

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

August 10, 2017

PERMIT TO INSTALL
433-95C

ISSUED TO
Lear Corporation DBA Eagle Ottawa

LOCATED AT
2930 West Auburn Road
Rochester Hills, Michigan

IN THE COUNTY OF
Oakland

STATE REGISTRATION NUMBER
N5677

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: June 22, 2017	
DATE PERMIT TO INSTALL APPROVED: August 10, 2017	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	acfm	Actual cubic feet per minute
BACT	Best Available Control Technology	BTU	British Thermal Unit
CAA	Clean Air Act	°C	Degrees Celsius
CAM	Compliance Assurance Monitoring	CO	Carbon Monoxide
CEM	Continuous Emission Monitoring	CO _{2e}	Carbon Dioxide Equivalent
CFR	Code of Federal Regulations	dscf	Dry standard cubic foot
COM	Continuous Opacity Monitoring	dscm	Dry standard cubic meter
Department/ department	Michigan Department of Environmental Quality	°F	Degrees Fahrenheit
EU	Emission Unit	gr	Grains
FG	Flexible Group	HAP	Hazardous Air Pollutant
GACS	Gallons of Applied Coating Solids	Hg	Mercury
GC	General Condition	hr	Hour
GHGs	Greenhouse Gases	HP	Horsepower
HVLP	High Volume Low Pressure*	H ₂ S	Hydrogen Sulfide
ID	Identification	kW	Kilowatt
IRSL	Initial Risk Screening Level	lb	Pound
ITSL	Initial Threshold Screening Level	m	Meter
LAER	Lowest Achievable Emission Rate	mg	Milligram
MACT	Maximum Achievable Control Technology	mm	Millimeter
MAERS	Michigan Air Emissions Reporting System	MM	Million
MAP	Malfunction Abatement Plan	MW	Megawatts
MDEQ	Michigan Department of Environmental Quality	NMOC	Non-methane Organic Compounds
MSDS	Material Safety Data Sheet	NO _x	Oxides of Nitrogen
NA	Not Applicable	ng	Nanogram
NAAQS	National Ambient Air Quality Standards	PM	Particulate Matter
NESHAP	National Emission Standard for Hazardous Air Pollutants	PM10	Particulate Matter equal to or less than 10 microns in diameter
NSPS	New Source Performance Standards	PM2.5	Particulate Matter equal to or less than 2.5 microns in diameter
NSR	New Source Review	pph	Pounds per hour
PS	Performance Specification	ppm	Parts per million
PSD	Prevention of Significant Deterioration	ppmv	Parts per million by volume
PTE	Permanent Total Enclosure	ppmw	Parts per million by weight
PTI	Permit to Install	psia	Pounds per square inch absolute
RACT	Reasonable Available Control Technology	psig	Pounds per square inch gauge
ROP	Renewable Operating Permit	scf	Standard cubic feet
SC	Special Condition	sec	Seconds
SCR	Selective Catalytic Reduction	SO ₂	Sulfur Dioxide
SNCR	Selective Non-Catalytic Reduction	TAC	Toxic Air Contaminant
SRN	State Registration Number	Temp	Temperature
TEQ	Toxicity Equivalence Quotient	THC	Total Hydrocarbons
USEPA/EPA	United States Environmental Protection Agency	tpy	Tons per year
VE	Visible Emissions	µg	Microgram
		µm	Micrometer or Micron
		VOC	Volatile Organic Compounds
		yr	Year

*For HVLP applicators, the pressure measured at the gun air cap shall not exceed 10 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 48909-7760, 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 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 R 336.1219 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 R 336.1219 and shall be sent to the District Supervisor, Air Quality Division, Michigan Department of Environmental Quality. **(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.
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 SUMMARY TABLE

The descriptions provided below are for informational purposes and do not constitute enforceable conditions.

Emission Unit ID	Emission Unit Description (Process Equipment & Control Devices)	Installation Date / Modification Date	Flexible Group ID
EU-SL1	Coating line for applying waterborne coatings to leather, consisting of the following equipment in sequence: one ProdTopStar rollcoater; two parallel automated spray booths, each followed by its own curing oven; a shared airoff oven; and associated purge and cleanup operations (one rollcoater, two spray booths, and three ovens). Overspray from the spray booths is controlled by a water curtain collector.	1996	FG-Coating FGFACILITY
EU-SL2	Coating line for applying waterborne coatings to leather, consisting of the following equipment in sequence: one ProdJumboStar rollcoater and one ProdMegaStar rollcoater operated as parallel units, a shared automated spray booth, two parallel curing ovens, a shared airoff oven, and associated purge and cleanup operations (two rollcoaters, one spray booth, and four ovens). Overspray from the spray booths is controlled by a water curtain collector.	2017	FG-Coating FGFACILITY
EU-SL3	Coating line for applying waterborne coatings to leather, consisting of the following equipment in sequence: one ProdTopStar rollcoater and one MegaStar rollcoater; one automated spray booth, followed by its own curing oven; and associated purge and cleanup operations (two rollcoater, one spray booth, and two ovens). Overspray from the spray booths is controlled by a water curtain collector.	2017	FG-Coating FGFACILITY
EU-SP4	Coating line for applying waterborne coatings to leather, consisting of the following equipment in sequence: one PDStarPrint rollcoater, one automated spray booth, two parallel curing ovens, a shared airoff oven, and associated purge and cleanup operations (one rollcoater, one spray booth, and three ovens, with one oven shared with EU-SP5and6). Overspray from the spray booths is controlled by a water curtain collector.	2014	FG-Coating FGFACILITY

Emission Unit ID	Emission Unit Description (Process Equipment & Control Devices)	Installation Date / Modification Date	Flexible Group ID
EU-SP5and6	Coating line for applying waterborne coatings to leather, consisting of the following equipment in sequence: one PDMegaStar rollcoater and one PDStarPrint rollcoater operated as parallel units, each followed by its own automated spray booth; a shared curing oven; a shared airoff oven; and associated purge and cleanup operations (two rollcoaters, two spray booths, and two ovens, with one oven shared with EU-SP4). Overspray from the spray booths is controlled by a water curtain collector.	1998	FG-Coating FGFACILITY
EU-TestBooth	One manual spray booth used to test coatings for leather developed at the facility along with associated purge and cleanup operations.	2015	FG-Coating FGFACILITY
EU-Splitter	Splitting machine to produce hides of required thickness from thick hides. Emissions are controlled by a cyclone and exhausted either indoors or to the ambient air.	2015	FG-PM FGFACILITY
EU-LeatherMills	Leather mills used to soften hides by tumbling them under heated conditions. Emissions from each mill are exhausted through a fabric filter collector, which may be exhausted indoors or to the ambient air.	2015	FG-PM FGFACILITY
EU-LaserEtcher	Etching machine to emboss patterns in leather. Emissions are exhausted through a fabric filter collector, which may be exhausted indoors or to the ambient air.	TBD	FG-PM FGFACILITY
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 SUMMARY TABLE

The descriptions provided below are for informational purposes and do not constitute enforceable conditions.

Flexible Group ID	Flexible Group Description	Associated Emission Unit IDs
FG-Coating	All coating application equipment at the facility.	EU-SL1, EU-SL2, EU-SL3, EU-SP4, EU-SP5and6, EU-TestBooth
FG-PM	All hide splitting and leather milling equipment at the facility.	EU-Splitter, EU-LeatherMills, EU-LaserEtcher
FGFACILITY	All process equipment source-wide including equipment covered by other permits, grand-fathered equipment and exempt equipment.	NA

The following conditions apply to: FG-Coating

DESCRIPTION: All coating application equipment at the facility.

Emission Units: EU-SL1, EU-SL2, EU-SL3, EU-SP4, EU-SP5and6, EU-TestBooth

POLLUTION CONTROL EQUIPMENT:

The manual spray booth, EU-TestBooth, is equipped with dry filter overspray collection equipment. All of the other spray booths exhaust through water curtain overspray collectors.

I. EMISSION LIMITS

Pollutant	Limit	Time Period/ Operating Scenario	Equipment	Testing / Monitoring Method	Underlying Applicable Requirements
1. 2-Dimethyl- aminoethanol (CAS Number+ 108-01-0)	5,330 pounds per year	12-month rolling time period as determined at the end of each calendar month	FG-Coating	SC VI.4	R 336.1225(1)
2. Triethylamine (CAS Number 121-44-8)	3.9 pounds per day	Calendar day	FG-Coating	SC VI.5	R 336.1225(1)
3. VOC	36.0 tpy	12-month rolling time period as determined at the end of each calendar month	FG-Coating	SC VI.3	R 336.1702(a)

+ The "CAS Number" is the Chemical Abstracts Service Registry Number.

II. MATERIAL LIMITS

Material	Limit	Time Period / Operating Scenario	Equipment	Testing / Monitoring Method	Underlying Applicable Requirements
1. Hides coated	18,000,000 square feet per year	12-month rolling time period as determined at the end of each calendar month	FG-Coating	SC VI.6	R 336.1702(a)
2. VOC	4.0 lb per 1,000 square feet of hide coated	12-month rolling time period as determined at the end of each calendar month	FG-Coating	SC VI.3, VI.7	R 336.1702(a)

3. The permittee shall not use any purge or cleanup solvent in FG-Coating that contains VOC. This condition does not prohibit the use of ionic compounds that include carbon atoms, such as ionic surfactants.
(R 336.1702(a))

III. PROCESS/OPERATIONAL RESTRICTIONS

1. The permittee shall capture all waste coatings and purge materials and shall store them in closed containers. The permittee shall dispose of all waste coatings and purge materials in an acceptable manner in compliance with all applicable state rules and federal regulations. **(R 336.1702(a))**
2. The permittee shall dispose of spent filters in a manner which minimizes the introduction of air contaminants to the outer air. **(R 336.1370)**
3. The permittee shall handle all VOC and HAP containing materials in a manner to minimize the generation of fugitive emissions. The permittee shall keep containers covered at all times except when operator access is necessary. **(R 336.1205(3), R 336.1224, R 336.1225, R 336.1702(a))**
4. The permittee shall not conduct coating operations in FG-Coating for more than 20 hours per calendar day.¹ **(R 336.1225(1))**

IV. DESIGN/EQUIPMENT PARAMETERS

1. The permittee shall not operate any spray booth in FG-Coating unless all respective overspray control systems are installed, maintained and operated in a satisfactory manner. **(R 336.1301, R 336.1910)**
2. The permittee shall equip and maintain each spray booth in FG-Coating with HVLP or comparable technology with equivalent transfer efficiency. For HVLP applicators, the permittee shall keep test caps available for pressure testing. **(R 336.1702(a))**

V. TESTING/SAMPLING

Records shall be maintained on file for a period of five years. **(R 336.1201(3))**

1. The permittee shall determine the VOC content, water content and density of any coating, as applied and as received, using federal Reference Test Method 24. Upon prior written approval by the AQD District Supervisor, the permittee may determine the VOC content from manufacturer's formulation data. If the Method 24 and the formulation values should differ, the permittee shall use the Method 24 results to determine compliance. **(R 336.1702(a), R 336.2001, R 336.2003, R 336.2004, R 336.2040(5))**

VI. MONITORING/RECORDKEEPING

Records shall be maintained on file for a period of five years. **(R 336.1201(3))**

1. The permittee shall complete all required calculations, including summaries demonstrating compliance with the applicable limits, in a format acceptable to the AQD District Supervisor by the last day of the calendar month, for the previous calendar month, unless otherwise specified in any monitoring/recordkeeping special condition. **(R 336.1224, R 336.1225, R 336.1702(a))**
2. The permittee shall maintain a current listing from the manufacturer of the chemical composition of each coating as applied, 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. The permittee shall keep all records on file and make them available to the Department upon request. **(R 336.1224, R 336.1225, R 336.1702(a))**

3. The permittee shall keep the following information on a calendar month basis for FG-Coating:
 - a. Gallons (with water) of each VOC-containing material used.
 - b. VOC content of each coating as applied.
 - c. VOC mass emission calculations determining the monthly emission rate in tons per calendar month.
 - d. 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 permittee shall keep the records using mass balance or an alternative format acceptable to the AQD District Supervisor. The permittee shall keep all records on file and make them available to the Department upon request. **(R 336.1702(a))**

4. The permittee shall keep the following information on a calendar month basis for FG-Coating:
 - a. Gallons (with water) of each 2-dimethylaminoethanol-containing material used.
 - b. Where applicable, gallons (with water) of each 2-dimethylaminoethanol-containing material reclaimed.
 - c. The 2-dimethylaminoethanol content (with water) in pounds per gallon of each material used.
 - d. 2-Dimethylaminoethanol mass emission calculations determining the monthly emission rate in pounds per calendar month, except as allowed in SC VI.9.
 - e. 2-Dimethylaminoethanol mass emission calculations determining the annual emission rate in pounds per 12-month rolling time period as determined at the end of each calendar month, except as allowed in SC VI.9.

The permittee shall keep the records using mass balance or an alternative format acceptable to the AQD District Supervisor. The permittee shall keep all records on file and make them available to the Department upon request.¹ **(R 336.1225(1))**

5. The permittee shall keep the following information on a calendar day basis for FG-Coating:
 - a. Gallons (with water) of each triethylamine-containing material used.
 - b. Where applicable, gallons (with water) of each triethylamine-containing material reclaimed.
 - c. The triethylamine content (with water) in pounds per gallon of each material used.
 - d. Triethylamine mass emission calculations determining the daily emission rate in pounds per calendar day, except as allowed in SCS VI.10.
 - e. The square feet of hides coated in FG-Coating.
 - f. For any calendar day during which the permittee uses no material containing triethylamine, the permittee shall record this fact in lieu of the details of SC VI.5.a through VI.5.e.

The permittee shall keep the records using mass balance or an alternative format acceptable to the AQD District Supervisor. The permittee shall keep all records on file and make them available to the Department upon request.¹ **(R 336.1225(1))**

6. The permittee shall record the square feet of hides coated in FG-Coating monthly, for the preceding 12-month rolling time period, using a method acceptable to the AQD District Supervisor. The permittee shall keep all records on file at the facility and make them available to the Department upon request. **(R 336.1702(a))**
7. The permittee shall calculate the VOC emission rate from FG-Coating monthly, for the preceding 12-month rolling time period, in pounds per 1,000 square feet of hides coated, using a method acceptable to the AQD District Supervisor. The permittee shall keep all records on file at the facility and make them available to the Department upon request. **(R 336.1702(a))**
8. The permittee shall keep, in a satisfactory manner, a log of the daily hours of coating operations conducted in FG-Coating. The permittee shall keep all records on file at the facility and make them available to the Department upon request.¹ **(R 336.1225(1))**

9. Following achievement of the conditions below and upon written approval by the AQD District Supervisor in response to a written request from the permittee, the monthly mass emission calculations required by SC VI.4.d and VI.4.e shall be suspended until the 12-month rolling time period amount of hides coated exceeds 13,000,000 square feet.
- Twenty-four consecutive months have passed in which the amount of hides coated in every 12-month rolling time period is less than 13,000,000 square feet.
 - The 2-dimethylaminoethanol mass emission calculations for the 24 consecutive months were acceptable to the AQD District Supervisor.
Continued suspension of the monthly mass emission calculations required by SC VI.4.d and VI.4.e is contingent upon all of the following:
 - Satisfactory completion of all other records required by SC VI.4.
 - The 12-month rolling time period amount of hides coated determined under SC VI.6 remains less than 13,000,000 square feet each month.

If, for any month, either c. or d. above is not true, the monthly mass emission calculations required by SC VI.4.d and VI.4.e shall be resumed beginning that month, and shall continue until the AQD District Supervisor has again provided written approval of suspension of these calculations.¹ **(R 336.1225(1))**

10. Following achievement of the conditions below and upon written approval by the AQD District Supervisor in response to a written request from the permittee, the daily mass emission calculations required by SC VI.5.d shall be suspended until the daily amount of hides coated exceeds 44,500 square feet.
- Twelve consecutive months have passed in which the daily amount of hides coated is less than 44,500 square feet every day.
 - The triethylamine mass emission calculations for the twelve consecutive months were acceptable to the AQD District Supervisor.
Continued suspension of the daily mass emission calculations required by SC VI.5.d is contingent upon all of the following:
 - Satisfactory completion of all other records required by SC VI.5.
 - The daily amount of hides coated determined under SC VI.5.e remains less than 44,500 square feet each day.

If, for any day, either c. or d. above is not true, the daily mass emission calculations required by SC VI.5.d shall be resumed beginning that day, and shall continue until the AQD District Supervisor has again provided written approval of suspension of these calculations.¹ **(R 336.1225(1))**

VII. REPORTING

NA

VIII. STACK/VENT RESTRICTIONS

The exhaust gases from the stacks listed in the table below shall be discharged unobstructed vertically upwards to the ambient air unless otherwise noted:

Stack & Vent ID	Maximum Exhaust Diameter/Dimensions (inches)	Minimum Height Above Ground (feet)	Underlying Applicable Requirements
1. SV-17 (SP-5 & SP-6 Oven)	24	38	R 336.1225, 40 CFR 52.21(c)&(d)
2. SV-18.1 (SP-5 Spray Booth)	20	40	R 336.1225, 40 CFR 52.21(c)&(d)
3. SV-18.2 (SP-5 Spray Booth)	20	40	R 336.1225, 40 CFR 52.21(c)&(d)
4. SV-19.1 (SP-6 Spray Booth)	20	42	R 336.1225, 40 CFR 52.21(c)&(d)

Stack & Vent ID	Maximum Exhaust Diameter/Dimensions (inches)	Minimum Height Above Ground (feet)	Underlying Applicable Requirements
5. SV-19.2 (SP-6 Spray Booth)	20	42	R 336.1225, 40 CFR 52.21(c)&(d)
6. SV-21 (SP-4 Oven)	16	35	R 336.1225, 40 CFR 52.21(c)&(d)
7. SV-22 (SP-4 Oven)	16	35	R 336.1225, 40 CFR 52.21(c)&(d)
8. SV-23.1 (SP-4 Spray Booth)	20	41	R 336.1225, 40 CFR 52.21(c)&(d)
9. SV-23.2 (SP-4 Spray Booth)	20	41	R 336.1225, 40 CFR 52.21(c)&(d)
10. SV-25a-f (Air Off Dryer)	8	33	R 336.1225, 40 CFR 52.21(c)&(d)
11. SV-31 (Air-Off Ovens)	32	46	R 336.1225, 40 CFR 52.21(c)&(d)
12. SV-32 (SL-1 & SL-2 Ovens)	32	46	R 336.1225, 40 CFR 52.21(c)&(d)
13. SV-34 (SL-2 Spray Booth)	24	55	R 336.1225, 40 CFR 52.21(c)&(d)
14. SV-38 (SL-1 Spray Booth)	24	55	R 336.1225, 40 CFR 52.21(c)&(d)
15. SV-39 (SL-1 Spray Booth)	24	55	R 336.1225, 40 CFR 52.21(c)&(d)
16. SV-40 (SL-3 Oven)	16	43	R 336.1225, 40 CFR 52.21(c)&(d)
17. SV-41 (SL-3 Oven)	16	43	R 336.1225, 40 CFR 52.21(c)&(d)
18. SV-49 (SL-3 Spray Booth)	24	55	R 336.1225, 40 CFR 52.21(c)&(d)

IX. OTHER REQUIREMENTS

NA

Footnotes:

¹This condition is state only enforceable and was established pursuant to Rule 201(1)(b).

The following conditions apply to: FG-PM

DESCRIPTION: All hide splitting and leather milling equipment at the facility.

Emission Units: EU-Splitter, EU-LeatherMills, EU-LaserEtcher

POLLUTION CONTROL EQUIPMENT:

- Fabric filter collector for each leather mill and the laser etcher.
- Cyclone for the splitting machine.

I. EMISSION LIMITS

Pollutant	Limit	Time Period/ Operating Scenario	Equipment	Testing / Monitoring Method	Underlying Applicable Requirements
1. PM	0.01 lb/1,000 lb of exhaust gas on a dry gas basis	Test protocol*	Each leather mill and splitting machine in FG-PM	GC 13	R 336.1331(1)(c)
2. PM10	0.5 pph	Test protocol*	FG-PM	GC 13	40 CFR 52.21(c)&(d)
3. PM2.5	0.5 pph	Test protocol*	FG-PM	GC 13	40 CFR 52.21(c)&(d)

* Test protocol shall specify averaging time.

II. MATERIAL LIMITS

NA

III. PROCESS/OPERATIONAL RESTRICTIONS

NA

IV. DESIGN/EQUIPMENT PARAMETERS

1. The permittee shall not operate any leather mill or splitting machine in FG-PM unless the associated emission control device is installed, maintained, and operated in a satisfactory manner. **(R 336.1331, R 336.1910, 40 CFR 52.21(c) and (d))**

V. TESTING/SAMPLING

Records shall be maintained on file for a period of five years. **(R 336.1201(3))**

NA

VI. MONITORING/RECORDKEEPING

Records shall be maintained on file for a period of five years. **(R 336.1201(3))**

1. Before the first use during a calendar day of a leather mill or splitting machine in FG-PM, the permittee shall inspect the associated emission control device to verify it is operating properly. Each inspection shall verify both the integrity of the dust collection media and that the dust collection media is properly attached. If any fault of integrity or any improper attachment is observed, the permittee shall correct the fault or improper attachment before operating the mill or splitting machine. **(R 336.1910)**

- 2 The permittee shall keep, in a satisfactory manner, records of emission control device inspections for FG-PM. At a minimum, records shall include the date, the name of the person inspecting the emission control device, the results of the inspection, and any corrections made. For any leather mill or splitting machine that is not operated during a calendar week, the permittee shall record this fact in lieu of the details in the previous sentence. The permittee shall keep all records on file at the facility and make them available to the Department upon request. **(R 336.1910)**

VII. REPORTING

NA

VIII. STACK/VENT RESTRICTIONS

The exhaust gases from the stacks listed in the table below shall be discharged unobstructed vertically upwards to the ambient air unless otherwise noted:

Stack & Vent ID +	Maximum Exhaust Diameter/Dimensions (inches)	Minimum Height Above Ground (feet)	Underlying Applicable Requirements
1. SV-9 (Splitting machine) *	8	17	40 CFR 52.21(c)&(d)
2. SV-13a (Erretre mill #2) ***	8	23.3	40 CFR 52.21(c)&(d)
3. SV-13b (Erretre mill #3) ***	8	23.3	40 CFR 52.21(c)&(d)
4. SV-13c (Erretre mill #4) ***	8	23.3	40 CFR 52.21(c)&(d)
5. SV-13d (Erretre mill #5) ***	8	23.3	40 CFR 52.21(c)&(d)
6. SV-13e (Erretre mill #6) ***	8	23.3	40 CFR 52.21(c)&(d)
7. SV-13f (Erretre mill #7) ***	8	24.8	40 CFR 52.21(c)&(d)
8. SV-47a (Erretre mill #8) ***	8	23.5	40 CFR 52.21(c)&(d)
9. SV-47b (Erretre mill #9) ***	8	23.5	40 CFR 52.21(c)&(d)
10. SV-47c (Erretre mill #10) ***	8	23.5	40 CFR 52.21(c)&(d)
11. SV-47d (Erretre mill #11) ***	8	23.5	40 CFR 52.21(c)&(d)
12. SV-47e (Erretre mill #12) ***	8	23.5	40 CFR 52.21(c)&(d)
13. SV-12 (Laser Etcher) *	6	23.5	40 CFR 52.21(c)&(d)
+ All of the vents listed above may discharge either to the ambient air or indoors. * May discharge horizontally to the ambient air. ** May discharge downward to the ambient air. *** Equipped with a rain cap for discharge to the ambient air.			

IX. OTHER REQUIREMENTS

NA

The following conditions apply Source-Wide to: FGFACILITY

POLLUTION CONTROL EQUIPMENT:

NA

I. EMISSION LIMITS

Pollutant	Limit	Time Period / Operating Scenario	Equipment	Testing / Monitoring Method	Underlying Applicable Requirements
1. Each Individual HAP	Less than 9 tpy	12-month rolling time period as determined at the end of each calendar month	FGFACILITY	SC VI.2	R 336.1205(3)
2. Aggregate HAPs	Less than 22.5 tpy	12-month rolling time period as determined at the end of each calendar month	FGFACILITY	SC VI.2	R 336.1205(3)

II. MATERIAL LIMITS

NA

III. PROCESS/OPERATIONAL RESTRICTIONS

NA

IV. DESIGN/EQUIPMENT PARAMETERS

NA

V. TESTING/SAMPLING

Records shall be maintained on file for a period of five years. **(R 336.1201(3))**

1. The permittee shall determine the HAP content of any coating 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))**

VI. MONITORING/RECORDKEEPING

Records shall be maintained on file for a period of five years. **(R 336.1201(3))**

1. The permittee shall complete all required calculations in a format acceptable to the AQD District Supervisor by the last day of the calendar month, for the previous calendar month, unless otherwise specified in any monitoring/recordkeeping special condition. **(R 336.1205(3))**

2. The permittee shall keep the following information on a calendar month 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 using a mass balance approach determining the monthly emission rate of each in tons per calendar month.
 - e. Individual and aggregate HAP emission calculations using a mass balance approach 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 permittee shall keep the records using mass balance or an alternative format acceptable to the AQD District Supervisor. The permittee shall keep all records on file and make them available to the Department upon request. **(R 336.1205(3))**

VII. REPORTING

NA

VIII. STACK/VENT RESTRICTIONS

NA

IX. OTHER REQUIREMENTS

NA