

Facility ID: 0204010265 Issuance type: Title V Proposed Permit

This version of facility specific terms and conditions was converted from a database format to an HTML file during an upgrade of the Ohio EPA, Division of Air Pollution Control's permitting software. Every attempt has been made to convert the terms and conditions to look and substantively conform to the permit issued or being drafted in STARS. However, the format of the terms may vary slightly from the original. In addition, although it is not expected, there is a slight possibility that a term and condition may have been inadvertently "left out" of this reproduction during the conversion process. Therefore, if this version is to be used as a starting point in drafting a new version of a permit, it is imperative that the entire set of terms and conditions be reviewed to ensure they substantively mimic the issued permit. The official version of any permit issued final by Ohio EPA is kept in the Agency's Legal section. The Legal section may be contacted at (614) 644-3037.

In addition to the terms and conditions, hyperlinks have been inserted into the document so you may more readily access the section of the document you wish to review.

Finally, the term language under "Part III" and before "I. Applicable Emissions Limitations..." has been added to aid in document conversion, and was not part of the original issued permit.

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Part II - Specific Facility Terms and Conditions

a State and Federally Enforceable Section

1. None

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b State Only Enforceable Section

1. The following insignificant emissions units are located at this facility:

Z001 - Forced drying oven for painted plastic parts.
T001 - Tank No. 1, a 3333 gallon capacity above ground storage tank for polyester resin.
T002 - Tank No. 2, a 3333 gallon capacity above ground storage tank for polyester resin.

Each insignificant emissions unit at this facility must comply with all applicable State and federal regulations, as well as any emission limitations and/or control requirements contained within a Permit to Install for the emissions unit.

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 0204010265 Emissions Unit ID: P001 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Old Sheet Molding Compound (SMC) Machine with a maximum production capacity of 3,100 lbs per hour. SMC paste and chopped fiber glass roving are cast onto a continuous nylon carrier film and are then covered by a nylon film for later use in the FRP molding presses.	OAC rule 3745-21-07(G)(2)	No more than 8.0 lbs/hr and 40.0 lbs/day of organic compounds.

2. Additional Terms and Conditions

- a. All of the SMC paste materials employed in this emissions unit are photochemically reactive materials as defined in OAC rule 3745-21-01.
- b. The permittee shall not employ any cleanup solvents in this emissions unit that are photochemically reactive materials, as defined in OAC rule 3745-21-01.

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II. Operational Restrictions

1. None

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III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each day for the old SMC Machine operation:
 - a. The number of pounds of each SMC paste material employed.
 - b. The organic compound content of each SMC paste, in percent, by weight.
 - c. The total organic compound emission rate from the operation of the old SMC machine, in pounds per day.
 - d. The total number of hours the emissions unit was in operation.
 - e. The average hourly organic compound emission rate from the operation of the old SMC machine, i.e., c/d, in pounds per hour (average).

[Note: The SMC paste information must be for the SMC paste as employed, including any thinning solvents

or styrene monomer added at the emissions unit.]

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IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which include the following information:
 - a. An identification of each day during which the average hourly organic compound emissions from the old SMC machine exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day.
 - b. An identification of each day during which the organic compound emissions from the old SMC machine exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

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V. Testing Requirements

1. Compliance with the emission limitations in Section A.I. of these terms and conditions shall be determined in accordance with the following methods:

The total organic compound emission rate shall be determined by multiplying the total weight of SMC paste employed per day by the organic compound content of the SMC paste, by weight, and then multiplying by the 2.0% emission factor. (The 2.0% emission factor is from AP-42 Section 6.4.1 and is for solvent evaporative losses from paint manufacturing, the most analogous process for which there is a published emission factor.)

Formulation data or USEPA method 24 shall be used to determine the organic compound contents of the SMC paste.

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VI. Miscellaneous Requirements

1. None

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Facility ID: 0204010265 Emissions Unit ID: P001 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
2. Additional Terms and Conditions		
1. None		

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II. Operational Restrictions

1. None

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III. **Monitoring and/or Record Keeping Requirements**

- 1. None

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IV. **Reporting Requirements**

- 1. None

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V. **Testing Requirements**

- 1. None

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VI. **Miscellaneous Requirements**

- 1. None

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 0204010265 Emissions Unit ID: P002 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

- 1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Sheet Molding Compound (SMC) paste and Bulk Molding Compound (BMC) mixing operation with a maximum production capacity of 3,100 lbs per hour. Including 1 Baker-Perkins, 2 Hockmeyer and 1 Cowles mixers for portable batch tanks.	OAC rule 3745-21-07(G)(2)	No more than 8.0 lbs/hr and 40.0 lbs/day of organic compounds.

2. **Additional Terms and Conditions**

- a. All of the SMC paste and BMC materials employed in this emissions unit are photochemically reactive materials as defined in OAC rule 3745-21-01.
- b. The permittee shall not employ any cleanup solvents in this emissions unit that are photochemically reactive materials, as defined in OAC rule 3745-21-01.

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II. **Operational Restrictions**

- 1. None

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III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each day for the SMC paste and BMC mixing operation:
 - a. The number of pounds of each SMC paste and BMC material mixed or employed.
 - b. The organic compound content of each SMC paste and BMC material, in percent, by weight.
 - c. The total organic compound emission rate from the SMC paste and BMC material mixing operation, in pounds per day.
 - d. The total number of hours the emissions unit was in operation.
 - e. The average hourly organic compound emission rate from the SMC paste and BMC material mixing operation, i.e., c/d, in pounds per hour (average).

[Note: The SMC paste and BMC material information must be for said materials as employed per batch, including any thinning solvents or styrene monomer added at the emissions unit.]

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IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which include the following information:
 - a. An identification of each day during which the average hourly organic compound emissions from the SMC paste and BMC material mixing operation exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day.
 - b. An identification of each day during which the organic compound emissions from the SMC paste and BMC material mixing operation exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

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V. Testing Requirements

1. Compliance with the emission limitations in Section A.I. of these terms and conditions shall be determined in accordance with the following methods:

The total organic compound emission rate shall be determined by multiplying the total weight of SMC paste and BMC material employed per day by the organic compound content of the material mixed, by weight, and then multiplying by the 2.0% emission factor. (The 2.0% emission factor is from AP-42 Section 6.4.1 and is for solvent evaporative losses from paint manufacturing, the most analogous process for which there is a published emission factor.)

Formulation data or USEPA method 24 shall be used to determine the organic compound contents of the SMC paste and BMC material.

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VI. Miscellaneous Requirements

1. None

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B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the

applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

	<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
2. Additional Terms and Conditions			
1.	None		

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II. **Operational Restrictions**

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III. **Monitoring and/or Record Keeping Requirements**

- 1. None

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IV. **Reporting Requirements**

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V. **Testing Requirements**

- 1. None

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VI. **Miscellaneous Requirements**

- 1. None

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 0204010265 Emissions Unit ID: P003 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

- 1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Eleven closed molding presses to produce fiberglass reinforced plastic (FRP) parts from sheet molding compound (SMC) and bulk molding compound (BMC) materials, with a maximum production capacity of 1,450 lbs per hour.	OAC rule 3745-21-07(G)(2)	No more than 8.0 lbs/hr and 40.0 lbs/day of organic compounds.

2. Additional Terms and Conditions

- a. All of the SMC and BMC materials employed in this emissions unit are photochemically reactive materials as defined in OAC rule 3745-21-01.
- b. The permittee shall not employ any cleanup solvents in this emissions unit that are photochemically reactive materials, as defined in OAC rule 3745-21-01.

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II. Operational Restrictions

1. None

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III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each day that the closed molding FRP presses are in operation:
 - a. The number of pounds of each SMC and BMC material employed.
 - b. The organic compound content of each SMC and BMC material employed, in percent, by weight.
 - c. The total organic compound emission rate resulting from the operation of the 11 closed molding presses, in pounds per day.
 - d. The total number of hours the emissions unit was in operation.
 - e. The average hourly organic compound emission rate from all the SMC and BMC materials employed, i.e., c/d, in pounds per hour average).

[Note: The SMC and BMC material information must be for said materials as employed per batch, including any thinning solvents or styrene monomer added at the emissions units.]

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IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which include the following information:
 - a. An identification of each day during which the average hourly organic compound emissions resulting from the operation of the 11 closed molding FRP presses exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day.
 - b. An identification of each day during which the organic compound emissions resulting from the operation of the 11 closed molding FRP presses exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

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V. Testing Requirements

1. Compliance with the emission limitations in Section A.I. of these terms and conditions shall be determined in accordance with the following methods:

The total organic compound emission rate shall be determined by multiplying the total weight of SMC and BMC materials employed per day by the organic compound content of the material mixed, by weight, and then multiplying by the 1.0% emission factor. (The 1.0% emission factor is from AP-42 Section 4.4, Table 4.4-2 for closed molding FRP processes using polyester resin.)

Formulation data or USEPA method 24 shall be used to determine the organic compound contents of the SMC and BMC materials.

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VI. Miscellaneous Requirements

1. None

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Facility ID: 0204010265 Emissions Unit ID: P003 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
2. Additional Terms and Conditions		
1. None		

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II. Operational Restrictions

1. None

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III. Monitoring and/or Record Keeping Requirements

1. None

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IV. Reporting Requirements

1. None

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V. Testing Requirements

1. None

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VI. Miscellaneous Requirements

1. None

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Facility ID: 0204010265 Emissions Unit ID: P004 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
New Sheet Molding Compound (SMC) Machine with a maximum production capacity of 1,800 lbs per hour. SMC paste and chopped fiber glass roving are cast onto a continuous nylon carrier film and are then covered by a nylon film for later use in the FRP molding presses.	OAC rule 3745-21-07(G)(2)	No more than 8.0 lbs/hr and 40.0 lbs/day of organic compounds.

2. **Additional Terms and Conditions**

- a. All of the SMC paste materials employed in this emissions unit are photochemically reactive materials as defined in OAC rule 3745-21-01.
- b. The permittee shall not employ any cleanup solvents in this emissions unit that are photochemically reactive materials, as defined in OAC rule 3745-21-01.

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall collect and record the following information for each day for the new SMC Machine operation:
 - a. The number of pounds of each SMC paste material employed.
 - b. The organic compound content of each SMC paste, in percent, by weight.
 - c. The total organic compound emission rate from the operation of the new SMC machine, in pounds per day.
 - d. The total number of hours the emissions unit was in operation.
 - e. The average hourly organic compound emission rate from the operation of the new SMC machine, i.e., c/d, in pounds per hour (average).

[Note: The SMC paste information must be for the SMC paste as employed, including any thinning solvents or styrene monomer added at the emissions unit.]

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IV. **Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
 - a. An identification of each day during which the average hourly organic compound emissions from the new SMC machine exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day.
 - b. An identification of each day during which the organic compound emissions from the new SMC machine exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

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V. **Testing Requirements**

1. Compliance with the emission limitations in Section A.I. of these terms and conditions shall be determined in accordance with the following methods:

The total organic compound emission rate shall be determined by multiplying the total weight of SMC paste employed per day by the organic compound content of the SMC paste, by weight, and then multiplying by the 2.0% emission factor. (The 2.0% emission factor is from AP-42 Section 6.4.1 and is for solvent evaporative losses from paint manufacturing, the most analogous process for which there is a published

emission factor.)

Formulation data or USEPA method 24 shall be used to determine the organic compound contents of the SMC paste.

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VI. **Miscellaneous Requirements**

- 1. None

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Facility ID: 0204010265 Emissions Unit ID: P004 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

- 1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

	<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
2. Additional Terms and Conditions			
1.	None		

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II. **Operational Restrictions**

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III. **Monitoring and/or Record Keeping Requirements**

- 1. None

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IV. **Reporting Requirements**

- 1. None

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V. **Testing Requirements**

- 1. None

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VI. **Miscellaneous Requirements**

- 1. None

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Facility ID: 0204010265 Emissions Unit ID: P005 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Bulk Molding Compound (BMC) mixing operation with a maximum capacity of 610 lbs. per hour.	OAC rule 3745-21-07(G)(2)	No more than 8.0 lbs/hr and 40.0 lbs/day of organic compounds.
2. Additional Terms and Conditions		
a. All of the BMC materials employed in this emissions unit are photochemically reactive materials as defined in OAC rule 3745-21-01.		
b. The permittee shall not employ any cleanup solvents in this emissions unit that are photochemically reactive materials, as defined in OAC rule 3745-21-01.		

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II. Operational Restrictions

1. None

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III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each day for the BMC mixing operation:
 - a. The number of pounds of each BMC material mixed or employed.
 - b. The organic compound content of each BMC material, in percent, by weight.
 - c. The total organic compound emission rate from the BMC material mixing operation, in pounds per day.
 - d. The total number of hours the emissions unit was in operation.
 - e. The average hourly organic compound emission rate from the BMC material mixing operation, i.e., c/d, in pounds per hour (average).

[Note: The BMC material information must be for said materials as employed per batch, including any thinning solvents or styrene monomer added at the emissions unit.]

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IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which include the following information:
 - a. An identification of each day during which the average hourly organic compound emissions from BMC material mixing operation exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day.
 - b. An identification of each day during which the organic compound emissions from the BMC material mixing operation exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

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V. **Testing Requirements**

1. Compliance with the emission limitations in Section A.I. of these terms and conditions shall be determined in accordance with the following methods:

The total organic compound emission rate shall be determined by multiplying the total weight of BMC material employed per day by the organic compound content of the material mixed, by weight, and then multiplying by the 2.0% emission factor. (The 2.0% emission factor is from AP-42 Section 6.4.1 and is for solvent evaporative losses from paint manufacturing, the most analogous process for which there is a published emission factor.)

Formulation data or USEPA method 24 shall be used to determine the organic compound contents of the BMC materials.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0204010265 Emissions Unit ID: P005 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

	<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
2. Additional Terms and Conditions			
1.	None		

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 0204010265 Emissions Unit ID: P006 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Bulk Molding Compound (BMC) mixing operation with a maximum capacity of 1,200 lbs. per hour.	OAC rule 3745-21-07(G)(2)	No more than 8.0 lbs/hr and 40.0 lbs/day of organic compounds.

2. **Additional Terms and Conditions**

- a. All of the BMC materials employed in this emissions unit are photochemically reactive materials as defined in OAC rule 3745-21-01.
- b. The permittee shall not employ any cleanup solvents in this emissions unit that are photochemically reactive materials, as defined in OAC rule 3745-21-01.

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall collect and record the following information for each day for the BMC mixing operation:
 - a. The number of pounds of each BMC material mixed or employed.
 - b. The organic compound content of each BMC material, in percent, by weight.
 - c. The total organic compound emission rate from the BMC material mixing operation, in pounds per day.
 - d. The total number of hours the emissions unit was in operation.
 - e. The average hourly organic compound emission rate from the from the BMC material mixing operation, i.e., c/d, in pounds per hour (average).

[Note: The BMC material information must be for said materials as employed per batch, including any thinning solvents or styrene monomer added at the emissions unit.]

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IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which include the following information:
 - a. An identification of each day during which the average hourly organic compound emissions from BMC material mixing operation exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day.
 - b. An identification of each day during which the organic compound emissions from the BMC material mixing operation exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

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V. Testing Requirements

1. Compliance with the emission limitations in Section A.I. of these terms and conditions shall be determined in accordance with the following methods:

The total organic compound emission rate shall be determined by multiplying the total weight of BMC material employed per day by the organic compound content of the material mixed, by weight, and then multiplying by the 2.0% emission factor. (The 2.0% emission factor is from AP-42 Section 6.4.1 and is for solvent evaporative losses from paint manufacturing, the most analogous process for which there is a published emission factor.)

Formulation data or USEPA method 24 shall be used to determine the organic compound contents of the BMC materials.

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VI. Miscellaneous Requirements

1. None

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Facility ID: 0204010265 Emissions Unit ID: P006 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Bulk Molding Compound (BMC) mixing operation with a maximum capacity of 1,200 lbs. per hour.	PTI 02-0566 OAC rule 3745-31-05	Process Emissions-photochemically reactive organic compounds: 2.64 lbs/hr, 40 lbs/day, and 7.3 tons per year. Cleanup Emissions-organic compounds: 2.4 lbs/hr, 19.2 lbs/day, and 3.51 tons per year.

2. Additional Terms and Conditions

1. None

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II. Operational Restrictions

1. None

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III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each day for the BMC mixing operation:
 - a. The company identification of each cleanup solvent employed.
 - b. The number of hours the mixer was cleaned per day.
 - c. The total organic compound emission rate from the mixer cleanup operation, in pounds per day.

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IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which identify each day during which the organic compound emissions from the mixer cleanup operation exceeded 19.2 pounds per day, and the actual organic compound emissions for each such day.

The permittee shall also submit annual reports which specify the total organic compound emissions from the mixer cleanup operation for the previous calendar year. These reports shall be submitted by January 31 of each year.
2. The permittee shall submit deviation (excursion) reports which include the following information:
 - a. An identification of each day during which the average hourly organic compound process emissions from BMC material mixing average hourly organic compound emissions for each such day.
 - b. An identification of each day during which the organic compound emissions from the BMC material mixing operation exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

The permittee shall also submit annual reports which specify the total organic compound emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

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V. Testing Requirements

1. Compliance with the emission limitations of 2.64 lbs/hr and 40 lbs/day of organic compounds emissions shall be based upon the record keeping requirements specified in Section A.III of these terms and conditions.
2. Compliance with the cleanup emission limitations of 2.4 lbs/hr and 19.2 lbs/day in Section B.I. of these terms and conditions shall be determined in accordance with the following methods:

The total organic compound emission rate shall be determined by multiplying Zehrco's emission factor of 2.4 lbs per hour of evaporative emissions resulting from mixer cleanup by the number of hours per day that cleanup operations occurred.

Formulation data or USEPA method 24 shall be used to determine the organic compound contents of the mixer cleanup solvent materials.

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VI. Miscellaneous Requirements

1. None

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 0204010265 Emissions Unit ID: R001 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Despatch 4-compartment paint spray booth with replacement filters used to coat molded fiberglass reinforced plastic (FRP) parts. Currently only nonphotochemically reactive coating formulations are employed.	OAC rule 3745-21-07(G)(2)	No more than 8.0 lbs/hr and 40.0 lbs/day of organic compounds.
	OAC rule 3745-17-07	Visible particulate matter emissions shall not exceed 20% opacity as a six-minute average, except as provided by rule
	OAC rule 3745-17-11	Emissions of particulate matter shall not exceed .551 pounds per hour

2. Additional Terms and Conditions

- a. The permittee shall not employ any cleanup solvents in this emissions unit that are photochemically reactive materials, as defined in OAC rule 3745-21-01.

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II. Operational Restrictions

1. None

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III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each day for the coating operation:
 - a. The company identification for each coating and photochemically reactive cleanup material employed.
 - b. The number of gallons of each coating and photochemically reactive cleanup material employed.
 - c. The organic compound content of each coating and photochemically reactive cleanup material, in pounds per gallon.
 - d. For each day during which a photochemically reactive material is employed, the total organic compound emission rate for all coatings and photochemically reactive cleanup materials, in pounds per day.
 - e. For each day during which a photochemically reactive material is employed, the total number of hours the emissions unit was in operation.
 - f. For each day during which a photochemically reactive material is employed, the average hourly organic compound emission rate for all coatings and photochemically reactive cleanup materials, i.e., d/e, in pounds per hour (average).

[Note: The coating information must be for the coatings as employed, including any thinning solvents added at the emissions unit. Also, the definitions of "photochemically reactive" and "nonphotochemically reactive" are based upon OAC rule 3745-21-01(C)(5).]
2. The permittee shall perform monthly checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
 - a. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
 - d. the total duration of any visible emission incident; and
 - e. any corrective actions taken to eliminate the visible emissions.

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IV. **Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which include the following information:
 - a. For the days during which a photochemically reactive material was employed, an identification of each day during which the average hourly organic compound emissions from the coatings and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly organic compound emissions for each such day .
 - b. For the days during which a photochemically reactive material was employed, an identification of each day during which the organic compound emissions from the coatings and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.
2. The permittee shall submit semiannual written reports which (a) identify all days during which any visible particulate emissions were observed from the stack serving this emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) by January 31 and July 31 of each year and shall cover the previous 6-month period.

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V. **Testing Requirements**

1. Compliance with the organic compounds emission limitations in Section A.I. of these terms and conditions shall be determined in accordance with the following methods:

Daily recordkeeping of coating usage, organic compound content of each coating, operating hours, and hourly and daily emission rates shall be maintained. Formulation data or USEPA method 24 shall be used to determine the organic compound contents of the coatings and cleanup materials.
2. Compliance with the visible emission limitation shall be determined by using U.S. EPA method 9, if required by the Ohio EPA.
3. Compliance with the particulate matter emission limitation of .551 pounds per hour shall be determined in accordance with OAC rule 3745-17-03(B)(10). No testing is specifically required by this permit but, if appropriate, may be required pursuant to OAC rule 3745-15-04(A). Such testing may be required at opacity levels less than those required by the visible emissions limit in Section A.I.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0204010265 Emissions Unit ID: R001 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

- | <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|---|--------------------------------------|--|
| 2. Additional Terms and Conditions | | |
| 1. None | | |

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None