

**MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION**

November 13, 2003

NEW SOURCE REVIEW PERMIT TO INSTALL

No. 63-03



ISSUED TO

Kopacz Industrial Painting, Inc.

LOCATED AT

12225 Merriman Road
Livonia, Michigan 48150

IN THE COUNTY OF

Wayne

STATE REGISTRATION NUMBER

A8953

The Air Quality Division has approved this Permit to Install, pursuant to the delegation of authority from the Michigan Department of Environmental Quality. This permit is hereby issued in accordance with and subject to Part 5505(1) of Article II, Chapter I, Part 55 (Air Pollution Control) of P.A. 451 of 1994. Pursuant to Air Pollution Control Rule 336.1201(1), this permit constitutes the permittee's authority to install the identified emission unit(s) in accordance with all administrative rules of the Department and the attached conditions. Operation of the emission unit(s) identified in this Permit to Install is allowed pursuant to Rule 336.1201(6).

DATE OF RECEIPT OF ALL INFORMATION REQUIRED BY RULE 203: 6/25/2003	
DATE PERMIT TO INSTALL APPROVED: 11/13/2003	SIGNATURE:
DATE PERMIT VOIDED:	SIGNATURE:
DATE PERMIT REVOKED:	SIGNATURE:

PERMIT TO INSTALL

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Common Abbreviations / Acronyms

Common Acronyms		Pollutant / Measurement Abbreviations	
AQD	Air Quality Division	Btu	British Thermal Unit
BACT	Best Available Control Technology	°C	Degrees Celsius
CAA	Clean Air Act	CO	Carbon Monoxide
CEM	Continuous Emission Monitoring	dscf	Dry standard cubic foot
CFR	Code of Federal Regulations	dscm	Dry standard cubic meter
COM	Continuous Opacity Monitoring	°F	Degrees Fahrenheit
EPA	Environmental Protection Agency	gr	Grains
EU	Emission Unit	Hg	Mercury
FG	Flexible Group	hr	Hour
GACS	Gallon of Applied Coating Solids	H ₂ S	Hydrogen Sulfide
GC	General Condition	hp	Horsepower
HAP	Hazardous Air Pollutant	lb	Pound
HVLP	High Volume Low Pressure *	m	Meter
ID	Identification	mg	Milligram
LAER	Lowest Achievable Emission Rate	mm	Millimeter
MACT	Maximum Achievable Control Technology	MM	Million
MAERS	Michigan Air Emissions Reporting System	MW	Megawatts
MAP	Malfunction Abatement Plan	NO _x	Oxides of Nitrogen
MDEQ	Michigan Department of Environmental Quality	PM	Particulate Matter
MSDS	Material Safety Data Sheet	PM-10	Particulate Matter less than 10 microns diameter
NESHAP	National Emission Standard for Hazardous Air Pollutants	pph	Pound per hour
NSPS	New Source Performance Standards	ppm	Parts per million
NSR	New Source Review	ppmv	Parts per million by volume
PS	Performance Specification	ppmw	Parts per million by weight
PSD	Prevention of Significant Deterioration	psia	Pounds per square inch absolute
PTE	Permanent Total Enclosure	psig	Pounds per square inch gauge
PTI	Permit to Install	scf	Standard cubic feet
RACT	Reasonable Available Control Technology	sec	Seconds
SC	Special Condition Number	SO ₂	Sulfur Dioxide
SCR	Selective Catalytic Reduction	THC	Total Hydrocarbons
SRN	State Registration Number	tpy	Tons per year
TAC	Toxic Air Contaminant	µg	Microgram
VE	Visible Emissions	VOC	Volatile Organic Compounds
		yr	Year

* For High Volume Low Pressure (HVLP) applicators, the pressure measured at the HVLP gun air cap shall not exceed ten (10) pounds per square inch gauge (psig).

GENERAL CONDITIONS

1. The process or process equipment covered by this permit shall not be reconstructed, relocated, or modified, unless a Permit to Install authorizing such action is issued by the Department, except to the extent such action is exempt from the Permit to Install requirements by any applicable rule. **[R336.1201(1)]**
2. If the installation, construction, reconstruction, relocation, or modification of the equipment for which this permit has been approved has not commenced within 18 months, or has been interrupted for 18 months, this permit shall become void unless otherwise authorized by the Department. Furthermore, the permittee or the designated authorized agent shall notify the Department via the Supervisor, Permit Section, Air Quality Division, Michigan Department of Environmental Quality, P.O. Box 30260, Lansing, Michigan 48909, if it is decided not to pursue the installation, construction, reconstruction, relocation, or modification of the equipment allowed by this Permit to Install. **[R336.1201(4)]**
3. If this Permit to Install is issued for a process or process equipment located at a stationary source that is not subject to the Renewable Operating Permit program requirements pursuant to R336.1210, operation of the process or process equipment is allowed by this permit if the equipment performs in accordance with the terms and conditions of this Permit to Install. **[R336.1201(6)(b)]**
4. The Department may, after notice and opportunity for a hearing, revoke this Permit to Install if evidence indicates the process or process equipment is not performing in accordance with the terms and conditions of this permit or is violating the Department's rules or the Clean Air Act. **[R336.1201(8), Section 5510 of Act 451, PA 1994]**
5. The terms and conditions of this Permit to Install shall apply to any person or legal entity that now or hereafter owns or operates the process or process equipment at the location authorized by this Permit to Install. If the new owner or operator submits a written request to the Department pursuant to R336.1219 and the Department approves the request, this permit will be amended to reflect the change of ownership or operational control. The request must include all of the information required by subrules (1)(a), (b), and (c) of R336.1219. The written request shall be sent to the District Supervisor, Air Quality Division, Michigan Department of Environmental Quality. **[R336.1219]**
6. Operation of this equipment shall not result in the emission of an air contaminant which causes injurious effects to human health or safety, animal life, plant life of significant economic value, or property, or which causes unreasonable interference with the comfortable enjoyment of life and property. **[R336.1901]**
7. The permittee shall provide notice of an abnormal condition, start-up, shutdown, or malfunction that results in emissions of a hazardous or toxic air pollutant which continue for more than one hour in excess of any applicable standard or limitation, or emissions of any air contaminant continuing for more than two hours in excess of an applicable standard or limitation, as required in Rule 912, to the Department. The notice shall be provided not later than two business days after start-up, shutdown, or discovery of the abnormal condition or malfunction. Written reports, if required, must be filed with the Department within 10 days after the start-up or shutdown occurred, within 10 days after the abnormal conditions or malfunction has been corrected, or within 30 days of discovery of the abnormal condition or malfunction, whichever is first. The written reports shall include all of the information required in Rule 912(5). **[R336.1912]**
8. Approval of this permit does not exempt the permittee from complying with any future applicable requirements which may be promulgated under Part 55 of 1994 PA 451, as amended or the Federal Clean Air Act.

9. Approval of this permit does not obviate the necessity of obtaining such permits or approvals from other units of government as required by law.
10. Operation of this equipment may be subject to other requirements of Part 55 of 1994 PA 451, as amended and the rules promulgated thereunder.
11. Except as provided in subrules (2) and (3) or unless the special conditions of the Permit to Install include an alternate opacity limit established pursuant to subrule (4) of R336.1301, the permittee shall not cause or permit to be discharged into the outer air from a process or process equipment a visible emission of density greater than the most stringent of the following. The grading of visible emissions shall be determined in accordance with R336.1303. **[R336.1301]**
 - a) A six-minute average of 20 percent opacity, except for one six-minute average per hour of not more than 27 percent opacity.
 - b) A visible emission limit specified by an applicable federal new source performance standard.
 - c) A visible emission limit specified as a condition of this permit to install.
12. Collected air contaminants shall be removed as necessary to maintain the equipment at the required operating efficiency. The collection and disposal of air contaminants shall be performed in a manner so as to minimize the introduction of contaminants to the outer air. Transport of collected air contaminants in Priority I and II areas requires the use of material handling methods specified in R336.1370(2). **[R336.1370]**
13. The Department may require the permittee to conduct acceptable performance tests, at the permittee's expense, in accordance with R336.2001 and R336.2003, under any of the conditions listed in R336.2001. **[R336.2001]**

SPECIAL CONDITIONS

Emission Unit Identification

Emission Unit ID	Emission Unit Description	Stack Identification
EU-DIPTANK	Enamel dip tank used to immerse and coat metal parts.	SV106
EU-PAINTBTH#1	No. 1 manual paint spray booth for metal auto parts	SV101
EU-PAINTBTH#2	No. 2 manual paint spray booth for metal auto parts	SV102
EU-PAINTBTH#3	No. 3 manual paint spray booth used to apply coatings and powder coatings to metal auto parts	SV103
EU-PYROBURNOFF	Paint pyrolysis burnoff unit with an afterburner. The pyrolysis oven operates at a temperature of 800 deg. F (afterburner @ 1500 deg. F.).	SV108
EU-VAPORDEGR#1	Model 2D/S 36 vapor degreaser, used to clean metallic parts.	SV107
EU-VAPORDEGR#2	Vapor degreaser, Tally Model XL-20 F/W used to clean metallic parts and utilizing control option No. 8 to comply with 40 CFR 63 Subpart T.	SV-DUMMY
EU-OVEN1	Electric oven used to bake coated metallic parts	SV105
EU-OVEN2	Electric oven used to bake coated metallic parts	SV104
Changes to the equipment described in this table are subject to the requirements of R336.1201, except as allowed by R336.1278 to R336.1290.		

Flexible Group Identification

Flexible Group ID	Emission Units Included in Flexible Group	Stack Identification
FG-OVENS	EU-OVEN1 and EU-OVEN2	NA
FG-PAINTBTHS	EU-PAINTBTH#1 and EU-PAINTBTH#2	NA
FG-VAPORDEGRS	EU-VAPORDEGR#1 and EU-VAPORDEGR#2	NA
FG-FACILITY	All equipment at the stationary source including equipment covered by other permits, grandfathered equipment and exempt equipment.	NA

The following conditions apply to: EU-DIPTANK

Emission Limits

	Pollutant	Equipment	Limit	Time Period	Testing/ Monitoring Method	Applicable Requirements
1.1a	VOCs	EU-DIPTANK	2,000 pounds per month	Calendar Month	SC 1.2	R336.1621
1.1b	VOCs	EU-DIPANK	Less than 10 tpy	12-month rolling time period as determined at the end of each calendar month	SC 1.2	R336.1621

Recordkeeping /Reporting /Notification

All records shall be completed and made available by the 15th day of each calendar month, unless otherwise specified in any recordkeeping, reporting or notification special condition. **[R336.1201(3)]**

1.2 The permittee shall keep the following information on a monthly basis for EU-DIPTANK:

- a) Identity of each coating used.
- b) Gallons of each coating used.
- c) Coating density of each coating.
- d) VOC content of each coating as applied.
- e) VOC mass emission calculations determining the monthly emission rate in tons per calendar month as:
 gallons used x coating density x VOC content.
- f) VOC mass emission calculations determining the annual emission rate in tons per 12-month rolling time period as determined at the end of each calendar month.

The records shall be kept in a format acceptable to the AQD Supervisor. All records shall be kept on file for a period of at least five years and made available to the Department upon request. **[R336.1621]**

The following conditions apply to: EU-PAINTBTH#3

Emission Limits

	Pollutant	Equipment	Limit	Time Period	Testing/ Monitoring Method	Applicable Requirements
2.1a	VOCs	EU-PAINTBTH#3	2,000 pounds per month	Calendar Month	SC 2.2	R336.1621
2.1b	VOCs	EU-PAINTBTH#3	8.5 tons per year	12-month rolling time period as determined at the end of each calendar month	SC 2.2	R336.1702(c)

Recordkeeping /Reporting /Notification

All records shall be completed and made available by the 15th day of each calendar month, unless otherwise specified in any recordkeeping, reporting or notification special condition. **[R336.1201(3)]**

2.2 The permittee shall keep the following information on a monthly basis for EU-PAINTBTH#3:

- a) Identity of each coating used.
- b) Gallons of each coating used.
- c) Coating density of each coating.
- d) VOC content of each coating as applied.
- e) VOC mass emission calculations determining the monthly emission rate in tons per calendar month as: gallons used x coating density x VOC content.
- f) VOC mass emission calculations determining the annual emission rate in tons per 12-month rolling time period as determined at the end of each calendar month.

The records shall be kept in a format acceptable to the AQD Supervisor. All records shall be kept on file for a period of at least five years and made available to the Department upon request.

[R336.1621 and R336.1702(c)]

The following conditions apply to: EU-PYROBURNOFF

Emission Limits

	Pollutant	Equipment	Limit	Time Period	Testing/ Monitoring Method	Applicable Requirements
3.1	PM	EU- PYROBURNOFF	0.10 pounds per 1,000 pounds of exhaust gases, corrected to 50% excess air.	Test Protocol ¹	GC No. 14	R336.1331
¹ Test protocol shall specify averaging time.						

Visible Emission Limits

3.2 There shall be no visible emissions from EU-PYROBURNOFF. [R336.1301 and R336.1331]

Process / Operational Limits

3.3 The permittee shall not process any material in EU-PYROBURNOFF other than small amounts of organic materials on metal parts, racks, and/or hangers. However, no coatings or materials containing polyvinyl chloride, Teflon, or other halogenated compounds may be processed. [R336.1901]

Equipment

3.4 The permittee shall not operate EU-PYROBURNOFF unless the afterburner is installed and operated in a satisfactory manner. Satisfactory operation shall be defined as maintaining a minimum afterburner temperature of 1500 degrees Fahrenheit. [R336.1301, R336.1331, R336.1901, R336.1910]

Recordkeeping /Reporting /Notification

All records shall be completed and made available by the 15th day of each calendar month, unless otherwise specified in any recordkeeping, reporting or notification special condition. [R336.1201(3)]

3.5 The permittee shall maintain a current listing from the manufacturer of the chemical composition of each coating, including the weight percent of each component. The data may consist of Material Safety Data Sheets, manufacturer's formulation data, or both as deemed acceptable by the AQD District Supervisor. All records shall be kept on file for a period of at least five years and made available to the Department upon request. [R336.1901]

The following conditions apply to: EU-VAPORDEGR#1

Emission Limits

	Pollutant	Equipment	Limit	Time Period	Testing/ Monitoring Method	Applicable Requirements
4.1	HAPs	EU-VAPORDEGR#1	30.7 pounds per square foot ¹	3-month rolling time period as determined at the end of each calendar month	SC 4.6 and 4.7	R336.1299, 40 CFR 63 Subpart T
¹ Per square foot of solvent to air interface.						

Process / Operational Limits

4.2 The permittee shall comply with all requirements of 40 CFR 63 Subparts A and T as they apply to EU-VAPORDEGR#1. **[R336.1299 and 40 CFR 63 Subpart T]**

Equipment

4.3 The permittee shall not operate EU-VAPORDEGR#1 unless the refrigerated condenser/recycling unit is installed and operating in a satisfactory manner. **[R336.1901, R336.1910 and 40 CFR 63 Subpart T]**

4.4 The permittee shall equip and maintain EU-VAPORDEGR#1 with a fill line to which the liquid level is re-established immediately prior to calculating monthly emissions.
[R336.1299 and 40 CFR 63 Subpart T]

Recordkeeping /Reporting /Notification

All records shall be completed and made available by the 15th day of each calendar month, unless otherwise specified in any recordkeeping, reporting or notification special condition. **[R336.1201(3)]**

4.5 The permittee shall determine the potential to emit from all solvent cleaning operations using the calculation methodology specified in 40 CFR 63.465(e). **[R336.1299 and 40 CFR 63 Subpart T]**

4.6 The permittee shall keep the following information for EU-VAPORDEGR#1:

- a) The dates and amounts of solvent added.
- b) The solvent composition of wastes removed as determined using the procedure described in 40 CFR 63.465(c)(2).
- c) On the first operating day of each month, determine solvent emissions using the records of all solvent addition as and deletions for the previous monthly reporting period using the calculations described in 40 CFR 63.465(c)(1). Immediately prior to calculating monthly emissions, the solvent level must be returned to the fill line. This solvent addition must be included as a solvent addition for the previous monthly reporting period.
- d) On the first operating day of each month, determine the total amount of halogenated HAP solvent was removed in solid waste using information from tests conducted using EPA reference method 25D or from engineering calculations included in the compliance report.

- e) On the first operating day of each month, determine the 3-month rolling average emission rate in pounds per month per square foot of solvent to air interface, as determined at the end of each calendar month using the calculation methodology specified in 40 CFR 63.465(c)(3).
- f) Calculation sheets showing how monthly emissions and the rolling 3-month average emission rate were determined, and the results of all calculations.

The records shall be kept in a format acceptable to the AQD District Supervisor. All records shall be kept on file for a period of at least five years and made available to the Department upon request.

[R336.1299 and 40 CFR 63 Subpart T]

4.7 The permittee shall submit the following reports:

- a) Prior to March 15th of each year, permittee shall submit a solvent emissions report containing the following information:
 - (i) The size and type of each unit (solvent/air interface area or cleaning capacity).
 - (ii) The average monthly solvent consumption for the solvent cleaning machine in pounds per month.
 - (iii) The 3-month monthly rolling average solvent emission estimates calculated each month using the method as described in 40 CFR 63.465(c). **[40 CFR 63.468(g)]**
- b) An exceedance report shall be submitted semiannually unless a more frequent reporting schedule is required by the Department. The exceedance report shall contain the information specified in 40 CFR 63.468(h). If an exceedance of the 3-month rolling average pounds per square foot emission limit has occurred, quarterly reporting is required until a request for less frequent reporting, as specified in 40 CFR 63.468(i), is approved by the Department. Exceedance reports shall be postmarked by the 30th day following the end of each half-year or quarter-year, as appropriate. **[40 CFR 63.468(h)]**

The following conditions apply to: EU-VAPORDEGR#2

Process / Operational Limits

- 5.1 The permittee shall comply with all requirements of 40 CFR 63 Subparts A and T as they apply to EU-VAPORDEGR#2. **[R336.1299 and 40 CFR 63 Subpart T]**
- 5.2 The following work practice standards specified by 40 CFR 63.463(d) shall be complied with for EU-VAPORDEGR#2, as applicable:
- a) Control air disturbances across machine openings including reducing the room draft and having the cover(s) in place during idling mode and downtime mode unless the solvent has been removed from the machine or maintenance or monitoring is being performed that requires the cover(s) not to be in place. **[40 CFR 63.463(d)(1)]**
 - b) In an open-top batch machine, the parts or parts baskets cannot occupy more than 50 percent of the solvent/air interface unless they are introduced at a speed of 0.9 meters per minute (3 feet per minute) or less. **[40 CFR 63.463(d)(2)]**
 - c) Perform all spraying operations within the vapor zone or within a section of the machine that is not directly exposed to the ambient air. **[40 CFR 63.463(d)(3)]**
 - d) Parts shall be orientated so the solvent drains from them freely. Parts having cavities or blind holes shall be tipped or rotated before being removed from the machine unless an equally effective approach has been approved by the Department. **[40 CFR 63.463(d)(4)]**
 - e) Do not remove parts or parts baskets until dripping has stopped. **[40 CFR 63.463(d)(5)]**
 - f) During startup of a vapor machine, turn on the primary condenser before the sump heater. **[40 CFR 63.463(d)(6)]**
 - g) During shutdown of a vapor machine, turn off the sump heater and allow the solvent vapor layer to collapse before turning off the primary condenser. **[40 CFR 63.463(d)(7)]**
 - h) When adding or draining solvent, use threaded or other leak-proof couplings and ensure the end of the pipe in the solvent sump is located beneath the liquid solvent surface. **[40 CFR 63.463(d)(8)]**
 - i) Maintain machine and associated controls as recommended by the manufacturer or using alternative procedures that have been approved by the Department. **[40 CFR 63.463(d)(9)]**
 - j) Operators must complete and pass applicable sections of the Test of Solvent Cleaning Procedures, as noted in Appendix B of Part 63, Subpart T, if requested during an inspection. **[40 CFR 63.463(d)(10)]**
 - k) Collect and store waste solvent, still bottoms, and sump bottoms in closed containers. The closed containers may contain a device that would allow pressure relief, but would not allow liquid solvent to drain from the container. **[40 CFR 63.463(d)(11)]**
 - l) Do not clean sponges, fabric, wood and paper products using the machine. **[40 CFR 63.463(d)(12)]**

Equipment

5.3 The permittee shall equip EU-VAPORDEGR#2 with the following equipment specified by 40 CFR 63.463, as applicable:

- a) Idling and downtime cover that may be readily opened or closed, that completely covers the machine openings when in place, and is free of cracks, holes and other defects as described in 63.463(d)(1)(i). As an alternative, a reduced room draft as described in 63.463(e)(2)(ii).
[40 CFR 63.463(a)(1)]
- b) Freeboard ratio of at least 0.75. [40 CFR 63.463(a)(2)]
- c) Automated parts handling system capable of moving parts or parts baskets at 3.4 m/min (11 ft/min) or less from the initial loading of parts through removal of cleaned parts. [40 CFR 63.463(a)(3)]
- d) Device to shut off the sump heat if the sump liquid solvent level drops to the sump heater coils.
[40 CFR 63.463(a)(4)]
- e) Vapor level control device that shuts off sump heat if the vapor level rises above the height of the primary condenser. [40 CFR 63.463(a)(5)]
- f) Primary condenser. [40 CFR 63.463(a)(6)]
- g) If lip exhaust is used, route all collected solvent vapors through a properly operated and maintained carbon adsorber that complies with 63.463(e)(2)(vii). [40 CFR 63.463(a)(7)]

Monitoring

5.4 Permittee shall meet the following requirements, for each control device in the chosen control combination:

- a) Conduct monitoring of the control device, as noted by the monitoring requirements identified under 40 CFR 63.466, and record the results of the monitoring.
[40 CFR 63.466(a), 40 CFR 63.467(b)(1)]
- b) Determine whether the control device meets the requirements specified under 40 CFR 63.463(e) and record the results of the determination. Record information on actions taken to comply with the specified requirements, including records of orders for replacement parts, repairs made, etc.
[40 CFR 63.463(e)(2), 40 CFR 63.467(b)(2)]
- c) Determine whether an exceedance has occurred of any applicable requirement specified under 40 CFR 63.463(e) and record the results of the determination.
[40 CFR 63.463(e)(3), 40 CFR 63.467(b)(2)]

Recordkeeping /Reporting /Notification

All records shall be completed and made available by the 15th day of each calendar month, unless otherwise specified in any recordkeeping, reporting or notification special condition. [R336.1201(3)]

5.5 The permittee shall determine the potential to emit from all solvent cleaning operations using the calculation methodology specified in 40 CFR 63.465(e). [R336.1299 and 40 CFR 63 Subpart T]

5.6 Permittee shall maintain the following records for the lifetime of EU-VAPORDEGR#2:

- a) Owners manual or written maintenance and operating procedures. **[40 CFR 63.467(a)(1)]**
- b) Installation dates for EU-VAPORDEGR#2 and all control devices. **[40 CFR 63.467(a)(2)]**
- c) Halogenated HAP solvent content for each solvent used in the machine. **[40 CFR 63.467(a)(5)]**
- d) Tests required to determine an appropriate dwell time as described in Table A, of Appendix 9.
[40 CFR 63.467(a)(3)]

5.7 The permittee shall submit the following reports:

- a) Prior to February 1st of each year, permittee shall submit a report containing the following information as required by 40 CFR 63.468(f). **[40 CFR 63.468(f)]**
 - (i) A signed statement from the facility owner or his designee stating that, "All operators of solvent cleaning machines have received training on the proper operation of solvent cleaning machines and their control devices sufficient to pass the test required in § 63.463(d)(10)."
 - (ii) An estimate of solvent consumption for each solvent cleaning machine during the reporting period.
- b) An exceedance report shall be submitted semiannually unless a more frequent reporting schedule is required by the Department. The exceedance report shall contain the information specified in 40 CFR 63.468(h). If an exceedance of the 3-month rolling average pounds per square foot emission limit has occurred, quarterly reporting is required until a request for less frequent reporting, as specified in 40 CFR 63.468(i), is approved by the Department. Exceedance reports shall be postmarked by the 30th day following the end of each half-year or quarter-year, as appropriate. **[40 CFR 63.468(h)]**

The following conditions apply to: FG-OVENS

Emission Limits

	Pollutant	Equipment	Limit	Time Period	Testing/ Monitoring Method	Applicable Requirements
6.1	PM	EU-OVEN1 and EU-OVEN2	0.10 pounds per 1,000 pounds of exhaust gases, corrected to 50% excess air.	Test Protocol ¹	GC No. 14	R336.1331
¹ Test protocol shall specify averaging time.						

Visible Emission Limits

6.2 There shall be no visible emissions from EU-PYROBURNOFF.

[R336.1301 and R336.1331]

The following conditions apply to: FG-PAINTBTHS

Emission Limits

	Pollutant	Equipment	Limit	Time Period	Testing/ Monitoring Method	Applicable Requirements
7.1a	VOCs	EU-PAINTBTH#1 and EU-PAINTBTH#2	2,000 pounds per month	Calendar Month	SC 7.3	R336.1621
7.1b	VOCs	EU-PAINTBTH#1 and EU-PAINTBTH#2	Less than 10.0 tpy	12-month rolling time period as determined at the end of each calendar month	SC 7.3	R336.1621

Equipment

7.2 The permittee shall not operate FG-PAINTBTHS unless all respective exhaust filters are installed, maintained and operated in a satisfactory manner. **[R336.1301, R336.1331, R336.1901]**

Recordkeeping /Reporting /Notification

All records shall be completed and made available by the 15th day of each calendar month, unless otherwise specified in any recordkeeping, reporting or notification special condition. **[R336.1201(3)]**

7.3 The permittee shall keep the following information on a monthly basis for EU-PAINTBTH#3:

- a) Identity of each coating used.
- b) Gallons of each coating used.
- c) Coating density of each coating.
- d) VOC content of each coating as applied.
- e) VOC mass emission calculations determining the monthly emission rate in tons per calendar month as: gallons used x coating density x VOC content.
- f) VOC mass emission calculations determining the annual emission rate in tons per 12-month rolling time period as determined at the end of each calendar month.

The records shall be kept in a format acceptable to the AQD Supervisor. All records shall be kept on file for a period of at least five years and made available to the Department upon request. **[R336.1621]**

The following conditions apply to: FG-FACILITY

Emission Limits

	Pollutant	Equipment	Limit	Time Period	Testing/ Monitoring Method	Applicable Requirements
8.1a	VOCs	FG-FACILITY	Less than 90.0 tons per year	12-month rolling time period as determined at the end of each calendar month	SC 8.3	R336.1205(3)
8.1a	EACH INDIVIDUAL HAP	FG-FACILITY	Less than 9.0 tons per year	12-month rolling time period as determined at the end of each calendar month	SC 8.3	R336.1205(3)
8.1b	Aggregate HAPs	FG-FACILITY	Less than 22.5 tons per year	12-month rolling time period as determined at the end of each calendar month	SC 8.3	R336.1205(3)

Testing

8.2 The VOC content, water content and density of any material, as received, shall be determined using federal Reference Test Method 24. Upon prior written approval by the AQD District Supervisor, the VOC content may be determined from manufacturer's formulation data. If the Method 24 and the formulation values should differ, the Method 24 results shall be used to determine compliance. **[R336.1205(3)]**

8.3 The HAP content of any material as received and as applied, shall be determined using manufacturer's formulation data. Upon request of the AQD District Supervisor, the manufacturer's HAP formulation data shall be verified using EPA Test Method 311. **[R336.1205(3)]**

Recordkeeping / Reporting / Notification

All records shall be completed and made available by the 15th day of each calendar month, unless otherwise specified in any recordkeeping, reporting or notification special condition. **[R336.1201(3)]**

8.4 The permittee shall keep the following information on a monthly basis for FG-FACILITY:

- a) Gallons or pounds of each material used.
- b) Where applicable, gallons or pounds of each material reclaimed.
- c) VOC and HAP contents, in pounds per gallon or pounds per pound, of each material used.
- d) VOC, individual HAP and aggregate HAP emission calculations determining the monthly emission rate of each in tons per calendar month.
- e) VOC, individual HAP and aggregate HAP emission calculations determining the annual emission rate of each in tons per 12-month rolling time period as determined at the end of each calendar month.

The records shall be kept in a format acceptable to the AQD Supervisor. All records shall be kept on file for a period of at least five years and made available to the Department upon request. **[R336.1205(3)]**

