SACRAMENTO METROPOLITAN AIR QUALITY MANAGEMENT DISTRICT

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_____ ANNUAL REPORT – FIBERGLASS MFG PROCESS

(enter year here)

Company Name: _____ **Permit #:** _____

Facility Address: _____

Facility Contact: _____ Facility Contact Title: _____

Phone Number: _____ E-Mail: _____

Instructions:

- List monthly activity.
- List **all** resins, solvents, even exempt solvents (i.e., acetone and aqueous cleaners) and throughputs.
- Provide data on other operations associated fiberglass manufacturing process.

MONTHLY ACTIVITY:											
Uniform:_____ or indicate % activity below for each month. *(Total monthly activity should add up to 100% for the year)*											
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

1. USE OF STYRENE RESIN FOR OPEN MOLDING OF COMPOSITES

List the amount of resin and gelcoat used this year in gallons, with density in lbs./gal, or by weight, in lbs.:

Resin Type	Process: manual (M) spray (S) or controlled spray(CS)	VSR[1] ? Yes / No	Closed mold curing with roll out? Yes/No	Closed mold curing without roll out? Yes/No	Styrene content in resin (% by weight)	Methyl Methacrylate (MMA) content in resin (% by weight)	Amount resin processed : Circle gallons or lbs	Resin density lbs/gal	Emission factor, if known, lb VOC/ton resin[2]
Resin:									
Filament:									
Gelcoat:									

[1] *VSR refers to the use of vapor suppressed resin.*

[2] *If known, give the unified emission factor for volatile organic compounds (VOC) from the American Composites Manufacturers Association or EPA's hazardous air pollutant emission factor.*

USE OF STYRENE RESIN FOR OPEN MOLDING OF COMPOSITES (additional page)

List amount of resin and gelcoat used this year in gallons, with density in lbs./gal, or by weight, in lbs.:

Resin Type	Process: manual (M) spray (S) or controlled spray(CS)	VSR[1] ? Yes / No	Closed mold curing with roll out? Yes/No	Closed mold curing without roll out? Yes/No	Styrene content in resin (% by weight)	Methyl Methacrylate (MMA) content in resin (% by weight)	Amount resin processed : Circle gallons or lbs.	Resin density lbs/gal	Emission factor, if known, lb. VOC/ton resin[2]
Resin:									
Filament:									
Gelcoat:									

USE OF STYRENE RESIN FOR OPEN MOLDING OF COMPOSITES (additional page)

List the amount of resin and gelcoat used this year in gallons, with density in lbs./gal, or by weight, in lbs.:

Resin Type	Process: manual (M) spray (S) or controlled spray(CS)	VSR[1] ? Yes / No	Closed mold curing with roll out? Yes/No	Closed mold curing without roll out? Yes/No	Styrene content in resin (% by weight)	Methyl Methacrylate (MMA) content in resin (% by weight)	Amount resin processed: Circle gallons or lbs	Resin density lbs/gal	Emission factor, if known, lb VOC/ton resin[2]
Gelcoat (continued):									

[1] *VSR refers to the use of vapor suppressed resin.*

[2] *If known, give the unified emission factor for volatile organic compounds (VOC) from the American Composites Manufacturers Association or EPA's hazardous air pollutant emission factor.*

2. OTHER COMPOSITE MOLDING PROCESSES:

Describe each additional molding process and list the type of resin and amount used.

A. Describe the molding process:

_____

_____.

List the amount and type of resin used this year for this molding process in gallons, with density in lbs./gal, or by weight, in lbs.:

Resin Type	Amount resin processed, circle: gallons or lbs.	Resin density lbs./gal	Type of monomer solvent (e.g., methyl methacrylate)	Solvent content of resin, % by weight	Emission factor (if known), lb. VOC*/ton resin processed

** VOC is volatile organic compound.*

B. Describe molding process:

_____

_____.

List the amount and type of resin used this year for this molding process in gallons, with density in lbs/gal, or by weight, in lbs.:

Resin Type	Amount resin processed, circle: gallons or lbs.	Resin density lbs./gal	Type of monomer solvent (e.g., methyl methacrylate)	Solvent content of resin, % by weight	Emission factor (if known), lb. VOC*/ton resin processed

**VOC is volatile organic compounds.*

3. USE OF SOLVENTS AND CLEANING PRODUCTS

A. List the manufacturer's name for each solvent and cleaning product used this year.

_____

_____

B. In the table below, list the types and quantities of all solvents and cleaning products used this year and the VOC* content of each:

Solvents and Cleaning Products	VOC* Content (lbs./gal) Includes water and exempt solvent	Water-Based (W) or Solvent-Based (S)?	Volume used (gal/year)		
			Thinning	Surface Preparation	Equipment Cleanup

**VOC content is lbs. volatile organic compounds (VOC), including reducers, retarders, thinners, and catalysts, per gallon of material, including water and exempt solvents. If you cannot determine VOC content of the product, please include a copy of its product data sheet or Safety Data Sheet (SDS) with this survey.*

4. USE OF COATING AND ADHESIVE PRODUCTS

A. Types of articles coated:

Metal:☐ Wood:☐ Plastic:☐ Other (Specify):

_____

B. Check the types of spray equipment used at your facility:
HVLP:☐ Electrostatic:☐ Air Assist:☐ Airless: ☐ Other (Specify):
_____

C. Number of paint spray booths at your facility: _____

D. Disposition of sprayed items: Air Dried:☐ Force Dried:☐
If force dried: Electric:☐ Natural Gas:☐ Usage: _____ therms/yr.

E. Do you use an enclosed gun cleaner for application equipment cleanup? _____

F. List the manufacturer's name for each coating and adhesive used in 2021:
_____
_____.

G. List the types and quantities of all coatings (i.e., topcoats, sealers, primers, etc.) applied during the calendar year this year and the VOC* content 'as applied' in pounds of VOC per gallon of product.

Type of Coating	**VOC* Content (lbs/gal) Includes water and exempt solvent**	**Volume Applied (gal/yr)**	**Water-Based (W), Solvent-Based (S), or Powder (P)?**

H. List the types and quantities of all adhesives and sealants applied this year and the VOC* content 'as applied' in pounds of VOC per gallon of product applied.

Type of Adhesives and Sealants	**VOC* Content (lbs/gal) Includes water and exempt solvent**	**Volume Applied (gal/yr)**	**Water-Based (W) or Solvent-Based (S)?**

**VOC content is lbs. volatile organic compounds (VOC), including reducers, retarders, thinners, and catalysts, per gallon of material, including water and exempt solvents. If you cannot determine VOC content of the product, please include a copy of its Safety Data Sheet (SDS) with this survey.*

5. AIR POLLUTION CONTROL SYSTEMS, SOURCE TESTS, EQUIPMENT FAILURE

A. Were emissions from any of the above processes reduced by an air pollution control system? (YES/NO) _____
If yes, give the date of the most recent source test on the control system: _____
Percent Control Efficiency: ____ %

B. Have any other emission source tests been conducted at your facility? (YES/NO) _____
Date of the last source test: _____.

Please provide a summary of the test results.

C. Was there any equipment failure or unusual event which resulted in excess emissions this year? (YES/NO) _____
If YES, what percentage of operations that should have been controlled this year was uncontrolled?_____ %

Any information presented must be true and correct to the best of your knowledge. California Health and Safety Code 42400.3.5 and 42402.4 establish separate criminal and civil penalties for any person who, knowingly and with intent to deceive, falsifies any document required to be kept pursuant to any rule, regulation, permit, or order from the Sacramento Metropolitan Air Quality Management District. By signing below, I certify that all information is true and accurate and complete to the best of my knowledge and ability.

Name: _____Signature: _____ Date: _____