Source-specific Applicable Requirements
S-56, S-57, S-62, S-63 – COLD CLEANERS

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8, Rule 16	**Organic Compounds – Solvent Cleaning Operations (9/16/98)**		
8-16-303	Cold Cleaner Requirements		
8-16-303.1	General Operating Requirements		
8-16-303.1.1	proper operation and maintenance	Y	
8-16-303.1.2	leak repair	Y	
8-16-303.1.3	solvent storage and disposal	Y	
8-16-303.1.4	waste solvent residues	Y	
8-16-303.1.5	devices used to reduce evaporation	Y	
8-16-303.1.6	prohibition of solvent spray unless abated or enclosed	N	
8-16-303.2	Cold Cleaner Operating Requirements	Y	
8-16-303.3	Cold Cleaner General Equipment Requirements	Y	
8-16-303.4	Cold Cleaner Abatement Requirements		
8-16-303.4.1	freeboard ratio at least 0.75, and associated maximum capacity marking in sink	Y	
8-16-501	Solvent Records		
8-16-501.2	Facility-wide, annual records of makeup solvent use	N	
8-16-501.5	Record retention	N	
SIP Regulation 8, Rule 16	**Organic Compounds – Solvent Cleaning Operations (6/15/94)**		
8-16-303	Cold Cleaner Requirements		
8-16-303.1	General Operating Requirements		
8-16-303.1.6	prohibition of solvent spray unless abated	Y (Note 1)	
8-16-501	Solvent Records		
8-16-501.2	Facility-wide, quarterly records of makeup solvent use	Y (Note 1)	
BAAQMD Condition 16029			
Part 1	Summary of applicable requirements (basis: Reg. 8-16)	Y	
Part 2	Net solvent usage limit (basis: Cumulative Increase, Reg. 2-1)	Y	
Part 3	Recordkeeping requirement (basis: Cumulative Increase)	Y	

IV. Source-Specific Applicable Requirements

Table IV – F
Source-specific Applicable Requirements
S-56, S-57, S-62, S-63 – COLD CLEANERS

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Condition 15682			
Part 10	Facility-wide emission cap (basis: Reg. 2-2-302)	Y	
Part 11	Recordkeeping requirements (basis: Reg. 2-2-302)	Y	

Note 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

Table IV - G
Source-specific Applicable Requirements
S-58 – TOWER III COATER
S-59 – TOWER III DRYER

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8, Rule 1	**Organic Compounds – General Provisions (6/15/94)**		
8-1-320	Surface Preparation; Clean-up; Coating, Ink, Paint Removal (no open containers for cleaning materials impregnated with organic compounds)	Y	
8-1-321	Closed Containers (no open containers for organic cleaning compounds)	Y	
BAAQMD Regulation 8, Rule 12	**Organic Compounds – Paper, Fabric and Film Coating (12/20/95)**		
8-12-301	Limitations, Coating Lines		
8-12-301.2	emissions less than 120 gram VOC/liter of coating applied (1.0 lb/gal), excluding water	Y	
8-12-305	Surface Preparation and Cleanup Solvent	Y	
8-12-305.1	no open containers for cleaning materials impregnated with organic compounds	Y	
8-12-305.2	no open containers for organic cleaning compounds	Y	
8-12-501	Coating Records	Y	
8-12-501.1	list of coatings in use with data required for compliance verification	Y	
8-12-501.2	daily records of coating application	Y	
8-12-501.3	daily records of abatement device operating parameters	Y	
8-12-501.4	record retention requirement	Y	
BAAQMD Regulation 8, Rule 16	**Organic Compounds – Solvent Cleaning Operations (9/16/98)**		
8-16-501	Solvent Records		
8-16-501.2	Facility-wide, annual records of makeup solvent use	N	
8-16-501.5	Record retention	N	

IV. Source-Specific Applicable Requirements

Table IV - G
Source-specific Applicable Requirements
S-58 – TOWER III COATER
S-59 – TOWER III DRYER

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
SIP Regulation 8, Rule 16	**Organic Compounds – Solvent Cleaning Operations (6/15/94)**		
8-16-501	Solvent Records		
8-16-501.2	Facility-wide, quarterly records of makeup solvent use	Y (Note 1)	
BAAQMD Regulation 9, Rule 1	**Inorganic Gaseous Pollutants – Sulfur Dioxide (3/15/95)**		
9-1-301	Limitations on Ground Level Concentrations	Y	
9-1-302	General Emission Limitations	Y	
40 CFR 60 Subpart VVV	**Standards of Performance for Polymeric Coating of Supporting Substrates Facilities (9/11/89)**		
60.742	Standards for volatile organic compounds		
60.742(b)(2)	95% minimum VOC destruction efficiency for system with permanent total enclosure	Y	
60.743	Compliance provisions		
60.743(b)(1)	demonstration of total enclosure	Y	
60.743(b)(2)	determination of destruction efficiency	Y	
60.744	Monitoring requirements		
60.744(e)	abatement device temperature monitoring device	Y	
60.744(i)	recordkeeping requirement for periods of abatement device inoperation	Y	
60.744(j)	recordkeeping requirement for periods of monitoring device inoperation	Y	
60.747	Reporting and recordkeeping requirements		
60.747(d)(4)	reporting requirement for periods of reduced abatement device temperature	Y	
60.747(f)(1)	reporting requirement for periods of monitoring device inoperation	Y	
60.747(f)(2)	reporting requirement for periods of abatement device inoperation	Y	
60.747(h)	record retention requirement	Y	
BAAQMD Condition 4197			

IV. Source-Specific Applicable Requirements

Table IV - G
Source-specific Applicable Requirements
S-58 – TOWER III COATER
S-59 – TOWER III DRYER

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
Part 1	Summary of applicable requirements (basis: Reg. 8-12-301.2, NSPS)	Y	
Part 2	Abatement requirement (basis: Cumulative Increase, Reg. 8-12-301.2)	Y	
Part 3	Requirement for total enclosure (basis: NSPS)	Y	
Part 4	Abatement device efficiency requirement (basis: NSPS)	Y	
Part 5	Abatement device temperature requirement (basis: Cumulative Increase, Regulations 8-12-301.2, 1-521, NSPS)	Y	
Part 6a	Allowable abatement device temperature excursions (basis: Reg. 2-1-403)	Y	
Part 6b	Temperature excursion recordkeeping requirement (basis: Reg. 2-1-403)	Y	
Part 7	VOC emission limit (basis: Cumulative Increase)	Y	
Part 8	Recordkeeping requirements (basis: Cumulative Increase, Reg. 8-12-501)	Y	
BAAQMD Condition 15682			
Part 10	Facility-wide emission cap (basis: Reg. 2-2-302)	Y	
Part 11	Recordkeeping requirements (basis: Reg. 2-2-302)	Y	

Note 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 – H
Source-specific Applicable Requirements
S-64 – HOTMELT PUMP/EXTRUDER WIPE CLEANING (BLDG 104)

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8, Rule 1	**Organic Compounds – General Provisions (6/15/94)**		

IV. Source-Specific Applicable Requirements

Table IV – H
Source-specific Applicable Requirements
S-64 – HOTMELT PUMP/EXTRUDER WIPE CLEANING (BLDG 104)

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
8-1-320	Surface Preparation; Clean-up; Coating, Ink, Paint Removal (no open containers for cleaning materials impregnated with organic compounds)	Y	
8-1-321	Closed Containers (no open containers for organic cleaning compounds)	Y	
BAAQMD Regulation 8, Rule 16	**Organic Compounds – Solvent Cleaning Operations (9/16/98)**		
8-16-501	Solvent Records		
8-16-501.2	Facility-wide, annual records of makeup solvent use	N	
8-16-501.5	Record retention	N	
SIP Regulation 8, Rule 16	**Organic Compounds – Solvent Cleaning Operations (6/15/94)**		
8-16-501	Solvent Records		
8-16-501.2	Facility-wide, quarterly records of makeup solvent use	Y (Note 1)	
BAAQMD Condition 4479			
Part 1	Summary of applicable requirements (basis: Reg. 8-16-501.2)	Y	
Part 2	Net solvent usage limit (basis: Cumulative Increase, Reg. 2-1)	Y	
Part 3	Recordkeeping requirement (basis: Cumulative Increase)	Y	
BAAQMD Condition 15682			
Part 10	Facility-wide emission cap (basis: Reg. 2-2-302)	Y	
Part 11	Recordkeeping requirements (basis: Reg. 2-2-302)	Y	

Note 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

Table IV – I
Source-specific Applicable Requirements
S-67 - SOLVENT JET VESSEL CLEANING SYSTEM

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8, Rule 1	**Organic Compounds – General Provisions (6/15/94)**		
8-1-320	Surface Preparation; Clean-up; Coating, Ink, Paint Removal (no open containers for cleaning materials impregnated with organic compounds)	Y	
8-1-321	Closed Containers (no open containers for organic cleaning compounds)	Y	
BAAQMD Regulation 8, Rule 4	**Organic Compounds – General Solvent and Surface Coating Operations (5/15/96) This regulation applies only to the pre-cleaning of open resin vessels before they are processed in the sealed S-67 unit.**		
8-4-302	Solvents and Surface Coating Requirements		
8-4-302.1	emissions less than 5 ton/yr VOC	N	
8-4-312	Solvent Evaporative Loss Minimization		
8-4-312.1	no open containers for cleaning materials impregnated with solvents	N	
8-4-312.3	no open containers for solvents and coatings	N	
8-4-501	Recordkeeping Requirements		
8-4-501.1	list of coatings and solvents	Y	
8-4-501.2	annual records of coatings and solvents	Y	
8-4-501.4	record retention (24 months)	N	
SIP Regulation 8, Rule 4	**Organic Compounds – General Solvent and Surface Coating Operations (12/20/95) This regulation applies only to the pre-cleaning of open resin vessels before they are processed in the sealed S-67 unit.**		
8-4-301	Limitations on Operations Involving Heat (2.5 ton/yr of precursor organic compounds)	Y (Note 1)	
8-4-501	Recordkeeping Requirements		
8-4-501.1	list of coatings and solvents	Y	
8-4-501.2	annual records of coatings and solvents	Y	
8-4-501.4	record retention (36 months)	Y (Note 1)	

IV. Source-Specific Applicable Requirements

Table IV – I
Source-specific Applicable Requirements
S-67 - SOLVENT JET VESSEL CLEANING SYSTEM

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Condition 7169			
Part 1	Summary of applicable requirements (basis: Reg. 8-16)	Y	
Part 2	Net solvent usage limit (basis: Reg. 2-1-234.3)	Y	
Part 3	Abatement requirement (basis: Cumulative Increase)	Y	
Part 4	Prohibition of equipment leaks (basis: Cumulative Increase)	Y	
Part 5	Abatement efficiency requirement (basis: Cumulative Increase)	Y	
Part 6	Abatement device temperature requirement (basis: Cumulative Increase, Reg. 1-521)	Y	
Part 7a	Allowable abatement device temperature excursions (basis: Reg. 2-1-403)	Y	
Part 7b	Temperature excursion recordkeeping requirement (basis: Reg. 2-1-403)	Y	
Part 8	Abatement device recordkeeping requirement (basis: Cumulative Increase, Reg. 1-521)	Y	
Part 9	Solvent usage recordkeeping requirement (basis: Cumulative Increase, Reg. 1-521, Reg. 2-1-234.3))	Y	
BAAQMD Condition 15682			
Part 10	Facility-wide emission cap (basis: Reg. 2-2-302)	Y	
Part 11	Recordkeeping requirements (basis: Reg. 2-2-302)	Y	

Note 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 – J
Source-specific Applicable Requirements
S-74 - WIPE CLEANING OPERATION (RESIN VESSELS, MIXERS, REACTORS)

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date

IV. Source-Specific Applicable Requirements

Table IV – J
Source-specific Applicable Requirements
S-74 - WIPE CLEANING OPERATION (RESIN VESSELS, MIXERS, REACTORS)

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8, Rule 1	**Organic Compounds – General Provisions (6/15/94)**		
8-1-320	Surface Preparation; Clean-up; Coating, Ink, Paint Removal (no open containers for cleaning materials impregnated with organic compounds)	Y	
8-1-321	Closed Containers (no open containers for organic cleaning compounds)	Y	
BAAQMD Regulation 8, Rule 12	**Organic Compounds – Paper, Fabric and Film Coating (12/20/95)**		
8-12-305	Surface Preparation and Cleanup Solvent	Y	
8-12-305.1	no open containers for cleaning materials impregnated with organic compounds	Y	
8-12-305.2	no open containers for organic cleaning compounds	Y	
BAAQMD Regulation 8, Rule 16	**Organic Compounds – Solvent Cleaning Operations (9/16/98)**		
8-16-501	Solvent Records		
8-16-501.2	Facility-wide, annual records of makeup solvent use	N	
8-16-501.5	Record retention	N	
SIP Regulation 8, Rule 16	**Organic Compounds – Solvent Cleaning Operations (6/15/94)**		
8-16-501	Solvent Records		
8-16-501.2	Facility-wide, quarterly records of makeup solvent use	Y (Note 1)	
BAAQMD Condition 7520			
Part 1	Summary of applicable requirements (basis: Regulation 8-16-501)	Y	
Part 2	Net solvent usage limit (basis: Cumulative Increase)	Y	
Part 3	Recordkeeping requirement (basis: Cumulative Increase)	Y	

IV. Source-Specific Applicable Requirements

Table IV – J
Source-specific Applicable Requirements
S-74 - WIPE CLEANING OPERATION (RESIN VESSELS, MIXERS, REACTORS)

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Condition 15682			
Part 10	Facility-wide emission cap (basis: Reg. 2-2-302)	Y	
Part 11	Recordkeeping requirements (basis: Reg. 2-2-302)	Y	

Note 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

Table IV – K
Source-specific Applicable Requirements
S-76 - TENTER FRAME CLIP WIPE CLEANING (BLDG 104)
S-77 - WIPE CLEANING (BLDG 104)

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8, Rule 1	**Organic Compounds – General Provisions (6/15/94)**		
8-1-320	Surface Preparation; Clean-up; Coating, Ink, Paint Removal (no open containers for cleaning materials impregnated with organic compounds)	Y	
8-1-321	Closed Containers (no open containers for organic cleaning compounds)	Y	
BAAQMD Regulation 8, Rule 16	**Organic Compounds – Solvent Cleaning Operations (9/16/98)**		
8-16-501	Solvent Records		
8-16-501.2	Facility-wide, annual records of makeup solvent use	N	
8-16-501.5	Record retention	N	
SIP Regulation 8, Rule 16	**Organic Compounds – Solvent Cleaning Operations (6/15/94)**		
8-16-501	Solvent Records		
8-16-501.2	Facility-wide, quarterly records of makeup solvent use	Y (Note 1)	
BAAQMD Condition 10836			
Part 1	Summary of applicable requirements (basis: Reg. 8-16-501.2)	Y	
Part 2	Net solvent usage limit (basis: Cumulative Increase, Reg. 2-1)	Y	
Part 3	Housekeeping requirement (basis: Cumulative Increase)	Y	
Part 4	Recordkeeping requirement (basis: Cumulative Increase)	Y	
BAAQMD Condition 15682			
Part 10	Facility-wide emission cap (basis: Reg. 2-2-302)	Y	
Part 11	Recordkeeping requirements (basis: Reg. 2-2-302)	Y	

Note 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

IV. Source-Specific Applicable Requirements

disapproved) the District's revision of the regulation.

Table IV – L
Source-specific Applicable Requirements
S-78 - TAPE LINE COATER (BLDG 191)

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8, Rule 1	**Organic Compounds – General Provisions (6/15/94)**		
8-1-320	Surface Preparation; Clean-up; Coating, Ink, Paint Removal (no open containers for cleaning materials impregnated with organic compounds)	Y	
8-1-321	Closed Containers (no open containers for organic cleaning compounds)	Y	
BAAQMD Regulation 8, Rule 4	**Organic Compounds – General Solvent and Surface Coating Operations (5/15/96)**		
8-4-302	Solvents and Surface Coating Requirements		
8-4-302.1	emissions less than 5 ton/yr VOC	N	
8-4-312	Solvent Evaporative Loss Minimization		
8-4-312.1	no open containers for cleaning materials impregnated with solvents	N	
8-4-312.3	no open containers for solvents and coatings	N	
8-4-501	Recordkeeping Requirements		
8-4-501.1	list of coatings and solvents	Y	
8-4-501.2	annual records of coatings and solvents	Y	
8-4-501.4	record retention (24 months)	N	
SIP Regulation 8, Rule 4	**Organic Compounds – General Solvent and Surface Coating Operations (12/20/95)**		
8-4-301	Limitations on Operations Involving Heat (2.5 ton/yr of precursor organic compounds)	Y (Note 1)	
8-4-501	Recordkeeping Requirements		
8-4-501.1	list of coatings and solvents	Y	
8-4-501.2	annual records of coatings and solvents	Y	
8-4-501.4	record retention (36 months)	Y (Note 1)	

IV. Source-Specific Applicable Requirements

Table IV – L
Source-specific Applicable Requirements
S-78 - TAPE LINE COATER (BLDG 191)

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8, Rule 16	**Organic Compounds – Solvent Cleaning Operations (9/16/98)**		
8-16-501	Solvent Records		
8-16-501.2	Facility-wide, annual records of makeup solvent use	N	
8-16-501.5	Record retention	N	
SIP Regulation 8, Rule 16	**Organic Compounds – Solvent Cleaning Operations (6/15/94)**		
8-16-501	Solvent Records		
8-16-501.2	Facility-wide, quarterly records of makeup solvent use	Y (Note 1)	
40 CFR 60 Subpart VVV	**Standards of Performance for Polymeric Coating of Supporting Substrates Facilities (9/11/89)**		
60.744	Monitoring requirements		
60.744(b)(1)	semiannual estimates of VOC to be used at coater in each year	Y	
60.744(b)(2)	records of actual VOC use	Y	
60.747	Reporting and recordkeeping requirements		
60.747(c)(1)	record semiannual estimates of VOC to be used at coater in each year and actual annual VOC use	Y	
60.747(c)(2)	report first semiannual estimate of VOC use exceeding 95 Mg/yr	Y	when triggered
60.747(c)(3)	report first 12-month period of actual VOC use exceeding 95 Mg/yr	Y	when triggered
BAAQMD Condition 13164			
Part 1	Summary of applicable requirements (basis: Reg. 8-4, NSPS)	Y	
Part 2	Coating solvent throughput limit (basis: Cumulative Increase)	Y	
Part 3	Cleanup solvent throughput limit (basis: Cumulative Increase)	Y	
Part 4	Abatement requirement (basis: Cumulative Increase)	Y	
Part 5	Abatement device efficiency requirement (basis: Cumulative Increase)	Y	
Part 6	Abatement device temperature requirement (basis: Cumulative Increase, Reg. 1-521)	Y	

IV. Source-Specific Applicable Requirements

Table IV – L
Source-specific Applicable Requirements
S-78 - TAPE LINE COATER (BLDG 191)

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
Part 7a	Allowable abatement device temperature excursions (basis: Reg. 2-1-403)	Y	
Part 7b	Temperature excursion recordkeeping requirement (basis: Reg. 2-1-403)	Y	
Part 8	Recordkeeping requirement (basis: Cumulative Increase, Reg. 1-521)	Y	
BAAQMD Condition 15682			
Part 10	Facility-wide emission cap (basis: Reg. 2-2-302)	Y	
Part 11	Recordkeeping requirements (basis: Reg. 2-2-302)	Y	

Note 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 – M
Source-specific Applicable Requirements
S-81 - TOWER IV COATER AND DRYER

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
BAAQMD Regulation 8, Rule 1	**Organic Compounds – General Provisions (6/15/94)**		
8-1-320	Surface Preparation; Clean-up; Coating, Ink, Paint Removal (no open containers for cleaning materials impregnated with organic compounds)	Y	
8-1-321	Closed Containers (no open containers for organic cleaning compounds)	Y	
BAAQMD Regulation 8, Rule 12	**Organic Compounds – Paper, Fabric and Film Coating (12/20/95)**		
8-12-301	Limitations, Coating Lines		

IV. Source-Specific Applicable Requirements

Table IV – M
Source-specific Applicable Requirements
S-81 - TOWER IV COATER AND DRYER

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
8-12-301.2	emissions less than 120 gram VOC/liter of coating applied (1.0 lb/gal), excluding water	Y	
8-12-305	Surface Preparation and Cleanup Solvent	Y	
8-12-305.1	no open containers for cleaning materials impregnated with organic compounds	Y	
8-12-305.2	no open containers for organic cleaning compounds	Y	
8-12-501	Coating Records		
8-12-501.1	list of coatings in use with data required for compliance verification	Y	
8-12-501.2	daily records of coating application	Y	
8-12-501.3	daily records of abatement device operating parameters	Y	
8-12-501.4	record retention requirement	Y	
BAAQMD Regulation 8, Rule 16	**Organic Compounds – Solvent Cleaning Operations (9/16/98)**		
8-16-501	Solvent Records		
8-16-501.2	Facility-wide, annual records of makeup solvent use	N	
8-16-501.5	Record retention	N	
SIP Regulation 8, Rule 16	**Organic Compounds – Solvent Cleaning Operations (6/15/94)**		
8-16-501	Solvent Records		
8-16-501.2	Facility-wide, quarterly records of makeup solvent use	Y (Note 1)	
BAAQMD Regulation 9, Rule 1	**Inorganic Gaseous Pollutants – Sulfur Dioxide (3/15/95)**		
9-1-301	Limitations on Ground Level Concentrations	Y	
9-1-302	General Emission Limitations	Y	
40 CFR 60 Subpart VVV	**Standards of Performance for Polymeric Coating of Supporting Substrates Facilities (9/11/89)**		
60.742	Standards for volatile organic compounds		

IV. Source-Specific Applicable Requirements

Table IV – M
Source-specific Applicable Requirements
S-81 - TOWER IV COATER AND DRYER

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
60.742(b)(2)	95% minimum VOC destruction efficiency for system with permanent total enclosure	Y	
60.743	Compliance provisions		
60.743(b)(1)	demonstration of total enclosure	Y	
60.743(b)(2)	determination of destruction efficiency	Y	
60.744	Monitoring requirements		
60.744(e)	abatement device temperature monitoring device	Y	
60.744(i)	recordkeeping requirement for periods of abatement device inoperation	Y	
60.744(j)	recordkeeping requirement for periods of monitoring device inoperation	Y	
60.747	Reporting and recordkeeping requirements		
60.747(d)(4)	reporting requirement for periods of reduced abatement device temperature	Y	
60.747(f)(1)	reporting requirement for periods of monitoring device inoperation	Y	
60.747(f)(2)	reporting requirement for periods of abatement device inoperation	Y	
60.747(h)	record retention requirement	Y	
BAAQMD Condition 15682			
Part 1	Summary of applicable requirements (basis: Reg. 8-12-301.2, NSPS, BACT)	Y	
Part 2	Abatement requirement (basis: Reg. 8-12-301.2, NSPS, BACT)	Y	
Part 3	Requirement for total enclosure (basis: NSPS, BACT)	Y	
Part 4	Abatement device efficiency requirement (basis: Cumulative Increase, NSPS, BACT)	Y	
Part 5	Abatement device temperature requirement (basis: Regulation 2-1-403, BACT)	Y	
Part 6a	Allowable abatement device temperature excursions (basis: Regulation 2-1-403)	Y	
Part 6b	Temperature excursion recordkeeping requirement (basis: Regulation 2-1-403)	Y	
Part 7a	Abatement device temperature monitoring device requirement (basis: Reg. 1-521)	Y	

IV. Source-Specific Applicable Requirements

Table IV – M
Source-specific Applicable Requirements
S-81 - TOWER IV COATER AND DRYER

Applicable Requirement	Regulation Title or Description of Requirement	Federally Enforceable (Y/N)	Future Effective Date
Part 7b	Abatement device temperature recordkeeping requirement (basis: Reg. 1-521)	Y	
Part 8	VOC emission limit (basis: Cumulative Increase)	Y	
Part 9a	Emission recordkeeping requirement (basis: Cumulative Increase)	Y	
Part 9b	Emission calculation method (basis: Cumulative Increase)	Y	
Part 10	Facility-wide emission cap (basis: Reg. 2-2-302)	Y	
Part 11	Recordkeeping requirements (basis: Reg. 2-2-302)	Y	
Part 12	Recordkeeping requirements (basis: Reg. 8-12-501)	Y	

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

V. SCHEDULE OF COMPLIANCE

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

VI. PERMIT CONDITIONS

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

CONDITION # 4197
FOR S-58, TOWER III COATER
FOR S-59, TOWER III DRYER (NATURAL-GAS FIRED)
(Application 17138)

1. The S-58 coater ("Tower III"), S-59 dryer and the A-21 oxidizer are subject to the following requirements:

   a. District Regulation 8, Rule 12 ("Paper, Fabric and Film Coating"), including 8-12-301.2, 305 and 501
   b. New Source Performance Standard (NSPS), Part 60, Subpart VVV ("Polymeric Coating of Supporting Substrates Facilities"), including 60.742(b)(1)

   None of the provisions of these permit conditions relieve the obligation to comply with the provisions of Regulation 8, Rule 12 or the NSPS. All reports or other submittals required by the NSPS shall be submitted to EPA, Region 9 as well as the District Director of Compliance and Enforcement.

   [Regulation 8-12-301.2, NSPS]

2. Coater S-58 and dryer S-59 shall be vented under negative pressure to the A-21 thermal oxidizer as required to comply with Regulation 8-12-301.2.

   [Cumulative Increase, Regulation 8-12-301.2]

VI. Permit Conditions

CONDITION # 4197

3. S-58 and S-59 shall operate as a total enclosure as defined in New Source Performance Standard (NSPS), Subpart VVV, Section 60.743(b)(1). All cleanup operations using solvents with more than 10% VOC at S-58 and S-59 shall be performed within the total enclosure. [NSPS Subpart VVV]

4. A-21 shall provide a minimum volatile organic compound (VOC) destruction efficiency of 95% by weight as measured by District-approved source test methods. [NSPS Subpart VVV]

5. A-21 shall operate at a minimum temperature of at least 1400 degrees F (average over any three-minute period) whenever required to operate by Part 2, and shall be equipped with a District-approved continuous temperature recorder. This device shall be accurate to within 5 degrees F and shall be maintained in accordance with manufacturer's recommendations. [Cumulative Increase, Reg. 8-12-301.2, NSPS Subpart VVV, Reg. 1-521]

6a. The minimum temperature requirement of Part 5 shall not apply during an "Allowable Temperature Excursion" below the minimum temperature, provided that the controller set temperature is at or above the minimum temperature requirement. An Allowable Temperature Excursion is one of the following:

1. A temperature excursion not exceeding 20 degrees F;
2. A temperature excursion for a period or periods aggregating less than or equal to 15 minutes in any hour; or
3. A temperature excursion for a period or periods aggregating more than 15 minutes in any hour, provided that both of the following criteria are met. Only 12 such excursions are allowed per calendar year.
   i. the excursion does not exceed 50 degrees F; and
   ii. the duration of the excursion does not exceed 24 hours.

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. [Regulation 2-1-403]

6b. For each Allowable Temperature Excursion that exceeds 20 degrees F and 15 minutes in duration, the Permit Holder shall keep sufficient records to demonstrate that they meet the qualifying criteria described above. Records shall be retained for a minimum of 5 years from the date of entry, and shall be made available to the District upon request. Records shall include at least the following information:

VI. Permit Conditions

CONDITION # 4197

a. Thermal oxidizer controller set temperature;
b. Starting date and time, and duration of each Allowable Temperature Excursion;
c. Minimum 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. [Regulation 2-1-403]

7. Total abated emissions of volatile organic compounds (VOC) from S-58 and S-59 shall not exceed 120 pounds per day. This shall be verified by calculating emissions as follows:

emissions = (solvent load to A-21)(1 – Part 4 abatement efficiency) + (S-58, S-59 wipe cleaning emissions) = 120 lb/day or less

where "solvent load" is based on actual coating application quantities and compositions. [Cumulative Increase]

8. The following records shall be kept onsite in a District-approved log:

a. composition of all coatings and cleanup solvents used at S-58, S-59
b. daily records of coating and cleanup solvent usage at S-58, S-59
c. continuous operating temperature records for A-21
d. monthly calculation of daily average S-58 and S-59 emissions in accordance with Part 7

These records shall be kept for at least 5 years and shall be made available to the District upon request. [Cumulative Increase, Regulation 8-12-501]

CONDITION # 4479
FOR S-64, HOTMELT PUMP/EXTRUDER WIPE CLEANING (BLDG 104)
(Application 17138)

1. The S-64 wipe cleaning operation is subject to the recordkeeping requirements of Regulation 8-16-501.2 (annual, facility-wide solvent records), although more frequent records are required in Part 3. [Regulation 8-16-501.2]

VI. Permit Conditions

CONDITION # 4479

2. The total net cleanup solvent usage at S-64 shall not exceed 300 pounds in any consecutive 12-month period. Solvents shall not be used in quantities which exceed the risk screening "trigger levels" for any compound in Table 2-1-316 of Regulation 2, Rule 1. [Cumulative Increase, Regulation 2, Rule 1]

3. The total net monthly solvent usage at S-64 shall be recorded in a District-approved log. These records shall be kept for at least 5 years and shall be made available to the District upon request. [Cumulative Increase]

CONDITION # 6978
FOR S-21, S-28, S-29, S-35, S-48, S-65, BATCH MIXERS (HOT-MELT RESINS)
FOR S-33, EXPERIMENTAL BATCH REACTOR
FOR S-34, BATCH RESIN REACTOR
(Application 17138)

1. Resin mixers S-21, S-28, S-29, S-35, S-48, S-65 and resin reactors S-33, S-34 are subject to the following requirements:
   a. District Regulation 8, Rule 12 ("Paper, Fabric and Film Coating"), including 8-12-302 and 305
   b. District Regulation 8, Rule 36 ("Resin Manufacturing"), including 8-36-301

   None of the provisions of these permit conditions relieve the obligation to comply with the provisions of Regulation 8, Rules 12 or 36. [Regulations 8-12, 8-36]

2. The total amount of resin product prepared at S-21, S-28, S-29, S-35, S-48, S-65, S-33, S-34 shall not exceed 605.4 ton/yr in any consecutive 12-month period. [Regulation 2-1-234.3]

3. Emissions from resin mixers S-21, S-28, S-29, S-35, S-48, S-65 and resin reactors S-33 and S-34 (excluding wipe cleaning emissions) shall be vented to the A-7 thermal oxidizer, such that each mixer and reactor operates under negative pressure. [Cumulative Increase, Regulation 8-36-301.1]

VI. Permit Conditions

4. All solvent used for wipe cleaning of these resin mixers and reactors (mixers and vessels) shall be included in the amount reported for wipe cleaning operation S-74 and is subject to the S-74 solvent usage limit. [Cumulative Increase]

CONDITION # 6978

5. Resin mixers S-21, S-28, S-29, S-35, S-48, S-65 and resin reactors S-33 and S-34 shall not be operated unless at least 95% overall abatement of volatile organic compounds (VOC) is provided by A-7, Thermal Oxidizer.

[Regulation 8-36-301]

6. A-7 shall be operated at no less than 1,400 degrees F (based on a 3-minute average) whenever required to operate by Part 5. A- 7 shall be provided with District-approved continuous temperature monitoring instrumentation. This device shall be accurate to within 5 degrees F and shall be maintained in accordance with manufacturer's recommendations.

[Cumulative Increase, Regulations 8-36-301.1, 1-521]

7a. The minimum temperature requirement of Part 6 shall not apply during an "Allowable Temperature Excursion" below the minimum temperature, provided that the controller set temperature is at or above the minimum temperature requirement. An Allowable Temperature Excursion is one of the following:

1. A temperature excursion not exceeding 20 degrees F;
2. A temperature excursion for a period or periods aggregating less than or equal to 15 minutes in any hour; or
3. A temperature excursion for a period or periods aggregating more than 15 minutes in any hour, provided that both of the following criteria are met. Only 12 such excursions are allowed per calendar year.
   i. the excursion does not exceed 50 degrees F; and
   ii. the duration of the excursion does not exceed 24 hours.

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.

[Regulation 2-1-403]

7b. For each Allowable Temperature Excursion that exceeds 20 degrees F and 15 minutes in duration, the Permit Holder shall keep sufficient records to demonstrate that they meet the qualifying criteria described above. Records shall be retained for a minimum of 5 years

VI. Permit Conditions

from the date of entry, and shall be made available to the District upon request. Records shall include at least the following information:

a. Thermal oxidizer controller set temperature;
b. Starting date and time, and duration of each Allowable Temperature Excursion;
c. Minimum temperature during each Allowable Temperature Excursion;

VI. Permit Conditions

CONDITION # 6978

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. [Regulation 2-1-403]

8a. A-7 operating temperature records shall be kept onsite for at least 5 years from the date of the records and shall be made available to the District on request.
[Cumulative Increase, Regulations 8-36-301.1, 1-521]

8b. Monthly records of the total amount of resin product prepared at resin mixers S-21, S-28, S-29, S-35, S-48, S-65 and resin reactors S-33 and S-34 shall be kept in a District-approved log for at least 5 years and shall be made available to the District upon request.
[Regulation 2-1-234.3]

CONDITION # 7165
FOR S-27, S-30, S-66, S-75, S-79, S-68, S-69, S-70, S-71, S-72, S-73, S-80
(Application 17138)

1. Resin mixers S-27, S-30, S-66, S-75, S-79 and resin blend tanks S-68, S-69, S-70, S-71, S-72, S-73, S-80 are subject to the following requirements:

a. District Regulation 8, Rule 12 ("Paper, Fabric and Film Coating"), including 8-12-302 and 305
b. District Regulation 8, Rule 36 ("Resin Manufacturing"), including 8-36-301
c. New Source Performance Standard (NSPS), Part 60, Subpart VVV ("Polymeric Coating of Supporting Substrates Facilities"), including 60.742(c)(1)

None of the provisions of these permit conditions relieve the obligation to comply with the provisions of Regulation 8, Rules 12 or 36 or the NSPS. All reports or other submittals required by the NSPS shall be submitted to EPA, Region 9 as well as the District Director of Compliance and Enforcement.
[Regulations 8-12, 8-36, NSPS Subpart VVV]

2. The total amount of resin product prepared at S-27, S-30, S-66, S-75, S-79, S-68, S-69, S-70, S-71, S-72, S-73, S-80 shall not exceed 3,460.9 tons in any consecutive 12-month period. [Regulation 2-1-234.3]

VI. Permit Conditions

CONDITION # 7165

3. Emissions from resin mixers S-27, S-30, S-66, S-75, S-79 and resin blend tanks S-68, S-69, S-70, S-71, S-72, S-73, S-80 (excluding wipe cleaning emissions) shall be vented to the A-7 thermal oxidizer, such that each mixer and blend tank operates under negative pressure.
[Cumulative Increase, NSPS Subpart VVV, Regulation 8-36-301.1]

4. All solvent used for wipe cleaning of these resin mixers and blend tanks (mixers and vessels) shall be included in the amount reported for wipe cleaning operation S-74 and is subject to the S-74 solvent usage limit. [Cumulative Increase]

5. Resin mixers S-27, S-30, S-66, S-75, S-79 and resin blend tanks S-68, S-69, S-70, S-71, S-72, S-73, S-80 shall not be operated unless at least 95% overall abatement of volatile organic compounds (VOC) is provided by A-7, Thermal Oxidizer.
[Regulation 8-36-301]

6. A-7 shall be operated at no less than 1,400 degrees F (based on a 3-minute average) whenever required to operate by Part 5. A- 7 shall be provided with District-approved continuous temperature monitoring instrumentation. This device shall be accurate to within 5 degrees F and shall be maintained in accordance with manufacturer's recommendations.
[Cumulative Increase, Regulations 8-36-301.1, 1-521]

7a. The minimum temperature requirement of Part 6 shall not apply during an "Allowable Temperature Excursion" below the minimum temperature, provided that the controller set temperature is at or above the minimum temperature requirement. An Allowable Temperature Excursion is one of the following:

1. A temperature excursion not exceeding 20 degrees F;
2. A temperature excursion for a period or periods aggregating less than or equal to 15 minutes in any hour; or
3. A temperature excursion for a period or periods aggregating more than 15 minutes in any hour, provided that both of the following criteria are met. Only 12 such excursions are allowed per calendar year.
   i. the excursion does not exceed 50 degrees F; and
   ii. the duration of the excursion does not exceed 24 hours.

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.

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[Regulation 2-1-403]

CONDITION # 7165

7b. For each Allowable Temperature Excursion that exceeds 20 degrees F and 15 minutes in duration, the Permit Holder shall keep sufficient records to demonstrate that they meet the qualifying criteria described above. Records shall be retained for a minimum of 5 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. Thermal oxidizer controller set temperature;
b. Starting date and time, and duration of each Allowable Temperature Excursion;
c. Minimum 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. [Regulation 2-1-403]

8a. A-7 operating temperature records shall be kept onsite for at least 5 years from the date of the records and shall be made available to the District on request.
[Cumulative Increase, Regulations 8-36-301.1, 1-521]

8b. Monthly records of the total amount of resin product prepared at resin mixers S-27, S-30, S-66, S-75, S-79 and resin blend tanks S-68, S-69, S-70, S-71, S-72, S-73, S-80 shall be kept in a District-approved log for at least 5 years and shall be made available to the District upon request. [Regulation 2-1-234.3]

CONDITION # 7169
FOR S-67, SOLVENT JET CLEANING SYSTEM
(Application 17138)

1. Solvent jet cleaning system S-67 is subject to the following requirements:

a. District Regulation 8, Rule 16 ("Solvent Cleaning Operations")

None of the provisions of these permit conditions relieve the obligation to comply with the provisions of Regulation 8, Rule 16. [Regulation 8-16]

VI. Permit Conditions

2. Total net solvent usage at S-67 (for all solvents combined, measured as amount of fresh solvent added to S-67) shall not exceed a total of 308 gallons in any consecutive 12-month period. [Regulation 2-1-234.3]

CONDITION # 7165

3. Whenever S-67 is operated, solvent emissions from the system condenser vent shall be vented under negative pressure to the A-7 thermal oxidizer.

   Whenever vessels are cleaned without a sealed system (as when the manual solvent wand is used) system suction shall be maintained on the vessel to minimize solvent loss. System operators shall minimize solvent splash-out during this step.
   [Cumulative Increase]

4. S-67 shall not be operated with liquid solvent leaks.
   [Cumulative Increase]

5. A-7 shall provide at least 95% destruction of non-methane hydrocarbons (NMHC).
   [Cumulative Increase]

6. A-7 shall be operated at no less than 1,400 degrees F (based on a 3-minute average) whenever required to operate by Part 3. A-7 shall be provided with District-approved continuous temperature monitoring instrumentation. This device shall be accurate to within 5 degrees F and shall be maintained in accordance with manufacturer's recommendations. [Cumulative Increase, Regulation 1-521]

7a. The minimum temperature requirement of Part 6 shall not apply during an "Allowable Temperature Excursion" below the minimum temperature, provided that the controller set temperature is at or above the minimum temperature requirement. An Allowable Temperature Excursion is one of the following:

   1. A temperature excursion not exceeding 20 degrees F;
   2. A temperature excursion for a period or periods aggregating less than or equal to 15 minutes in any hour; or
   3. A temperature excursion for a period or periods aggregating more than 15 minutes in any hour, provided that both of the following criteria are met. Only 12 such excursions are allowed per calendar year.
      i. the excursion does not exceed 50 degrees F; and
      ii. the duration of the excursion does not exceed 24 hours.

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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.
[Regulation 2-1-403]

CONDITION # 7165

7b. For each Allowable Temperature Excursion that exceeds 20 degrees F and 15 minutes in duration, the Permit Holder shall keep sufficient records to demonstrate that they meet the qualifying criteria described above. Records shall be retained for a minimum of 5 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. Thermal oxidizer controller set temperature;
b. Starting date and time, and duration of each Allowable Temperature Excursion;
c. Minimum 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. [Regulation 2-1-403]

8. A-7 operating temperature records shall be kept onsite for at least 5 years from the date of the records and shall be made available to the District upon request.

9. Monthly records of the amount of fresh solvent added and waste solvent removed from S-67, and the resulting net solvent usage, shall be kept in a District-approved log for at least 5 years and shall be made available to the District upon request.
[Cumulative Increase, Regulation 1-521, Regulation 2-1-234.3]

CONDITION # 7520
FOR S-74, WIPE CLEANING OPERATION (RESIN VESSELS, MIXERS, REACTORS)
(Application 17138)

1. The S-74 wipe cleaning operation is subject to the recordkeeping requirements of Regulation 8-16-501 (annual records), although more frequent records are required in Part 3. [Regulation 8-16-501]

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2. Net solvent usage for wipe cleaning of all resin vessels, mixers and reactors at the facility shall not exceed 500 gallons in any rolling 12 consecutive month period.
[Cumulative Increase]

3. Daily records of net solvent usage for wipe cleaning of resin vessels, mixers and reactors at the facility shall be kept in a District-approved log. These records shall be kept onsite for at least 5 years from date of entry and shall be made available to the District upon request.
[Cumulative Increase]

CONDITION # 10836
FOR S-76, TENTER FRAME CLIP WIPE CLEANING (BLDG 104)
FOR S-77, WIPE CLEANING (BLDG 104)
(Application 17138)

1. The S-76 Tenter Frame Clip Wipe Cleaning operation and the S-77 Manual Wipe Cleaning operation are subject to the recordkeeping requirements of Regulation 8-16-501.2 (annual, facility-wide solvent records), although more frequent records are required in Part 4.
[Regulation 8-16-501.2]

2. Combined net usage of cleanup solvent at S-76 and S-77 shall not exceed 750 gallons in any rolling 12 consecutive month period. All solvent used in Building 104 (except for low-volatility solvent used at S-64) shall be counted under this total. Solvents shall not be used in quantities which exceed the risk screening "trigger levels" for any compound in Table 2-1-316 of Regulation 2, Rule 1.
[Cumulative Increase, Regulation 2, Rule 1]

3. Cleaning pads used at S-76 shall be removed and stored in a closed container when S-76 is not in operation. Materials used for wipe cleaning shall also be stored in closed containers.
[Cumulative Increase]

4. Monthly records of the type and net amount of solvent used at S-76 and S-77 shall be maintained in a District-approved log. These records shall be kept on site for at least 5 years from the date of the records and shall be made available to the District upon request. Unless records are maintained of the amount of spent solvent removed from S-76 and S-77 for recycling or offsite disposal, net solvent usage will be considered to be equal to gross solvent application at these sources.
[Cumulative Increase]

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CONDITION # 13164
FOR S-78, TAPE LINE COATER (BLDG 191)
(Application 17138)

1. Tape Line Coater S-78 is subject to the following requirements:

   a. Regulation 8, Rule 4, Section 302 in accordance with the exemption in Section 110.1 of District Regulation 8, Rule 12 ("Paper, Fabric and Film Coating").
   b. New Source Performance Standard (NSPS), Part 60, Subpart VVV ("Polymeric Coating of Supporting Substrates Facilities"), including 60.744(b) and 60.744(c) [Regulation 8, Rule 4, NSPS Subpart VVV]

CONDITION # 13164

2. S-78 shall apply resins including no more than 13,125 pounds of organic solvents in any consecutive 12 month period. [Cumulative Increase]

3. No more than 35 gallons of cleanup solvent (net) shall be used at S-78 in any consecutive 12 month period. [Cumulative Increase]

4. Emissions from the S-78 drying ovens shall be vented under negative pressure to the A-7 thermal oxidizer. [Cumulative Increase]

5. A-7 shall provide a minimum overall abatement efficiency of 81% for S-78 whenever solvent is evaporated in the S-78 drying ovens. [Cumulative Increase]

6. The A-7 thermal oxidizer shall be operated at no less than 1,400 degrees F (based on a 3-minute average) whenever required to operate by Part 5. A-7 shall be provided with District-approved continuous temperature monitoring instrumentation. This device shall be accurate to within 5 degrees F and shall be maintained in accordance with manufacturer's recommendations. [Cumulative Increase, Regulation 1-521]

7a. The minimum temperature requirement of Part 6 shall not apply during an "Allowable Temperature Excursion" below the minimum temperature, provided that the controller set temperature is at or above the minimum temperature requirement. An Allowable Temperature Excursion is one of the following:

   1. A temperature excursion not exceeding 20 degrees F;
   2. A temperature excursion for a period or periods aggregating less than or equal to 15 minutes in any hour; or

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3. A temperature excursion for a period or periods aggregating more than 15 minutes in any hour, provided that both of the following criteria are met. Only 12 such excursions are allowed per calendar year.
   i. the excursion does not exceed 50 degrees F; and
   ii. the duration of the excursion does not exceed 24 hours.

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.

[Regulation 2-1-403]

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CONDITION # 13164

7b. For each Allowable Temperature Excursion that exceeds 20 degrees F and 15 minutes in duration, the Permit Holder shall keep sufficient records to demonstrate that they meet the qualifying criteria described above. Records shall be retained for a minimum of 5 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. Thermal oxidizer controller set temperature;
b. Starting date and time, and duration of each Allowable Temperature Excursion;
c. Minimum 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. [Regulation 2-1-403]

8. The following monthly records shall be kept for at least 5 years and shall be made available to the District upon request:

a. amount of solvent applied at S-78 for each batch of resin processed (mass of applied resin multiplied by solvent fraction)
b. net amount of cleanup solvent used at S-78. Unless records are maintained of the amount of waste solvent recovered, net use will be assumed to be equal to gross use.
c. A-7 operating temperature records

[Cumulative Increase, Regulation 1-521]

CONDITION # 15598
FOR S-38, TOWER I COATER
FOR S-39, TOWER I DRYER, ZONE I (NATURAL-GAS FIRED)
FOR S-40, TOWER I DRYER, ZONE II (NATURAL-GAS FIRED)
FOR S-41, TOWER II COATER
FOR S-42, TOWER II DRYER, ZONE I (NATURAL-GAS FIRED)
FOR S-43, TOWER II DRYER, ZONE II (NATURAL-GAS FIRED)
(Application 17138)

1. The S-38 and S-41 coaters ("Towers I and II"), S-39, S-40, S-42 and S-43 dryers and the A-8 oxidizer are subject to the following requirements:

a. District Regulation 8, Rule 12 ("Paper, Fabric and Film Coating"), including 8-12-301.2, 305 and 501

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CONDITION # 15598

None of the provisions of these permit conditions relieve the obligation to comply with the provisions of Regulation 8, Rule 12.

[Regulation 8-12-301.2]

2a. Coatings applied at S-38 and S-41 shall not exceed the following limits in any consecutive 12-month period:

S-38	95,624 gallons
S-41	106,301 gallons

2b. The net usage of cleanup solvents used at S-38, S-39, S-40, S-41, S-42 and S-43 shall not exceed the following limits in any consecutive 12-month period:

S-38	451 gallons	
S-41	641 gallons	[Regulation 2-1-234.3]

3. Sources S-38, S-39, S-40, S-41, S-42 and S-43 shall be abated by thermal oxidizer A-8 to comply with Regulation 8-12-301.2. [Regulation 8-12-301.2]

4. The A-8 thermal oxidizer shall be operated at no less than 1,400 degrees F (based on a 3-minute average) whenever required to operate by Part 5. A-8 shall be provided with District-approved continuous temperature monitoring instrumentation. This device shall be accurate to within 5 degrees F and shall be maintained in accordance with manufacturer's recommendations. [Regulation 1-521]

5a. The minimum temperature requirement of Part 4 shall not apply during an "Allowable Temperature Excursion" below the minimum temperature, provided that the controller set temperature is at or above the minimum temperature requirement. An Allowable Temperature Excursion is one of the following:

1. A temperature excursion not exceeding 20 degrees F;
2. A temperature excursion for a period or periods aggregating less than or equal to 15 minutes in any hour; or

3. A temperature excursion for a period or periods aggregating more than 15 minutes in any hour, provided that both of the following criteria are met. Only 12 such excursions are allowed per calendar year.

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i. the excursion doe
ii. s not exceed 50 degrees F; and
ii. the duration of the excursion does not exceed 24 hours.

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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.
[Regulation 2-1-403]

5b. For each Allowable Temperature Excursion that exceeds 20 degrees F and 15 minutes in duration, the Permit Holder shall keep sufficient records to demonstrate that they meet the qualifying criteria described above. Records shall be retained for a minimum of 5 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. Thermal oxidizer controller set temperature;
b. Starting date and time, and duration of each Allowable Temperature Excursion;
c. Minimum 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. [Regulation 2-1-403]

6. Daily records of the type and amount of applied coatings, and of the net amount of cleanup solvents at these sources shall be maintained in a District-approved log for at least five years and shall be made available to the District upon request. Regulation 8-12-501 also requires that material records be maintained to allow verification of compliance with Regulation 8-12-301.2, as well as continuous A-8 temperature data.
[Regulations 2-1-234.3 and 8-12-501]

7. A source test shall be performed each calendar year to determine compliance with the requirements of Part 3 for the S-38 and S-41 coaters and S-39, S-40, S-42 and S-43 dryers. If the District performs a source test during a calendar year, that test shall satisfy the requirement s of this Part for that calendar year. Source tests shall be performed in accordance with the District Manual of Procedures. The Manager of the District's Source Test Section shall be notified at least seven (7) days prior to the test, to provide the District staff the option of observing the testing. Within 45 days of test completion, a comprehensive report of the test results shall be submitted to the District Director of Compliance and Enforcement. [Regulation 8-12-301.2]

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CONDITION # 15682
FOR S-81, TOWER IV COATER AND DRYER (NATURAL-GAS FIRED)
(Application 17138)

1. The S-81 coater ("Tower IV") and the A-22 oxidizer are subject to the following requirements:

   a. District Regulation 8, Rule 12 ("Paper, Fabric and Film Coating").
   b. New Source Performance Standard (NSPS), Part 60, Subpart VVV ("Polymeric Coating of Supporting Substrates Facilities").
   c. Best available control technology (BACT) requirements as described in these permit conditions.

   None of the provisions of these permit conditions relieve the obligation to comply with the provisions of Regulation 8, Rule 12 or the NSPS. All reports or other submittals required by the NSPS shall be submitted to EPA, Region 9 as well as the District Director of Compliance and Enforcement.

   [Regulation 8-12-301.2, NSPS Subpart VVV, BACT]

2. The S-81 coater tower shall be abated by the A-22 thermal oxidizer whenever coatings are applied or whenever cleanup operations are performed with solvents with more than 10% volatile organic compounds (VOC). For the purpose of these permit conditions, VOC shall include both precursor organic compounds (POC) and non-precursor organic compounds (NPOC).

   [Regulation 8-12-301.2, NSPS Subpart VVV, BACT]

3. S-81 shall operate as a total enclosure as defined in New Source Performance Standard (NSPS), Subpart VVV, Section 60.743(b)(1). All cleanup operations using solvents with more than 10% VOC at S-81 shall be performed within the total enclosure.

   [NSPS Subpart VVV, BACT]

4. A-22 shall provide a minimum non-methane hydrocarbon (NMHC) destruction efficiency of 95% by weight as measured by District-approved source test methods.

   [Cumulative Increase, NSPS Subpart VVV, BACT]

5. The minimum furnace temperature of A-22 shall be at least 1,400 degrees F, whenever it is required to operate by Part 2. This minimum temperature may be adjusted by the District if source test data demonstrate that an alternate temperature is necessary for or capable of maintaining compliance with Part 4.

   [Regulation 2-1-403, BACT]

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CONDITION # 15682

6a. The minimum temperature requirement of Part 5 shall not apply during an "Allowable Temperature Excursion" below the minimum temperature, provided that the controller set temperature is at or above the minimum temperature requirement. An Allowable Temperature Excursion is one of the following:

1. A temperature excursion not exceeding 20 degrees F;
2. A temperature excursion for a period or periods aggregating less than or equal to 15 minutes in any hour; or
3. A temperature excursion for a period or periods aggregating more than 15 minutes in any hour, provided that both of the following criteria are met. Only 12 such excursions are allowed per calendar year.
   i. the excursion does not exceed 50 degrees F; and
   ii. the duration of the excursion does not exceed 24 hours.

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.

[Regulation 2-1-403]

6b. For each Allowable Temperature Excursion that exceeds 20 degrees F and 15 minutes in duration, the Permit Holder shall keep sufficient records to demonstrate that they meet the qualifying criteria described above. Records shall be retained for a minimum of 5 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. Thermal oxidizer controller set temperature;
b. Starting date and time, and duration of each Allowable Temperature Excursion;
c. Minimum 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. [Regulation 2-1-403]

7a. A-22 shall be equipped with a temperature measuring device capable of continuously measuring and recording the temperature in A-22. This device shall be accurate to within 5 degrees F and shall be maintained in accordance with manufacturer's recommendations. This temperature monitor shall be used to determine compliance with the temperature requirements in Part 5. [Regulation 1-521]

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7b. Continuous A-22 temperature records shall be kept for at least 5 years and shall be made available to the District upon request. [Regulation 1-521]

CONDITION # 15682

8. Emissions from S-81, after abatement at A-22, shall not exceed 12.0 tons of POC or 11.3 tons of NPOC in any consecutive 12 month period. [Cumulative Increase]

9a. Monthly records of the amount of POC and NPOC emissions from S-81, after abatement at A-22, shall be kept in a District-approved log for at least 5 years and shall be made available to the District upon request.
[Cumulative Increase]

9b. Emissions shall be calculated based on the type and amount of solvent used in each batch of applied coatings plus the type and amount of cleanup solvents (with more than 10% VOC) used at S-81. Collection efficiency may be assumed to be 100% for this "total enclosure" system. A-22 destruction efficiency shall be assumed to be equal to the requirement in Part 4. Records shall include the volume of each batch of applied coatings and the type and amount of coating solvents.
[Cumulative Increase]
[Note: Regulation 8, Rule 12 and the NSPS may require more frequent records.]

10. This facility shall not have POC emissions which exceed 50 tons in any consecutive 12 month period beginning on [date of permit issuance]. This limit includes all facility operations. This limit has been imposed because POC offsets for Application 18070 have been provided from the Small Facility Bank Account. This limit may be removed if offsets are provided to the District in the form of emission credits or valid contemporaneous emission reductions. The required offsets shall equal the amount of the facility cumulative increase prior to Application 18070 (0.73 tons POC), the amount of POC offsets in Application 18070, plus any subsequent POC emission increases offset from the Small Facility Bank Account. [Regulation 2-2-302]

11. Monthly records of total facility POC emissions shall be maintained in a District-approved log to allow verification of compliance with Part 10. These records shall be retained for at least 5 years and shall be made available to the District upon request.
[Regulation 2-2-302]

12. Daily records of the type and amount of materials applied at these sources shall be maintained in a District-approved log for at least five years and shall be made available to

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the District upon request. Regulation 8-12-501 also requires that material records be maintained to allow verification of compliance with Regulation 8-12-301.2, as well as continuous A-22 temperature data. [Regulation 8-12-501]

CONDITION # 16029
FOR S-56, S-57, S-62, S-63, COLD CLEANERS
(Application 17138)

1. Cold Cleaners S-56, S-57, S-62 and S-63 are subject to the requirements of Regulation 8-16-303 and Regulation 8-16-501.2 (annual, facility-wide solvent records), although more frequent records are required in Part 3. [Regulation 8, Rule 16]

2. Total net solvent usage at S-56, S-57, S-62 and S-63 shall not exceed 258 gallons in any consecutive 12 month period. Solvents shall not be used in quantities which exceed the risk screening "trigger levels" for any compound in Table 2-1-316 of Regulation 2, Rule 1. [Cumulative Increase, Regulation 2, Rule 1]

3. Monthly records of the type and net amount of solvent used at S-56, S-57, S-62 and S-63 shall be kept in a District-approved log for at least 5 years and shall be made available to the District upon request. [Cumulative Increase]

CONDITION # 17566
FOR S-37, RESIN POWDER HANDLING BOOTH
(Application 17138)

1. The S-37 Resin Handling Booth shall be ventilated through the A-4 baghouse whenever resins are handled in S-37. [Regulation 6]

2. The A-4 baghouse shall be maintained in good operating condition in accordance with manufacturer's recommendations. [Regulation 6]

3. On any day that S-37 is operated, a verification shall be made of no visible emissions from the A-4 vent. At least once per month, A-4 bags shall be visually inspected for tears of other malfunctions. [Regulation 2-6-503]

4. Records of all verifications of no visible emissions shall be maintained in a District-approved log. The log shall contain the date, the name of the person that verifies no visible emissions,

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the results, and any corrective action taken. This log shall be maintained for at least 5 years and shall be made available to the District upon request.
[Regulation 2-6-503]

CONDITION # 17897
FOR S-44, S-45, S-46, S-47 SOLVENT TANKS
(Application 17138)

1. Solvent tanks S-44, S-45, S-46 and S-47 are subject to the requirement for submerged fill pipes in Regulation 8-5-301.1 and requirement for records of material vapor pressures in Regulation 8-5-501. These tanks are also subject to the leak prohibition in Regulation 8-12-302. [Regulation 8, Rules 5 and 12]

2. Only acetone and MEK solvents shall be stored at S-44, S-45, S-46 and S-47. Other solvents may be handled only with the prior written approval of the District.
[Regulation 2-1-234.3]

3. Monthly records of the type and amount of solvent additions to S-44, S-45, S-46 and S-47 shall be kept in a District-approved log for at least 5 years and shall be made available to the District upon request. [Regulation 2-1-234.3]

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 column 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), weekly (W), daily (D), or on an event basis (E). No monitoring (N) has been required if the current applicable rule or regulation does not require monitoring, and the operation is unlikely to deviate from the applicable emission limit based upon the nature of the operation.

Table VII – A
Applicable Limits and Compliance Monitoring Requirements
S-21, S-28, S-29, S-35, S-48, S-65 – BATCH MIXERS (HOT-MELT RESINS)
S-33 – EXPERIMENTAL REACTOR
S-34 – RESIN REACTOR
(PRE-APRIL 30, 1987 SOURCES)

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
VOC	BAAQMD 8-36-301.1	Y		95% overall abatement of emissions	Condition 6978, Part 5 (abatement device operating temperature)	C (abatement device operating temperature)	operating temperature verifies destruction efficiency; requirement to operate at negative pressure ensures adequate capture efficiency
VOC	BAAQMD Condition 6978, Part 2	Y		605.4 ton/yr resin production	Condition 6978, Part 8b	P/M	throughput records

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII – A
Applicable Limits and Compliance Monitoring Requirements
S-21, S-28, S-29, S-35, S-48, S-65 – BATCH MIXERS (HOT-MELT RESINS)
S-33 – EXPERIMENTAL REACTOR
S-34 – RESIN REACTOR
(PRE-APRIL 30, 1987 SOURCES)

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
VOC	Condition 6978, Part 5	Y		citation of BAAQMD 8-36-301.1	Condition 6978, Part 6	C (abatement device operating temperature)	operating temperature verifies destruction efficiency; requirement to operate at negative pressure ensures adequate capture efficiency
	Condition 7520, Part 2	Y		cleanup solvent usage limit (500 gal/yr net usage)	Condition 7520, Part 3	P/M	usage records
	Condition 15682, Part 10	Y		50 ton/yr facility-wide POC emission limit	Condition 15682, Part 11	M	emission calculations

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII – B

Applicable Limits and Compliance Monitoring Requirements
S-27, S-30, S-66, S-75, S-79 - BATCH MIXERS (SOLVENT-BASED RESINS)
S-68, S-69, S-70, S-71, S-72, S-73, S-80 – RESIN BLEND TANKS
(POST-APRIL 30, 1987 SOURCES)

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
VOC	BAAQMD 8-36-301.1	Y		95% overall abatement of emissions	Condition 6978, Part 5 (abatement device operating temperature)	C (abatement device operating temperature)	operating temperature verifies destruction efficiency; requirement to operate at negative pressure ensures adequate capture efficiency
VOC	Condition 7165, Part 2	Y		3,460.9 ton/yr resin production	Condition 6978, Part 8b	P/M	throughput records
VOC	Condition 7165, Part 5	Y		citation of BAAQMD 8-36-301.1	Condition 6978, Part 6	C (abatement device operating temperature)	operating temperature verifies destruction efficiency; requirement to operate at negative pressure ensures adequate capture efficiency

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII – B

Applicable Limits and Compliance Monitoring Requirements
S-27, S-30, S-66, S-75, S-79 - BATCH MIXERS (SOLVENT-BASED RESINS)
S-68, S-69, S-70, S-71, S-72, S-73, S-80 – RESIN BLEND TANKS
(POST-APRIL 30, 1987 SOURCES)

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
	Condition 7520, Part 2	Y		cleanup solvent usage limit (500 gal/yr net usage)	Condition 7520, Part 3	P/M	usage records
	Condition 15682, Part 10	Y		50 ton/yr facility-wide POC emission limit	Condition 15682, Part 11	M	emission calculations

Table VII - C
Applicable Limits and Compliance Monitoring Requirements
S-37 – RESIN POWDER HANDLING BOOTH

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
Particulate	6-301	Y		Ringelmann No. 1 Limitation (opacity)	Condition 17566, Part 3	P/E	visual inspection of emissions
	6-310	Y		0.15 gr/dscf emission rate limit	Condition 17566, Part 3	P/E	visual inspection of abatement device
	6-311	Y		$4.10 \times P^{0.67}$ where P is the rate of material handling in ton/hr	Condition 17566, Part 3	P/E	visual inspection of abatement device

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII - D
Applicable Limits and Compliance Monitoring Requirements
S-38 – TOWER I COATER
S-39 – TOWER I, ZONE I DRYER
S-40 – TOWER I, ZONE II DRYER
S-41 – TOWER II COATER
S-42 – TOWER II, ZONE I DRYER
S-43 – TOWER II, ZONE II DRYER

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
VOC	BAAQMD 8-12-301.2	Y		emissions less than 120 gram VOC/liter of coating applied (1.0 lb/gal), excluding water	BAAQMD 8-12-501.3 and Condition 15598, Part 4; Condition 15598, Part 7	C (abatement device operating temper-ature); P/A (source test)	operating temperature verifies destruction efficiency; overall compliance verified by annual source test
	Condition 15598, Part 2	Y		coating and cleanup solvent usage limits (S-38: 95,624 gal/yr coating, 451 gal/yr solvent; S-41: 106,301 gal/yr coating, 641 gal/yr solvent)	Condition 15598, Part 6	P/D	Usage records
	Condition 15598, Part 3	Y		citation of BAAQMD 8-12-301.2 - emissions less than 120 gram VOC/liter of coating applied (1.0 lb/gal), excluding water	BAAQMD 8-12-501.3 and Condition 15598, Part 4; Condition 15588, Part 7	C (abatement device operating temper-ature); P/A (source test)	operating temperature verifies destruction efficiency; overall compliance verified by annual source test

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII - D
Applicable Limits and Compliance Monitoring Requirements
S-38 – TOWER I COATER
S-39 – TOWER I, ZONE I DRYER
S-40 – TOWER I, ZONE II DRYER
S-41 – TOWER II COATER
S-42 – TOWER II, ZONE I DRYER
S-43 – TOWER II, ZONE II DRYER

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
VOC	Condition 15598, Part 4	Y		minimum abatement device operating temperature (1,400 degrees F)	Condition 15598, Part 4	C	operating temperature
	Condition 15682, Part 10	Y		50 ton/yr facility-wide POC emission limit	Condition 15682, Part 11	M	emission calculations
SO_2	BAAQM D 9-1-301	Y		Property Line Ground Level Limits $\leq$ 0.5 ppm for 3 minutes, $\leq$ 0.25 ppm for 60 minutes, and $\leq$0.05 ppm for 24 hours		N	
SO_2	BAAQM D 9-1-302	Y		$\leq$ 300 ppm (dry)		N	

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII – E
Applicable Limits and Compliance Monitoring Requirements
S-44, S-45, S-46, S-47 – SOLVENT STORAGE TANKS

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
	Condition 15682, Part 10	Y		50 ton/yr facility-wide POC emission limit	Condition 15682, Part 11	M	emission calculations

Table VII - F
Applicable Limits and Compliance Monitoring Requirements
S-56, S-57, S-62, S-63 – COLD CLEANERS

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
VOC	Condition 16029, Part 2	Y		Solvent usage limit (258 gal/yr net usage for all cleaners)	Condition 16029, Part 3	P/M	usage records
	Condition 15682, Part 10	Y		50 ton/yr facility-wide POC emission limit	Condition 15682, Part 11	M	emission calculations

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII – G
Applicable Limits and Compliance Monitoring Requirements
S-58 – TOWER III COATER
S-59 – TOWER III DRYER

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
VOC	BAAQMD 8-12-301.2	Y		emissions less than 120 gram VOC/liter of coating applied (1.0 lb/gal), excluding water	BAAQMD 8-12-501.3, Condition 15598, Part 4	C (abatement device operating temperature)	operating temperature and requirement for total enclosure ensure adequate overall abatement efficiency
	Condition 4197, Part 4	Y		95% destruction of emissions	Condition 4197, Part 5	C	operating temperature
	Condition 4197, Part 7	Y		120 lb/day VOC emissions	Condition 4197, Part 8	C	mass balance
	40 CFR 60 Subpart VVV, 60.742(b)(2)	Y		95% destruction of emissions	40 CFR 60 Subpart VVV, 60.744(e)	C	operating temperature
	Condition 4197, Part 5	Y		minimum abatement device operating temperature (1,400 degrees F)	Condition 4197, Part 8	C	operating temperature
	Condition 15682, Part 10	Y		50 ton/yr facility-wide POC emission limit	Condition 15682, Part 11	M	emission calculations

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII – G
Applicable Limits and Compliance Monitoring Requirements
S-58 – TOWER III COATER
S-59 – TOWER III DRYER

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
SO_2	BAAQMD 9-1-301	Y		Property Line Ground Level Limits ≤ 0.5 ppm for 3 minutes, ≤ 0.25 ppm for 60 minutes, and ≤0.05 ppm for 24 hours		N	
SO_2	BAAQMD 9-1-302	Y		≤ 300 ppm (dry)		N	

Table VII - H
Applicable Limits and Compliance Monitoring Requirements
S-64 - HOTMELT PUMP/EXTRUDER WIPE CLEANING (BLDG 104)

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
VOC	Condition 4479, Part 2	Y		Solvent usage limit (300 lb/yr net usage)	Condition 4479, Part 3	P/M	usage records
	Condition 15682, Part 10	Y		50 ton/yr facility-wide POC emission limit	Condition 15682, Part 11	M	emission calculations

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII – I
Applicable Limits and Compliance Monitoring Requirements
S-67 - SOLVENT JET VESSEL CLEANING SYSTEM

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
VOC	Condition 7169, Part 2	Y		Solvent usage limit (308 gal/yr)	Condition 7169, Part 9	P/M	usage records
	Condition 7169, Part 5	Y		95% destruction of emissions	Condition 7169, Part 6	C	operating temperature
	Condition 7169, Part 6	Y		minimum abatement device operating temperature (1,400 degrees F)	Condition 7169, Part 6	C	operating temperature
	Condition 15682, Part 10	Y		50 ton/yr facility-wide POC emission limit	Condition 15682, Part 11	M	emission calculations

Table VII - J
Applicable Limits and Compliance Monitoring Requirements
S-74 - WIPE CLEANING OPERATION (RESIN VESSELS, MIXERS, REACTORS)

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
VOC	Condition 7520, Part 2	Y		solvent usage limit (500 gal/yr net usage)	Condition 7520, Part 3	P/M	usage records
	Condition 15682, Part 10	Y		50 ton/yr facility-wide POC emission limit	Condition 15682, Part 11	M	emission calculations

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII - K
Applicable Limits and Compliance Monitoring Requirements
S-76 - TENTER FRAME CLIP WIPE CLEANING (BLDG 104)
S-77 – WIPE CLEANING (BLDG 104)

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
VOC	Condition 10836, Part 2	Y		solvent usage limit (750 gal/yr net usage)	Condition 10836, Part 4	P/M	usage records
	Condition 15682, Part 10	Y		50 ton/yr facility-wide POC emission limit	Condition 15682, Part 11	M	emission calculations

Table VII - L
Applicable Limits and Compliance Monitoring Requirements
S-78 - TAPE LINE COATER (BLDG 191)

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
VOC	BAAQMD 8-4-302.1	N		5 ton/yr VOC	BAAQMD 8-4-501	P/A	records
	SIP 8-4-301	Y		2.5 ton/yr VOC	SIP 8-4-501	P/A	records
	40 CFR 60 Subpart VVV, 60.744(b)(1)	Y		95 Mg/yr VOC use	40 CFR 60 Subpart VVV, 60.744(b)(1)	P (semi-annual)	usage records
	Condition 13164, Part 2	Y		13,125 lb/yr of applied coating solvents	Condition 13164, Part 8	M	usage records
	Condition 13164, Part 3	Y		35 gal/yr cleanup solvent	Condition 13164, Part 8	M	usage records

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII - L
Applicable Limits and Compliance Monitoring Requirements
S-78 - TAPE LINE COATER (BLDG 191)

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
VOC	Condition 13164, Part 5	Y		81% overall abatement of emissions	Condition 13164, Part 6	C (abatement device operating temperature)	operating temperature verifies destruction efficiency; overall compliance requires source test
	Condition 13164, Part 6	Y		minimum abatement device operating temperature (1,400 degrees F)	Condition 13164, Part 8	C	operating temperature
	Condition 15682, Part 10	Y		50 ton/yr facility-wide POC emission limit	Condition 15682, Part 11	M	emission calculations

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII - M
Applicable Limits and Compliance Monitoring Requirements
S-81 - TOWER IV COATER AND DRYER

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
VOC	BAAQMD 8-12-301.2	Y		emissions less than 120 gram VOC/liter of coating applied (1.0 lb/gal), excluding water	BAAQMD 8-12-501.3, Condition 15682, Part 7	C (abatement device operating temperature)	operating temperature and requirement for total enclosure ensure adequate overall abatement efficiency
	40 CFR 60 Subpart VVV, 60.742(b)(2)	Y		95% destruction of emissions	40 CFR 60 Subpart VVV, 60.744(e)	C	operating temperature
	Condition 15682, Part 4	Y		95% destruction of emissions	Condition 15682, Part 7	C	operating temperature
	Condition 15682, Part 5	Y		minimum abatement device operating temperature (1,400 degrees F)	Condition 15682, Part 7	C	operating temperature
	Condition 15682, Part 8	Y		12 ton/yr POC, 11.3 ton/yr NPOC emission limits	Condition 15682, Part 9	M	emission calculations
	Condition 15682, Part 10	Y		50 ton/yr facility-wide POC emission limit	Condition 15682, Part 11	M	emission calculations

VII. Applicable Limits and Compliance Monitoring Requirements

Table VII - M
Applicable Limits and Compliance Monitoring Requirements
S-81 - TOWER IV COATER AND DRYER

Type of Limit	Emission Limit Citation	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type
SO_2	BAAQM D 9-1-301	Y		Property Line Ground Level Limits $\leq$ 0.5 ppm for 3 minutes, $\leq$ 0.25 ppm for 60 minutes, and $\leq$0.05 ppm for 24 hours		N	
SO_2	BAAQM D 9-1-302	Y		$\leq$ 300 ppm (dry)		N	

VIII. TEST METHODS

The test methods associated with the emission limit of a District regulation are generally referenced 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, of this permit.

Table VIII
Test Methods

Applicable Requirement	Description of Requirement	Acceptable Test Methods
BAAQMD 6-301	Ringelmann No. 1 Limitation	Manual of Procedures, Volume I, Evaluation of Visible Emissions
BAAQMD 6-310	Particulate Weight Limitation	Manual of Procedures, Volume IV, ST-15, Particulates Sampling
BAAQMD 6-311	Particulate Weight Limitation	Manual of Procedures, Volume IV, ST-15, Particulates Sampling
BAAQMD 8-4-302.1	VOC Emission Limit	Manual of Procedures, Volume IV, ST-7, Non-Methane Organic Carbon Sampling, 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)
SIP 8-4-301	VOC Emission Limit	Manual of Procedures, Volume IV, ST-7, Non-Methane Organic Carbon Sampling, 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 8-12-301.2	VOC Emission Limit	Manual of Procedures, Volume IV, ST-7, Non-Methane Organic Carbon Sampling, 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 8-36-301.1 8-36-301.2	VOC Emission Limit	Manual of Procedures, Volume IV, ST-7, Non-Methane Organic Carbon Sampling, 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)

Table VIII
Test Methods

Applicable Requirement	Description of Requirement	Acceptable Test Methods
BAAQMD 9-1-301	Limitations on Ground Level Concentration	Manual of Procedures, Volume VI, Section 1, Ground level Monitoring for H2S and SO2
BAAQMD 9-1-302	General Emission Limitation	Manual of Procedures, Volume IV, ST-19A, Sulfur Dioxide, Continuous Sampling, or ST-19B, Total Sulfur Oxides Integrated Sample
40 CFR 60 Subpart VVV 60.742(b)(1)	VOC Abatement Requirement	EPA Method 25 (Determination of Total Gaseous Nonmethane Organic Emissions as Carbon) or 18 (Measurement of Gaseous Organic Compound Emissions by Gas Chromatography) or 25A (Determination of Total Gaseous Organic Concentration Using a Flame Ionization Analyzer)
40 CFR 60 Subpart VVV 60.742(b)(2)	VOC Abatement Requirement	EPA Method 25 (Determination of Total Gaseous Nonmethane Organic Emissions as Carbon) or 18 (Measurement of Gaseous Organic Compound Emissions by Gas Chromatography) or 25A (Determination of Total Gaseous Organic Concentration Using a Flame Ionization Analyzer)
40 CFR 60 Subpart VVV 60.742(c)(1)	VOC Emission Limit	EPA Method 25 (Determination of Total Gaseous Nonmethane Organic Emissions as Carbon) or 18 (Measurement of Gaseous Organic Compound Emissions by Gas Chromatography) or 25A (Determination of Total Gaseous Organic Concentration Using a Flame Ionization Analyzer)
Condition 4197, Part 4	Incinerator Efficiency Requirement	Manual of Procedures, Volume IV, ST-7, Non-Methane Organic Carbon Sampling, 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)
Condition 6978, Part 5	Incinerator Efficiency Requirement	Manual of Procedures, Volume IV, ST-7, Non-Methane Organic Carbon Sampling, 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)

Table VIII
Test Methods

Applicable Requirement	Description of Requirement	Acceptable Test Methods
Condition 7165, Part 5	Incinerator Efficiency Requirement	Manual of Procedures, Volume IV, ST-7, Non-Methane Organic Carbon Sampling, 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)
Condition 7169, Part 5	Incinerator Efficiency Requirement	Manual of Procedures, Volume IV, ST-7, Non-Methane Organic Carbon Sampling, 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)
Condition 13164, Part 5	Incinerator Efficiency Requirement	Manual of Procedures, Volume IV, ST-7, Non-Methane Organic Carbon Sampling, 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)
Condition 15682, Part 4	Incinerator Efficiency Requirement	Manual of Procedures, Volume IV, ST-7, Non-Methane Organic Carbon Sampling, 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)

IX. PERMIT SHIELD

A. Non-applicable Requirements

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

Table IX A - 1
Permit Shield for Non-applicable Requirements
S-38 – TOWER I COATER
S-39 – TOWER I, ZONE I DRYER
S-40 - TOWER I, ZONE II DRYER
S-41 – TOWER II COATER
S-42 – TOWER II, ZONE I DRYER
S-43 - TOWER II, ZONE II DRYER

Citation	Title or Description (Reason not applicable)
40 CFR 60 Subpart VVV	**Polymeric Coating of Supporting Substrates Facilities** Not applicable in accordance with 60.740(c) because equipment has not been modified since 4/30/87.

IX. Permit Shield

Table IX A – 2
Permit Shield for Non-applicable Requirements
ALL FACILITY SOURCES

Citation	Title or Description (Reason not applicable)
BAAQMD Regulation 8, Rule 29	**Organic Compounds – Aerospace Assembly and Component Coating Operations (12/20/95)**
	Although the coated composite materials produced at this facility may ultimately be used as aerospace components as defined in Rule 29, the standards of BAAQMD Regulation 8, Rule 12 are more applicable to the resin coating/impregnation process used at this facility than the standards for conventional coating operations which appear in Rule 29. Therefore, facility operations are subject to Rule 12 rather than Rule 29.
BAAQMD Regulation 8, Rule 50	**Organic Compounds – Polyester Resin Operations (11/6/96)**
	This rule applies to the conventional fabrication of products completely from polyester resins, rather than the fabrication of coated/impregnated resin composites as performed at this facility. Therefore, facility coating operations are subject to Regulation 8, Rule 12 and resin preparation operations are subject to Regulation 8, Rule 36, rather than Rule 50.
SIP Regulation 8, Rule 50	**Organic Compounds – Polyester Resin Operations (12/20/95)**
	This rule applies to the conventional fabrication of products completely from polyester resins, rather than the fabrication of coated/impregnated resin composites as performed at this facility. Therefore, facility coating operations are subject to Regulation 8, Rule 12 and resin preparation operations are subject to Regulation 8, Rule 36, rather than Rule 50.
40 CFR 63 Subpart U	**NESHAP - Group I Polymers and Resins**
	This standard does not apply because this facility is not, and does not contain, an elastomer product process unit, as defined in this standard.
40 CFR 63 Subpart JJJ	**NESHAP - Group IV Polymers and Resins**
	This standard does not apply because this facility is not, and does not contain, a thermoplastic product process unit, as defined in this standard.
40 CFR 63 Subpart W	**NESHAP – Epoxy Resins Production and Polymers and Non-Nylon Polyamides Production**

IX. Permit Shield

Table IX A – 2
Permit Shield for Non-applicable Requirements
ALL FACILITY SOURCES

Citation	Title or Description (Reason not applicable)
	This standard does not apply because this facility does not produce basic liquid epoxy resins or wet strength resins, as defined in this standard.

X. GLOSSARY

BAAQMD
Bay Area Air Quality Management District

BACT
Best Available Control Technology

Basis
The underlying authority that allows the District to impose requirements.

CAA
The federal Clean Air Act

CAAQS
California Ambient Air Quality Standards

CEM
Continuous emission monitor

CEQA
California Environmental Quality Act

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

CO
Carbon Monoxide

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

District
The Bay Area Air Quality Management District

dscf
Dry Standard Cubic Feet

EPA

X. Glossary

The federal Environmental Protection Agency.

Excluded
Not subject to any District regulations.

Federally Enforceable, FE
All limitations and conditions which are enforceable by the Administrator of the EPA including those requirements developed pursuant to 40 CFR Part 51, subpart I (NSR), Part 52.21 (PSD), Part 60 (NSPS), Part 61 (NESHAPs), Part 63 (MACT), and Part 72 (Permits Regulation, Acid Rain), 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.

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 40 CFR Part 63.

Major Facility
A facility with potential emissions of: (1) at least 100 tons per year of regulated air pollutants, (2) at least 10 tons per year of any single hazardous air pollutant, and/or (3) at least 25 tons per year of any combination of hazardous air pollutants, or such lesser quantity of hazardous air pollutants 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 Federal Clean Air Act and implemented by District Regulation 2, Rule 6.

MOP
The District's Manual of Procedures.

NAAQS
National Ambient Air Quality Standards

NESHAPS
National Emission Standards for Hazardous Air Pollutants. See in 40 CFR Parts 61 and 63.

NMHC
Non-methane Hydrocarbons (Same as NMOC)

X. Glossary

NMOC
Non-methane Organic Compounds (Same as NMHC)

NOx
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 Federal Clean Air Act, and implemented by 40 CFR Part 60 and District Regulation 10.

NSR
New Source Review. A federal program for pre-construction review and permitting of new and modified sources of pollutants for which criteria have been established in accordance with Section 108 of the Federal Clean Air Act. Mandated by Title I of the Federal Clean Air Act and implemented by 40 CFR Parts 51 and 52 and District Regulation 2, Rule 2. (Note: There are additional NSR requirements mandated by the California Clean Air Act.)

Offset Requirement
A New Source Review requirement to provide federally enforceable emission offsets for the emissions from a new or modified source. Applies to emissions of POC, NOx, PM10, and SO2.

Phase II Acid Rain Facility
A facility that generates electricity for sale through fossil-fuel combustion and is not exempted by 40 CFR 72 from Titles IV and V of the Clean Air Act.

POC
Precursor Organic Compounds

PM
Particulate Matter

PM10
Particulate matter with aerodynamic equivalent diameter of less than or equal to 10 microns

PSD
Prevention of Significant Deterioration. A federal program for permitting new and modified sources of those 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.

X. 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

THC
Total Hydrocarbons (NMHC + Methane)

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)

TPH
Total Petroleum Hydrocarbons

TRMP
Toxic Risk Management Plan

TSP
Total Suspended Particulate

VOC
Volatile Organic Compounds

Units of Measure:

bhp	=	brake-horsepower
btu	=	British Thermal Unit
cfm	=	cubic feet per minute
g	=	grams
gal	=	gallon
gpm	=	gallons per minute
hp	=	horsepower
hr	=	hour
lb	=	pound
in	=	inches

X. Glossary

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

XI. APPLICABLE STATE IMPLEMENTATION PLAN

The Bay Area Air Quality Management District's portion of the State Implementation Plan can be found at EPA Region 9's website. The address is:

http://yosemite1.epa.gov/r9/r9sips.nsf/California?ReadForm&Start=1&Count=30&Expand=3.1