MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
AIR QUALITY DIVISION

February 13, 2020

PERMIT TO INSTALL
175-19

ISSUED TO
Exotic Rubber & Plastics d/b/a Exotic Automation & Supply

LOCATED AT
53500 Grand River Avenue
New Hudson, Michigan 48165

IN THE COUNTY OF
Oakland

STATE REGISTRATION NUMBER
P1091

The Air Quality Division has approved this Permit to Install, pursuant to the delegation of authority from the Michigan Department of Environment, Great Lakes, and Energy. 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: **December 3, 2019**	
DATE PERMIT TO INSTALL APPROVED: **February 13, 2020**	SIGNATURE:
DATE PERMIT VOIDED:	SIGNATURE:
DATE PERMIT REVOKED:	SIGNATURE:

PERMIT TO INSTALL

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COMMON ACRONYMS

AQD	Air Quality Division
BACT	Best Available Control Technology
CAA	Clean Air Act
CAM	Compliance Assurance Monitoring
CEMS	Continuous Emission Monitoring System
CFR	Code of Federal Regulations
COMS	Continuous Opacity Monitoring System
Department/department/EGLE	Michigan Department of Environment, Great Lakes, and Energy
EU	Emission Unit
FG	Flexible Group
GACS	Gallons of Applied Coating Solids
GC	General Condition
GHGs	Greenhouse Gases
HVLP	High Volume Low Pressure*
ID	Identification
IRSL	Initial Risk Screening Level
ITSL	Initial Threshold Screening Level
LAER	Lowest Achievable Emission Rate
MACT	Maximum Achievable Control Technology
MAERS	Michigan Air Emissions Reporting System
MAP	Malfunction Abatement Plan
MSDS	Material Safety Data Sheet
NA	Not Applicable
NAAQS	National Ambient Air Quality Standards
NESHAP	National Emission Standard for Hazardous Air Pollutants
NSPS	New Source Performance Standards
NSR	New Source Review
PS	Performance Specification
PSD	Prevention of Significant Deterioration
PTE	Permanent Total Enclosure
PTI	Permit to Install
RACT	Reasonable Available Control Technology
ROP	Renewable Operating Permit
SC	Special Condition
SCR	Selective Catalytic Reduction
SNCR	Selective Non-Catalytic Reduction
SRN	State Registration Number
TBD	To Be Determined
TEQ	Toxicity Equivalence Quotient
USEPA/EPA	United States Environmental Protection Agency
VE	Visible Emissions

*For HVLP applicators, the pressure measured at the gun air cap shall not exceed 10 psig

POLLUTANT / MEASUREMENT ABBREVIATIONS

acfm	Actual cubic feet per minute
BTU	British Thermal Unit
°C	Degrees Celsius
CO	Carbon Monoxide
CO_2e	Carbon Dioxide Equivalent
dscf	Dry standard cubic foot
dscm	Dry standard cubic meter
°F	Degrees Fahrenheit
gr	Grains
HAP	Hazardous Air Pollutant
Hg	Mercury
hr	Hour
HP	Horsepower
H_2S	Hydrogen Sulfide
kW	Kilowatt
lb	Pound
m	Meter
mg	Milligram
mm	Millimeter
MM	Million
MW	Megawatts
NMOC	Non-Methane Organic Compounds
NO_x	Oxides of Nitrogen
ng	Nanogram
PM	Particulate Matter
PM10	Particulate Matter equal to or less than 10 microns in diameter
PM2.5	Particulate Matter equal to or less than 2.5 microns in diameter
pph	Pounds per hour
ppm	Parts per 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
scf	Standard cubic feet
sec	Seconds
SO_2	Sulfur Dioxide
TAC	Toxic Air Contaminant
Temp	Temperature
THC	Total Hydrocarbons
tpy	Tons per year
µg	Microgram
µm	Micrometer or Micron
VOC	Volatile Organic Compounds
yr	Year

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 Environment, Great Lakes, and Energy, 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 Rule 210 (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 Rule 219 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 Rule 219 and shall be sent to the District Supervisor, Air Quality Division, Michigan Department of Environment, Great Lakes, and Energy. **(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 Rule 301, 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 Rule 303 (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 Rule 370(2). **(R 336.1370)**

13. The Department may require the permittee to conduct acceptable performance tests, at the permittee's expense, in accordance with Rule 1001 and Rule 1003, under any of the conditions listed in Rule 1001. **(R 336.2001)**

EMISSION UNIT 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 (Including Process Equipment & Control Device(s))	Flexible Group ID
EUPRESS1	Hydraulic press used in the rubber process	FG-RUBBER
EUPRESS2	Hydraulic press used in the rubber process	FG-RUBBER
EUPRESS3	Hydraulic press used in the rubber process	FG-RUBBER
EUPRESS4	Hydraulic press used in the rubber process	FG-RUBBER
EUPRESS5	Mainly used in the urethane process and sometimes used in the rubber process	FG-RUBBER, FG-URETHANE
EUPRESS6	Mainly used in the urethane process and sometimes used in the rubber process	FG-RUBBER, FG-URETHANE
EUPRESS7	Hydraulic press used in the rubber process	FG-RUBBER
EUPRESS8	Hydraulic press used in the rubber process	FG-RUBBER
EUPRESS9	Hydraulic press used in the rubber process	FG-RUBBER
EUPRESSHAND	Hand press used in the urethane process	FG-URETHANE
EUPRESSJF1	Rubber injection press used in the rubber process	FG-RUBBER
EUPRESSJF2	Rubber injection press used in the rubber process	FG-RUBBER
EUDEGAS1	Degasser with 6-inch column diameter	FG-URETHANE
EUDEGAS2	Degasser with 6-inch column diameter	FG-URETHANE
EUPOURMACHINE	Pouring machine with six degassing/holding tubs. Three tubs (A, B, and C) each have a 24-inch column diameter and three (D, E, and F) each have an 18-inch column diameter. Each tub can be degassed independently.	FG-URETHANE
EUOVEN1	Electric oven used for curing in the urethane process	FG-URETHANE
EUOVEN2	Electric oven used for curing in the urethane process	FG-URETHANE
EUOVEN3	Electric oven used for curing in the urethane process	FG-URETHANE
EUOVEN4	Electric oven used for curing in the urethane process	FG-URETHANE
EUOVEN5	Electric oven used for curing in the urethane process	FG-URETHANE
EUOVEN6	Electric oven used for curing in the urethane process	FG-URETHANE
EUOVEN7	Electric oven used for curing in the urethane process	FG-URETHANE
EUOVEN8	Electric oven used for curing in the urethane process	FG-URETHANE
EUOVEN9	Electric oven used for curing in the urethane process	FG-URETHANE
EUOVEN10	Electric oven used for curing in the urethane process	FG-URETHANE
EUOVEN11	Electric oven used for curing in the rubber process	FG-RUBBER
EUPREP	Adhesives/primer application work area	FGPREP
EUMILL3	Milling process/operation in the rubber process	FG-RUBBER
EULASERENGRAVE	Laser engraver	FG-MISC
EUPLASMACUTTER	Plasma cutter	FG-MISC
EUHOSESAWS	Two hose saws vented outside	FG-MISC

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 336.1291.

FLEXIBLE GROUP SPECIAL CONDITIONS

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-URETHANE	Polyurethane elastomer casting/molding process. Equipment includes electric ovens for curing and hydraulic presses.	EUPRESS5, EUPRESS6, EUPRESSHAND, EUDEGAS1, EUDEGAS2, EUPOURMACHINE, EUOVEN1, EUOVEN2, EUOVEN3, EUOVEN4, EUOVEN5, EUOVEN6, EUOVEN7, EUOVEN8, EUOVEN9, EUOVEN10, EUPREP
FG-RUBBER	Hydraulic electric presses used in both the compression molding process and the injection molding process. This flexible group also may contain electric oven(s) and milling operations.	EUPRESS1, EUPRESS2, EUPRESS3, EUPRESS4, EUPRESS5, EUPRESS6, EUPRESS7, EUPRESS8, EUPRESS9, EUPRESSJF1, EUPRESSJF2, EUOVEN11, EUMILL3
FG-PREP	Adhesives/primer application area consisting of workstations and stacks.	NA
FG-MISC	Miscellaneous equipment not exempt from the Permit to Install requirement: one laser engraver, one plasma cutter, and two hose saws	EULASERENGRAVE, EUPLASMACUTTER, EUHOSESAWS

FG-URETHANE
FLEXIBLE GROUP CONDITIONS

DESCRIPTION

Polyurethane elastomer casting/molding process. Equipment includes electric ovens for curing and hydraulic presses.

Emission Unit: EUPRESS5, EUPRESS6, EUPRESSHAND, EUDEGAS1, EUDEGAS2, EUPOURMACHINE, EUOVEN1, EUOVEN2, EUOVEN3, EUOVEN4, EUOVEN5, EUOVEN6, EUOVEN7, EUOVEN8, EUOVEN9, EUOVEN10, EUPREP

POLLUTION CONTROL EQUIPMENT

NA

I. EMISSION LIMIT(S)

Pollutant	Limit	Time Period / Operating Scenario	Equipment	Monitoring / Testing Method	Underlying Applicable Requirements
1. Toluene diisocyanate (TDI), all isomers	0.26 pound per month[1]	Calendar month	FG-URETHANE	SC VI.4	R 336.1225
The permittee shall use the following emission factors to calculate TDI emissions: • TDI (from degassers – standard prepolymer) .....1.0×10^{-6} lb/(hr*in^2) • TDI (from casting – standard prepolymer) .....1.2×10^{-5} pound per pound • TDI (from degassers – "TDI free" prepolymer).....1.0×10^{-7} lb/(hr*in^2) • TDI (from casting – "TDI free" prepolymer) .....1.2×10^{-6} pound per pound "Standard" prepolymer contains no more than 2.0% TDI (all isomers). "TDI free" prepolymer contains less than 0.2% TDI (all isomers).					

II. MATERIAL LIMIT(S)

Material	Limit	Time Period / Operating Scenario	Equipment	Monitoring / Testing Method	Underlying Applicable Requirements
1. Prepolymer: Andur ™ prepolymer or equivalent [A]	400,000 lbs per year	12-month rolling time period as determined at the end of each calendar month	FG-URETHANE	SC VI.2, VI.3	R 336.1225, R 336.1702(a)
2. Curative: Di-(methylthio) toluene-diamine (Curene ™ 107) or equivalent [B]	80,000 lbs per year	12-month rolling time period as determined at the end of each calendar month	FG-URETHANE	SC VI.2, VI.3	R 336.1225, R 336.1702(a)
[A] "Equivalent" for Andur ™ prepolymer is based on the total content of 2,4-toluene diisocyanate (CAS number 584-84-9) and 2,6-toluene diisocyanate (CAS number 91-08-7) and includes any prepolymer identified by the manufacturer as containing either 2,4-toluene diisocyanate or 2,6-toluene diisocyanate. "CAS number" refers to the Chemical Abstracts Registry Service number. [B] "Equivalent" for di-(methylthio) toluenediamine (Curene ™ 107) includes any curative containing di-(methylthio) toluenediamine (CAS number 106264-79-3).					

3. In FG-URETHANE, the permittee shall not use any prepolymer with a total TDI content, including all isomers, that exceeds 2.0%.[1] **(R 336.1225)**

III. PROCESS/OPERATIONAL RESTRICTION(S)

NA

IV. DESIGN/EQUIPMENT PARAMETER(S)

NA

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. The permittee shall complete all required monthly records 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 monitoring/recordkeeping special condition. **(R 336.1225, R 336.1702(a))**

2. The permittee shall maintain a current listing from the manufacturer of the chemical composition of each prepolymer material used in FG-URETHANE, including the weight percent of each component. The data may consist of 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 at the facility and make them available to the Department upon request. **(R 336.1225, R 336.1702(a))**

3. The permittee shall keep, in a manner satisfactory to the AQD District Supervisor, all monthly records of the amount, in pounds, of each prepolymer and each other raw material used in FG-URETHANE, as required by SC II.1 and II.2. The permittee shall keep these records on file at the facility and make them available to the Department upon request. **(R 336.1225, R 336.1702(a))**

4. The permittee shall calculate the TDI emission rate from FG-URETHANE monthly, 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.[1] **(R 336.1225)**

VII. REPORTING

NA

VIII. STACK/VENT RESTRICTION(S)

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-URETHANE1 (DeGas 1&2, Ovens1-4)	10	15	R 336.1225, 40 CFR 52.21(c)&(d)
2. SV-URETHANE3 (Oven 9)	8	15	R 336.1225, 40 CFR 52.21(c)&(d)
3. SV-SHARED (Presses 5&6, Ovens 5-8, Pour machine, Press hand)	18	15	R 336.1225, 40 CFR 52.21(c)&(d)
* These vents are not required to discharge unobstructed vertically upwards. They all may discharge horizontally from the building with rain protection that obstructs flow.			

IX. OTHER REQUIREMENT(S)

NA

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

FG-RUBBER
FLEXIBLE GROUP CONDITIONS

DESCRIPTION

Hydraulic electric presses used in both the compression molding process and the injection molding process. This flexible group also may contain electric oven(s) and milling operations.

Emission Unit: EUPRESS1, EUPRESS2, EUPRESS3, EUPRESS4, EUPRESS5, EUPRESS6, EUPRESS7, EUPRESS8, EUPRESS9, EUPRESSJF1, EUPRESSJF2, EUOVEN11, EUMILL3

POLLUTION CONTROL EQUIPMENT

NA

I. EMISSION LIMIT(S)

NA

II. MATERIAL LIMIT(S)

Material	Limit	Time Period / Operating Scenario	Equipment	Monitoring / Testing Method	Underlying Applicable Requirements
1. Rubber raw material	30 tons per year	12-month rolling time period as determined at the end of each calendar month	FG-RUBBER	SC VI.3	R 336.1225, R 336.1702(a)

III. PROCESS/OPERATIONAL RESTRICTION(S)

NA

IV. DESIGN/EQUIPMENT PARAMETER(S)

NA

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. The permittee shall complete all required monthly records 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 monitoring/recordkeeping special condition. **(R 336.1225, R 336.1702(a))**

2. The permittee shall maintain a current listing from the manufacturer of the chemical composition of each rubber raw material used in FG-RUBBER, including the weight percent of each component. The data may consist of 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 at the facility and make them available to the Department upon request. **(R 336.1225, R 336.1702(a))**

3. The permittee shall keep, in a satisfactory manner, all monthly and 12-month rolling time period records of the amount, in pounds, of rubber raw materials used in FG-RUBBER, as required by SC II.1. The permittee shall keep these records on file at the facility and make them available to the Department upon request. **(R 336.1225, R 336.1702(a))**

VII. REPORTING

NA

VIII. STACK/VENT RESTRICTION(S)

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-RUBBER (Presses 1-4 & 7-9, Press JF1&2, Oven 11)	18	15	R 336.1225, 40 CFR 52.21(c)&(d)
2. SV-SHARED (Presses 5&6, Ovens 5-8, Pour machine, Press hand) **	18	15	R 336.1225, 40 CFR 52.21(c)&(d)
* This vent is not required to discharge unobstructed vertically upwards. It may discharge horizontally from the building with rain protection that obstructs flow. ** Only EUPRESS5 and EUPRESS6 are part of FG-RUBBER.			

IX. OTHER REQUIREMENT(S)

NA

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

FG-PREP
FLEXIBLE GROUP CONDITIONS

DESCRIPTION

Adhesives/primer application area consisting of workstations and stacks.

Emission Unit: NA

POLLUTION CONTROL EQUIPMENT

NA

I. EMISSION LIMIT(S)

NA

II. MATERIAL LIMIT(S)

NA

III. PROCESS/OPERATIONAL RESTRICTION(S)

NA

IV. DESIGN/EQUIPMENT PARAMETER(S)

NA

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. 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 monitoring/recordkeeping special condition. **(R 336.1225, R 336.1702(a))**

2. The permittee shall keep, in a satisfactory manner, annual records of the gallons of primers, coatings and/or other materials used in FG-PREP. The permittee shall keep these records on file at the facility and make them available to the Department upon request. In the event that more than 200 gallons of primers and/or other coatings are used per year in FG-PREP, the permittee shall begin keeping these records on a monthly basis. **(R 336.1225, R 336.1702(a))**

3. The permittee shall keep, in a satisfactory manner, annual records of the gallons of adhesives used in FG-PREP. The permittee shall keep these records on file at the facility and make them available to the Department upon request. In the event that more than 25 gallons of adhesives are used per year in FG-PREP, the permittee shall begin keeping these records on a monthly basis. **(R 336.1225, R 336.1702(a))**

VII. REPORTING

NA

VIII. STACK/VENT RESTRICTION(S)

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-PREP (EUPREP)	12	15	R 336.1225, 40 CFR 52.21(c)&(d)
* This vent is not required to discharge unobstructed vertically upwards. It may discharge horizontally from the building with rain protection that obstructs flow.			

IX. OTHER REQUIREMENT(S)

NA

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

FG-MISC
FLEXIBLE GROUP CONDITIONS

DESCRIPTION

Miscellaneous equipment not exempt from the Permit to Install requirement: one laser engraver, one plasma cutter, and two hose saws.

Emission Unit: EULASERENGRAVE, EUPLASMACUTTER, EUHOSESAWS

POLLUTION CONTROL EQUIPMENT

NA

I. EMISSION LIMIT(S)

NA

II. MATERIAL LIMIT(S)

NA

III. PROCESS/OPERATIONAL RESTRICTION(S)

1. The permittee shall not operate EULASERENGRAVE for more than 20 hours per month.[1] **(R 336.1225)**

2. The permittee shall not operate EUPLASMACUTTER for more than 10 hours per month.[1] **(R 336.1225)**

3. The permittee shall not operate EUHOSESAWS for more than 100 hours per month.[1] **(R 336.1225)**

IV. DESIGN/EQUIPMENT PARAMETER(S)

NA

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. 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 monitoring/recordkeeping special condition.[1] **(R 336.1225)**

2. The permittee shall keep, in a manner satisfactory to the AQD District Supervisor, monthly records of the hours EULASERENGRAVE is operated. The permittee shall keep these records on file at the facility and make them available to the Department upon request.[1] **(R 336.1225)**

3. The permittee shall keep, in a manner satisfactory to the AQD District Supervisor, monthly records of the hours EUPLASMACUTTER is operated. The permittee shall keep these records on file at the facility and make them available to the Department upon request.[1] **(R 336.1225)**

4. The permittee shall keep, in a manner satisfactory to the AQD District Supervisor, monthly records of the hours EUHOSESAWS is operated. The permittee shall keep these records on file at the facility and make them available to the Department upon request.[1] **(R 336.1225)**

5. The permittee shall keep, in a manner satisfactory to the AQD District Supervisor, complete composition information for all materials processed in EULASERENGRAVE. The permittee shall keep these records on file at the facility and make them available to the Department upon request.[1] **(R 336.1225)**

VII. REPORTING

NA

VIII. STACK/VENT RESTRICTION(S)

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-MISC (paint booth and laser engraver) **	36	15	R 336.1225, 40 CFR 52.21(c)&(d)
* This vent is not required to discharge unobstructed vertically upwards. It may have rain protection that obstructs flow.			
** Only EULASERENGRAVE is part of FG-MISC.			

IX. OTHER REQUIREMENT(S)

NA

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