

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

July 24, 2007

**PERMIT TO INSTALL
No. 423-95C**



ISSUED TO
Spartan Steel Coating, LLC

LOCATED AT
3300 Wolverine Drive
Monroe, Michigan 48162

IN THE COUNTY OF
Monroe

STATE REGISTRATION NUMBER
N5675

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 Section 5505(1) of Article II, Chapter I, Part 55, Air Pollution Control, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended. 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: 5/3/2007	
DATE PERMIT TO INSTALL APPROVED: 7/24/2007	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
ANSI	American National Standards Institute	°C	Degrees Celsius
BACT	Best Available Control Technology	CO	Carbon Monoxide
CAA	Clean Air Act	dscf	Dry standard cubic foot
CEM	Continuous Emission Monitoring	dscm	Dry standard cubic meter
CFR	Code of Federal Regulations	°F	Degrees Fahrenheit
COM	Continuous Opacity Monitoring	gr	Grains
EPA	Environmental Protection Agency	Hg	Mercury
EU	Emission Unit	hr	Hour
FG	Flexible Group	H ₂ S	Hydrogen Sulfide
GACS	Gallon of Applied Coating Solids	hp	Horsepower
GC	General Condition	lb	Pound
HAP	Hazardous Air Pollutant	m	Meter
HVLP	High Volume Low Pressure *	mg	Milligram
ID	Identification	mm	Millimeter
LAER	Lowest Achievable Emission Rate	MM	Million
MACT	Maximum Achievable Control Technology	MW	Megawatts
MAERS	Michigan Air Emissions Reporting System	ng	Nanogram
MAP	Malfunction Abatement Plan	NOx	Oxides of Nitrogen
MDEQ	Michigan Department of Environmental Quality	PM	Particulate Matter
MIOSHA	Michigan Occupational Safety & Health Administration	PM-10	Particulate Matter less than 10 microns diameter
MSDS	Material Safety Data Sheet	pph	Pound per hour
NESHAP	National Emission Standard for Hazardous Air Pollutants	ppm	Parts per million
NSPS	New Source Performance Standards	ppmv	Parts per million by volume
NSR	New Source Review	ppmw	Parts per million by weight
PS	Performance Specification	psia	Pounds per square inch absolute
PSD	Prevention of Significant Deterioration	psig	Pounds per square inch gauge
PTE	Permanent Total Enclosure	scf	Standard cubic feet
PTI	Permit to Install	sec	Seconds
RACT	Reasonably Available Control Technology	SO ₂	Sulfur Dioxide
ROP	Renewable Operating Permit	THC	Total Hydrocarbons
SC	Special Condition	tpy	Tons per year
SCR	Selective Catalytic Reduction	µg	Microgram
SRN	State Registration Number	VOC	Volatile Organic Compounds
TAC	Toxic Air Contaminant	yr	Year
TEQ	Toxicity Equivalence Quotient		
VE	Visible Emissions		

* 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. **(R 336.1201(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. **(R 336.1201(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 R 336.1210, 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. **(R 336.1201(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. **(R 336.1201(8), Section 5510 of Act 451, PA 1994)**
5. The AQD District Supervisor shall be notified, in writing, of a change in ownership or operational control of the stationary source or emission unit(s) authorized by this Permit to Install pursuant to R 336.1219. The notification shall include all of the information required by R 336.1219(1)(a) and (b). In addition, a new owner or operator must submit a written statement pursuant to R 336.1219(1)(c), agreeing to and accepting the terms and conditions of this Permit to Install, and shall notify the AQD District Supervisor of any change in the contact person for this Permit to Install. **(R 336.1219)**
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. **(R 336.1901)**
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). **(R 336.1912)**

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 nor does it affect any liability for past violations under the Natural Resources and Environmental Protection Act, 1994 PA 451.
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 R 336.1301, 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 R 336.1303. **(R 336.1301)**
 - 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 R 336.1370(2). **(R 336.1370)**
13. The Department may require the permittee to conduct acceptable performance tests, at the permittee's expense, in accordance with R 336.2001 and R 336.2003, under any of the conditions listed in R 336.2001. **(R 336.2001)**

SPECIAL CONDITIONS

Emission Unit Identification

Emission Unit ID	Emission Unit Description	Stack Identification
EU-CLEANING	The cleaning portion of the hot dip galvanizing line (HDGL) consist of two alkaline and one rinse cleaner tanks controlled by a mist eliminator followed by a fume scrubber.	SV-STACKSO2
EU-SPRAYCLEANER1	3.5 MMBTU immersion tube unit.	N/A
EU-SPRAYCLEANER2	3.5 MMBTU immersion tube unit.	N/A
EU-RINSESECTION	3.0 MMBTU immersion tube unit.	N/A
EU-DRYER#1	2.6 MMBTU direct fired unit.	N/A
EU-DFFURNACE	70 MMBTU direct fired furnace controlled by post combustion chamber for CO.	SV-STACKSO1
EU-RTFURNACE	29.67 MMBTU radiant tube furnace.	SV-STACKSO1
EU-ZINCPOT	0.5 MMBTU start-up heater and 0.5 MMBTU submerged roll heater.	N/A
EU-DRYER#3	2.9 MMBTU direct fired unit.	N/A
EU-ROLLCOATER	A roll coater consists of applying chromate, phosphate or organic coatings.	N/A
EU-IROVEN	The infra-red oven of the HDGL.	N/A
EU-ELECTROSTATIC	A rust prevention oil application electrostatic spray applicator of the HDGL.	N/A
EU-HEATER#1	1.3 MMBTU heater.	SV-STACKSO4
EU-HEATER#2	1.075 MMBTU heater.	SV-STACKSO5
EU-HEATER#3	1.075 MMBTU heater.	SV-STACKSO6
EU-HEATER#4	1.075 MMBTU heater.	SV-STACKSO7
EU-HEATER#5	1.3 MMBTU heater.	SV-STACKSO8
Changes to the equipment described in this table are subject to the requirements of R 336.1201, except as allowed by R 336.1278 to R 336.1290.		

Flexible Group Identification

Flexible Group ID	Emission Units Included in Flexible Group	Stack Identification
FG-FURNACES	EU-DFFURNACE, EU-RTFURNACE,	SV-STACKSO1
FG-BURNERS	EU-SPRAYCLEANER1, EU-SPRAYCLEANER2, EU-RINSESECTION, EU-DRYER#1, EU-ZINCPOT, EU-DRYER#3, EU-HEATER#1, EU-HEATER#2, EU-HEATER#3, EU-HEATER#4, and EU-HEATER#5.	See above
FG-FACILITY	All process equipment at the stationary source including equipment covered by other permits, grandfathered equipment and exempt equipment.	N/A

The following conditions apply to: EU-CLEANING

Emission Limits

	Pollutant	Equipment	Limit	Time Period	Testing/ Monitoring Method	Applicable Requirement
1.1a	PM	EU-CLEANING	0.01 gr/dscf	Test Protocol	G.C. 13	R 336.1301, R 336.1331, R 336.1224, R 336.1225
1.1b	PM	EU-CLEANING	0.69 pph	Test Protocol	G.C. 13	R 336.1224, R 336.1225

Visual Emission Limits

1.2 The visible emissions from EU-CLEANING shall not exceed ten percent. **(R 336.1301, R 336.2803, R 336.2804, 40 CFR 52.21(c) & (d))**

Equipment

1.3 The permittee shall not operate EU-CLEANING unless the mist eliminator and/or fume scrubber are installed, maintained, and operated in a satisfactory manner, based on the results of stack test. **(R 336.1224, R 336.1225, R 336.1301, R 336.1331, R 336.1910)**

Stack/Vent Restrictions

	Stack & Vent ID	Maximum Diameter (inches)	Minimum Height Above Ground Level (feet)	Applicable Requirement
1.4	SV-STACKSO2	24	65	R 336.1225, R 336.2803, R 336.2804, 40 CFR 52.21(c)&(d)

The exhaust gases shall be discharged unobstructed vertically upwards to the ambient air.

The following conditions apply to: EU-ROLLCOATER

Emission Limits

	Pollutant	Equipment	Limit	Time Period	Testing/ Monitoring Method	Applicable Requirement
2.1a	VOC	EU-ROLLCOATER	0.28 kg/liter of coating solids applied.	Calendar month volume weighted average.	S.C. 2.2 S.C. 2.3 S.C. 2.5	NSPS, 40CFR 60 Subpart TT ⁽¹⁾
2.1b	VOC	EU-ROLLCOATER	2.6 lb/gal coating (minus water) as applied.	Calendar day volume weighted average.	S.C. 2.3 S.C. 2.5	R 336.1702 (a)
2.1c	VOC	EU-ROLLCOATER	20 tpy	12-month rolling time period as determined at the end of each calendar month.	S.C. 2.7	R 336.1702 (a)
(1) This limit is based on the federal Standards of Performance for New Stationary Sources, 40CFR 60 Subparts A and TT.						

Testing

2.2 The VOC content, water content, and density of any organic coating, as applied and 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. **(R 336.1702 (a))**

Monitoring

2.3 The permittee shall perform calculations and monitor operating information for each calendar month for EU-ROLLCOATER in accordance with the federal Standards of Performance for New Stationary sources as specified in 40 CFR Part 60 Subparts A and TT. **(40 CFR Part 60 Subparts A & TT)**

2.4 When using organic coatings with VOCs, the permittee shall perform calculations to determine the volume-weighted average VOC content of the coatings (minus water) as applied and monitor operation information for each calendar day for the EU-ROLLCOATER. 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. **(R 336.1224, R 336.1225, R 336.702 (a))**

Recordkeeping/Reporting/Notification

2.5 The permittee shall keep records of calculations and operating information for EU-ROLLCOATER in accordance with the federal Standards of Performance for New Stationary sources as specified in 40 CFR Part 60 Subparts A and TT. All records shall be kept on file for a period of at least five years and made available to the Department upon request. **(40 CFR Part 60 Subparts A & TT)**

- 2.6 The permittee shall maintain a current listing from the manufacturer of the chemical composition of each organic coating, solvent, *etc.*, including the weight percent of each component. The data may consist of Material Safety Data Sheets, manufacturer's formulation data, or both. All records shall be kept on file for a period of at least five years and made available to the Department upon request. **(R 336.1702 (a))**
- 2.7 The permittee shall keep the following information on a monthly basis for EU-ROLLCOATER:
- a) Gallons (with water) of each coatings coating used.
 - b) VOC content (minus water and with water) of each coatings coating as applied.
 - c) VOC emission calculations determining the volume-weighted average VOC content of the coatings as applied on a monthly basis.
 - d) VOC mass emission calculations determining the monthly emission rate in tons per calendar month.
 - e) 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. **(R 336.1224, R 336.1225, R 336.702 (a))**

Stack/Vent Restrictions

- 2.8 The permittee shall not discharge emissions from the EU-ROLLCOATER directly into the atmosphere. **(R 336.2803, R 336.2804, 40 CFR 52.21(c) & (d))**

The following conditions apply to: EU-ELECTROSTATIC

Emission Limits

	Pollutant	Equipment	Limit	Time Period	Testing/ Monitoring Method	Applicable Requirement
3.1a	VOC	EU-ELECTROSTATIC	1.5 lb/gal	Calendar day volume weighted average.	S.C. 3.2, S.C. 3.3 S.C. 3.4	R 336.1702 (a)
3.1b	VOC	EU-ELECTROSTATIC	26.7 tpy	12-month rolling time period as determined at the end of each calendar month.	S.C. 3.4	R 336.1702(a)

Testing

3.2 The VOC content, water content, and density of any oil, as applied and 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. **(R 336.1702 (a))**

Recordkeeping/Reporting/Notification

3.3 The permittee shall maintain a current listing from the manufacturer of the chemical composition of each coating, solvent, etc., including the weight percent of each component. The data may consist of Material Safety Data Sheets, manufacturer's formulation data, or both. All records shall be kept on file for a period of at least five years and made available to the Department upon request. **(R 336.1702 (a))**

3.4 The permittee shall keep the following information for EU-ELECTROSTATIC:

- a) The calendar day and monthly usage rates of each oil (in gallons).
- b) VOC content of each oil as applied.
- c) VOC emission calculations determining the volume-weighted average VOC content of the oil as applied on a calendar day basis.
- d) VOC mass emission calculations determining the monthly emission rate in tons per calendar month.
- e) 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. **(R 336.1224, R 336.1225, R 336.1299, R 336.1702 (a), R 336.1901)**

The following conditions apply to: FG-FURNACES

Emission Limits

	Pollutant	Equipment	Limit	Time Period	Testing/ Monitoring Method	Applicable Requirement
4.1a	NOx	FG-FURNACES	90 tpy	12-month rolling time period as determined at the end of each calendar month.	S.C. 4.5 S.C. 4.6	R 336.1205(1)
4.1b	NOx	FG-FURNACES	240 lb. NOx per MMSCF of natural gas.	Test Method	G.C. 13	R 336.1205(1)
<u>NOx</u>						
<p>Annual Natural Gas Combustion NO_x emissions (tons/12 month rolling time period as determined at the end of each calendar month.)</p> $= \sum_{i=1}^{12} EF \text{ (lb/MMSCF)} \times A \text{ (MMSCF/month)} \times (\text{ton}/2000\text{lb})$ <p>EF (lb/MMSCF) = the Natural Gas emission rate from above A (MMSCF/month) = the Natural Gas used during calendar month i</p>						

Process/Operational Limits

4.2 The natural gas usage for FG-FURNACES shall not exceed a maximum of 750 MMSCF per 12-month rolling time period as determined at the end of each calendar month. **(R 336.1205(1))**

Equipment

4.3 The permittee shall not operate FG-FURNACES unless the burners are installed, maintained, and operated in a satisfactory manner. **(R 336.1205(1), R 336.1910)**

4.4 The permittee shall not operate EU-DFFURNACE portion of the FG-FURNACES unless the post combustion chamber for carbon monoxide is installed, maintained, and operated in a satisfactory manner. **(R 336.205(1), R 336.1910)**

Monitoring

4.5 The permittee shall install, calibrate, maintain and operate, in a satisfactory manner, a device to monitor and record the natural gas usage rate for FG-FURNACES on a monthly basis. **(R 336.1205(1), R 336.2803, R 336.2804, 40 CFR 52.21(c) and (d))**

Recordkeeping/Reporting/Notification

4.6 The permittee shall keep, in a satisfactory manner, monthly natural gas usage records, indicating the total amount of natural gas used, in cubic feet, on a calendar month basis and a 12-month rolling time period basis for FG-FURNACES. In addition, the permittee shall keep monthly and previous 12-month NOx calculation records for the FG-FURNACES. All records shall be kept on file for a period of at least five years and made available to the Department upon request. **(R 336.1205(1), R 336.2803, R 336.2804, 40 CFR 52.21(c) and (d))**

Stack/Vent Restrictions

	Stack & Vent ID	Maximum Diameter (inches)	Minimum Height Above Ground Level (feet)	Applicable Requirement
4.7	SV-STACKS01	90	156	R 336.2803, R 336.2804 40 CFR 52.21(c)&(d)
The exhaust gases shall be discharged unobstructed vertically upwards to the ambient air.				

The following conditions apply to: FG-BURNERS

Emission Limits

	Pollutant	Equipment	Limit	Time Period	Testing/ Monitoring Method	Applicable Requirement				
5.1a	NOx	FG-BURNERS	9.8 tpy	12-month rolling time period as determined at the end of each month.	See below and S.C. 5.4	R 336.1205(1)				
5.1b	NOx	FG-BURNERS	100 lb NOx per MMSCF of natural gas.	Test Method	See below and S.C. 5.4	R 336.1205(1)				
<u>NOx</u>										
<table border="1" style="width: 100%;"> <tr> <td style="width: 40%;">Annual Natural Gas Combustion NO_x emissions (tons/12 month rolling time period as determined at the end of each calendar month.)</td> <td style="width: 10%; text-align: center;">=</td> <td style="width: 10%; text-align: center;"> $\sum_{i=1}^{12} EF \text{ (lb/MMSCF)} \times A \text{ (MMSCF/month)} \times (\text{Ton}/2000\text{lb})$ </td> <td style="width: 30%;"> EF (lb/MMSCF) = the Natural Gas emission rate from above A (MMSCF) = the Natural Gas used during calendar month i </td> </tr> </table>							Annual Natural Gas Combustion NO _x emissions (tons/12 month rolling time period as determined at the end of each calendar month.)	=	$\sum_{i=1}^{12} EF \text{ (lb/MMSCF)} \times A \text{ (MMSCF/month)} \times (\text{Ton}/2000\text{lb})$	EF (lb/MMSCF) = the Natural Gas emission rate from above A (MMSCF) = the Natural Gas used during calendar month i
Annual Natural Gas Combustion NO _x emissions (tons/12 month rolling time period as determined at the end of each calendar month.)	=	$\sum_{i=1}^{12} EF \text{ (lb/MMSCF)} \times A \text{ (MMSCF/month)} \times (\text{Ton}/2000\text{lb})$	EF (lb/MMSCF) = the Natural Gas emission rate from above A (MMSCF) = the Natural Gas used during calendar month i							

Process/Operational Limits

5.2 The natural gas usage for FG-BURNERS shall not exceed a maximum of 195.56 MMSCF per 12-month rolling time period as determined at the end of each calendar month. **(R 336.1205(1))**

Equipment

5.3 The permittee shall not operate FG-BURNERS unless the burners are installed, maintained, and operated in a satisfactory manner. **(R 336.1910)**

Monitoring

5.4 The permittee shall install, calibrate, maintain and operate, in a satisfactory manner, a device to monitor and record the natural gas usage rate for FG-BURNERS on a monthly basis. **(R 336.1205(1))**

Recordkeeping/Reporting/Notification

5.5 The permittee shall keep, in a satisfactory manner, monthly natural gas usage records, indicating the total amount of natural gas used, in cubic feet, on an average calendar month basis and a 12-month rolling time period basis for FG-BURNERS. In addition, permittee shall keep monthly and previous 12-month NOx calculation records for the FG-BURNERS. All records shall be kept on file for a period of at least five years and made available to the Department upon request. **(R 336.1205(1))**

The following conditions apply to: FGFACILITY

Emission Limits

	Pollutant	Limit	Time Period	Equipment	Testing/ Monitoring Method	Applicable Requirements
6.1a	Each Individual HAP	Less than 9.0 tpy*	12-month rolling time period as determined at the end of each calendar month	FGFACILITY	SC 6.4	R 336.1205(3)
6.1b	Aggregate HAPs	Less than 22.5 tpy*	12-month rolling time period as determined at the end of each calendar month	FGFACILITY	SC 6.4	R 336.1205(3)

* Beginning on the date of permit issuance, and continuing for the first 12 calendar months, this limit applies to the cumulative total HAP emissions. Thereafter, the limit shall become a 12-month rolling limit.

Testing

6.2 The permittee shall determine the HAP content of any material as received and as applied, using manufacturer's formulation data. Upon request of the AQD District Supervisor, the permittee shall verify the manufacturer's HAP formulation data using EPA Test Method 311. **(R 336.1205(3))**

Recordkeeping / Reporting / Notification

6.3 The permittee shall complete all required calculations in a format acceptable to the AQD District Supervisor by the 15th day of the calendar month, for the previous calendar month, unless otherwise specified in any recordkeeping, reporting or notification special condition. **(R 336.1205(3))**

6.4 The permittee shall keep the following information on a monthly basis for FGFACILITY:

- a) Gallons or pounds of each HAP containing material used.
- b) Where applicable, gallons or pounds of each HAP containing material reclaimed.
- c) HAP content, in pounds per gallon or pounds per pound, of each HAP containing material used.
- d) Individual and aggregate HAP emission calculations determining the monthly emission rate of each in tons per calendar month.
- e) Individual 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. For the first month following permit issuance, the calculations shall include the summation of emissions from the 11-month period immediately preceding the issuance date. For each month thereafter, calculations shall include the summation of emissions for the appropriate number of months prior to permit issuance plus the months following permit issuance for a total of 12 consecutive months.

The permittee shall keep the records in a format acceptable to the AQD District Supervisor. The permittee shall keep all records on file for a period of at least five years and make them available to the Department upon request. **(R 336.1205(3))**