Attention:

Custom Marble, Inc.
Attn: Larry Kraft, President
850 South Mulberry Street
Millstadt, Illinois 62260

State of Illinois

CLEAN AIR ACT PERMIT PROGRAM (CAAPP) PERMIT

Source:

Custom Marble, Inc.
850 South Mulberry Street
Millstadt, Illinois 62260

I.D. No.: 163085AAH
Permit No.: 95120154

Permitting Authority:

Illinois Environmental Protection Agency
Bureau of Air, Permit Section
217/785-1705

CLEAN AIR ACT PERMIT PROGRAM (CAAPP) PERMIT

Type of Application:	Renewal
Purpose of Application:	Renew Existing CAAPP Permit for 5 Years
ID No.:	163085AAH
Permit No.:	95120154
Statement of Basis No.:	95120154-2013/02
Date Application Received:	October 22, 2008
Date Issued:	August 29, 2013
Expiration Date:	August 29, 2018
Renewal Submittal Date:	9 Months Prior to August 29, 2018
Source Name:	Custom Marble, Inc.
Address:	850 South Mulberry Street
City:	Millstadt
County:	St. Claire
ZIP Code:	62260

This permit is hereby granted to the above-designated source authorizing operation in accordance with this CAAPP permit, pursuant to the above referenced application. This source is subject to the conditions contained herein. For further information on the source see Section 1 and for further discussion on the effectiveness of this permit see Condition 2.3(g).

If you have any questions concerning this permit, please contact Michael Davidson at 217/785-1705.

Robert W. Bernoteit
Acting Manager, Permit Section
Division of Air Pollution Control

RWB:MTR:MED:psj

cc: IEPA, Permit Section
IEPA, FOS, Region 3

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Section 1 – Source Information

1. Addresses

Source

Custom Marble, Inc.
850 South Mulberry
Millstadt, Illinois 62260

Owner

Custom Marble, Inc.
850 South Mulberry
Millstadt, Illinois 62260

Operator

Custom Marble, Inc.
850 South Mulberry
Millstadt, Illinois 62260

Permittee

The Owner and Operator of the source as identified in this table.

2. Contacts

Certified Officials

The source shall submit an Administrative Permit Amendment for any change in the Certified Officials, pursuant to Section 39.5(13) of the Act.

	Name	*Title*
Responsible Official	Larry Kraft	President
Delegated Authority	No other individuals have been authorized by the IEPA.	N/A

Other Contacts

	Name	*Phone No.*	*Email*
Source Contact	Larry Kraft	618/476-1345	larry@custommarble.net
Technical Contact	Larry Kraft	618/476-1345	larry@custommarble.net
Correspondence	Larry Kraft	618/476-1345	larry@custommarble.net
Billing	Larry Kraft	618/476-1345	larry@custommarble.net

3. Single Source

The source identified in Condition 1.1 above shall be defined to include all the following additional source(s):

I.D. No.	*Permit No.*	*Single Source Name and Address*
N/A	N/A	N/A

Section 2 – General Permit Requirements

1. Prohibitions

a. It shall be unlawful for any person to violate any terms or conditions of this permit issued under Section 39.5 of the Act, to operate the CAAPP source except in compliance with this permit issued by the IEPA under Section 39.5 of the Act or to violate any other applicable requirements. All terms and conditions of this permit issued under Section 39.5 of the Act are enforceable by USEPA and citizens under the Clean Air Act, except those, if any, that are specifically designated as not being federally enforceable in this permit pursuant to Section 39.5(7)(m) of the Act. [Section 39.5(6)(a) of the Act]

b. After the applicable CAAPP permit or renewal application submittal date, as specified in Section 39.5(5) of the Act, the source shall not operate this CAAPP source without a CAAPP permit unless the complete CAAPP permit or renewal application for such source has been timely submitted to the IEPA. [Section 39.5(6)(b) of the Act]

c. No Owner or Operator of the CAAPP source shall cause or threaten or allow the continued operation of an emission source during malfunction or breakdown of the emission source or related air pollution control equipment if such operation would cause a violation of the standards or limitations applicable to the source, unless this CAAPP permit granted to the source provides for such operation consistent with the Act and applicable Illinois Pollution Control Board regulations. [Section 39.5(6)(c) of the Act]

d. Pursuant to Section 39.5(7)(g) of the Act, emissions from the source are not allowed to exceed any allowances that the source lawfully holds under Title IV of the Clean Air Act or the regulations promulgated thereunder, consistent with Section 39.5(17) of the Act and applicable requirements, if any.

2. Emergency Provisions

Pursuant to Section 39.5(7)(k) of the Act, the Owner or Operator of the CAAPP source may provide an affirmative defense of emergency to an action brought for noncompliance with technology-based emission limitations under this CAAPP permit if the following conditions are met through properly signed, contemporaneous operating logs, or other relevant evidence:

a. i. An emergency occurred and the source can identify the cause(s) of the emergency.

ii. The source was at the time being properly operated.

iii. The source submitted notice of the emergency to the IEPA within 2 working days of the time when emission limitations were exceeded due to the emergency. This notice must contain a detailed description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

iv. During the period of the emergency the source took all reasonable steps to minimize levels of emissions that exceeded the emission limitations, standards, or requirements in this permit.

b. For purposes of Section 39.5(7)(k) of the Act, “emergency” means any situation arising from sudden and reasonably unforeseeable events beyond the control of the source, such as an act of God, that requires immediate corrective action to restore normal operation, and that causes the source to exceed a technology-based emission limitation under this permit, due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventive maintenance, careless or improper operation, or operation error.

c. In any enforcement proceeding, the source seeking to establish the occurrence of an emergency has the burden of proof. This provision is in addition to any emergency or

upset provision contained in any applicable requirement. This provision does not relieve the source of any reporting obligations under existing federal or state laws or regulations.

3. General Provisions

a. Duty to Comply

The source must comply with all terms and conditions of this permit. Any permit noncompliance constitutes a violation of the CAA and the Act, and is grounds for any or all of the following: enforcement action; permit termination, revocation and reissuance, or modification; or denial of a permit renewal application. [Section 39.5(7)(o)(i) of the Act]

b. Need to Halt or Reduce Activity is not a Defense

It shall not be a defense for the source in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [Section 39.5(7)(o)(ii) of the Act]

c. Duty to Maintain Equipment

The source shall maintain all equipment covered under this permit in such a manner that the performance or operation of such equipment shall not cause a violation of applicable requirements. [Section 39.5(7)(a) of the Act]

d. Disposal Operations

The source shall be operated in such a manner that the disposal of air contaminants collected by the equipment operations, or activities shall not cause a violation of the Act or regulations promulgated there under. [Section 39.5(7)(a) of the Act]

e. Duty to Pay Fees

i. The source must pay fees to the IEPA consistent with the fee schedule approved pursuant to Section 39.5(18) of the Act, and submit any information relevant thereto. [Section 39.5(7)(o)(vi) of the Act]

ii. The IEPA shall assess annual fees based on the allowable emissions of all regulated air pollutants, except for those regulated air pollutants excluded in Section 39.5(18)(f) of the Act and insignificant activities in Section 6, at the source during the term of this permit. The amount of such fee shall be based on the information supplied by the applicant in its complete CAAPP permit application. [Section 39.5(18)(a)(ii)(A) of the Act]

iii. The check should be payable to “Treasurer, State of Illinois” and sent to: Fiscal Services Section, Illinois EPA, P.O. Box 19276, Springfield, IL, 62794-9276. Include on the check: ID #, Permit #, and “CAAPP Operating Permit Fees”. [Section 39.5(18)(e) of the Act]

f. Obligation to Allow IEPA Surveillance

Pursuant to Sections 4(a), 39.5(7)(a), and 39.5(7)(p)(ii) of the Act, inspection and entry requirements that necessitate that, upon presentation of credentials and other documents as may be required by law and in accordance with constitutional limitations, the source shall allow the IEPA, or an authorized representative to perform the following:

i. Enter upon the source’s premises where the emission unit(s) are located or emissions-related activity is conducted, or where records must be kept under the conditions of this permit.

ii. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit.

iii. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit.

iv. Sample or monitor any substances or parameters at any location at reasonable times:

A. As authorized by the Clean Air Act or the Act, at reasonable times, for the purposes of assuring compliance with this CAAPP permit or applicable requirements; or

B. As otherwise authorized by the Act.

v. Enter and utilize any photographic, recording, testing, monitoring, or other equipment for the purposes of preserving, testing, monitoring, or recording any activity, discharge or emission at the source authorized by this permit.

g. <u>Effect of Permit</u>

i. Pursuant to Section 39.5(7)(j)(iv) of the Act, nothing in this CAAPP permit shall alter or affect the following:

A. The provisions of Section 303 (emergency powers) of the CAA, including USEPA's authority under that Section.

B. The liability of the Owner or Operator of the source for any violation of applicable requirements prior to or at the time of permit issuance.

C. The applicable requirements of the acid rain program consistent with Section 408(a) of the Clean Air Act.

D. The ability of USEPA to obtain information from the source pursuant to Section 114 (inspections, monitoring, and entry) of the Clean Air Act.

ii. Notwithstanding the conditions of this permit specifying compliance practices for applicable requirements, pursuant to Sections 39.5(7)(j) and (p) of the Act, any person (including the Permittee) may also use other credible evidence to establish compliance or noncompliance with applicable requirements. [35 IAC 201.122 and Section 39.5(7)(a) of the Act]

h. <u>Severability Clause</u>

The provisions of this permit are severable. In the event of a challenge to any portion of this permit, other portions of this permit may continue to be in effect. Should any portion of this permit be determined to be illegal or unenforceable, the validity of the other provisions shall not be affected and the rights and obligations of the source shall be construed and enforced as if this permit did not contain the particular provisions held to be invalid and the applicable requirements underlying these provisions shall remain in force. [Section 39.5(7)(i) of the Act]

4. Testing

a. Tests conducted to measure composition of materials, efficiency of pollution control devices, emissions from process or control equipment, or other parameters shall be conducted using standard test methods if applicable test methods are not specified by the applicable regulations or otherwise identified in the conditions of this permit. Documentation of the test date, conditions, methodologies, calculations, and test results shall be retained pursuant to the recordkeeping procedures of this permit. Reports of

any tests conducted as required by this permit or as the result of a request by the IEPA shall be submitted as specified in Condition 7.1 of this permit. [35 IAC Part 201 Subpart J and Section 39.5(7)(a) of the Act]

b. Pursuant to Section 4(b) of the Act and 35 IAC 201.282, every emission source or air pollution control equipment shall be subject to the following testing requirements for the purpose of determining the nature and quantities of specified air contaminant emissions and for the purpose of determining ground level and ambient air concentrations of such air contaminants:

i. Testing by Owner or Operator: The IEPA may require the Owner or Operator of the emission source or air pollution control equipment to conduct such tests in accordance with procedures adopted by the IEPA, at such reasonable times as may be specified by the IEPA and at the expense of the Owner or Operator of the emission source or air pollution control equipment. All such tests shall be made by or under the direction of a person qualified by training and/or experience in the field of air pollution testing. The IEPA shall have the right to observe all aspects of such tests.

ii. Testing by the IEPA: The IEPA shall have the right to conduct such tests at any time at its own expense. Upon request of the IEPA, the Owner or Operator of the emission source or air pollution control equipment shall provide, without charge to the IEPA, necessary holes in stacks or ducts and other safe and proper testing facilities, including scaffolding, but excluding instruments and sensing devices, as may be necessary.

5. Recordkeeping

a. Control Equipment Maintenance Records

Pursuant to Section 39.5(7)(b) of the Act, a maintenance record shall be kept on the premises for each item of air pollution control equipment. At a minimum, this record shall show the dates of performance and nature of preventative maintenance activities.

b. Retention of Records

i. Records of all monitoring data and support information shall be retained for a period of at least 5 years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records, original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. [Section 39.5(7)(e)(ii) of the Act]

ii. Pursuant to Section 39.5(7)(a) of the Act, other records required by this permit including any logs, plans, procedures, or instructions required to be kept by this permit shall be retained for a period of at least 5 years from the date of entry unless a different period is specified by a particular permit provision.

c. Availability of Records

i. Pursuant to Section 39.5(7)(a) of the Act, the Permittee shall retrieve and provide paper copies, or as electronic media, any records retained in an electronic format (e.g., computer) in response to an IEPA or USEPA request during the course of a source inspection.

ii. Pursuant to Section 39.5(7)(a) of the Act, upon written request by the IEPA for copies of records or reports required to be kept by this permit, the Permittee shall promptly submit a copy of such material to the IEPA. For this purpose, material shall be submitted to the IEPA within 30 days unless additional time is provided by the IEPA or the Permittee believes that the volume and nature of requested material would make this overly burdensome, in which case, the Permittee

shall respond within 30 days with the explanation and a schedule for submittal of the requested material. (See also Condition 2.9(d))

6. Certification

a. Compliance Certification

i. Pursuant to Section 39.5(7)(p)(v)(C) of the Act, the source shall submit annual compliance certifications by May 1 unless a different date is specified by an applicable requirement or by a particular permit condition. The annual compliance certifications shall include the following:

A. The identification of each term or condition of this permit that is the basis of the certification.

B. The compliance status.

C. Whether compliance was continuous or intermittent.

D. The method(s) used for determining the compliance status of the source, both currently and over the reporting period consistent with the conditions of this permit.

ii. Pursuant to Section 39.5(7)(p)(v)(D) of the Act, all compliance certifications shall be submitted to USEPA Region 5 in Chicago as well as to the IEPA Compliance Section. Addresses are included in Attachment 3.

iii. Pursuant to Section 39.5(7)(p)(i) of the Act, all compliance reports required to be submitted shall include a certification in accordance with Condition 2.6(b).

b. Certification by a Responsible Official

Any document (including reports) required to be submitted by this permit shall contain a certification by the responsible official of the source that meets the requirements of Section 39.5(5) of the Act and applicable regulations. [Section 39.5(7)(p)(i) of the Act]. An example Certification by a Responsible Official is included in Attachment 4 of this permit.

7. Permit Shield

a. Pursuant to Section 39.5(7)(j) of the Act, except as provided in Condition 2.7(b) below, the source has requested and has been granted a permit shield. This permit shield provides that compliance with the conditions of this permit shall be deemed compliance with applicable requirements which were applicable as of the date the proposed permit for this source was issued, provided that either the applicable requirements are specifically identified within this permit, or the IEPA, in acting on this permit application, has determined that other requirements specifically identified are not applicable to this source and this determination (or a concise summary thereof) is included in this permit. This permit shield does not extend to applicable requirements which are promulgated after July 10, 2013 (date USEPA notice started), unless this permit has been modified to reflect such new requirements.

b. Pursuant to Section 39.5(7)(j) of the Act, this permit and the terms and conditions herein do not affect the Permittee’s past and/or continuing obligation with respect to statutory or regulatory requirements governing major source construction or modification under Title I of the CAA. Further, neither the issuance of this permit nor any of the terms or conditions of the permit shall alter or affect the liability of the Permittee for any violation of applicable requirements prior to or at the time of permit issuance.

c. Pursuant to Section 39.5(7)(a) of the Act, the issuance of this permit by the IEPA does not and shall not be construed as barring, diminishing, adjudicating or in any way

affecting any currently pending or future legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the IEPA or the USEPA may have against the applicant including, but not limited to, any enforcement action authorized pursuant to the provision of applicable federal and state law.

8. Title I Conditions

Pursuant to Sections 39(a), 39(f), and 39.5(7)(a) of the Act, as generally identified below, this CAAPP permit may contain certain conditions that relate to requirements arising from the construction or modification of emission units at this source. These requirements derive from permitting programs authorized under Title I of the Clean Air Act (CAA) and regulations thereunder, and Title X of the Illinois Environmental Protection Act (Act) and regulations implementing the same. Such requirements, including the New Source Review programs for both major (i.e., PSD and nonattainment areas) and minor sources, are implemented by the IEPA.

a. This permit may contain conditions that reflect requirements originally established in construction permits previously issued for this source. These conditions include requirements from preconstruction permits issued pursuant to regulations approved or promulgated by USEPA under Title I of the CAA, as well as requirements contained within construction permits issued pursuant to state law authority under Title X of the Act. Accordingly, all such conditions are incorporated into this CAAPP permit by virtue of being either an “applicable Clean Air Act requirement” or an “applicable requirement” in accordance with Section 39.5 of the Act. These conditions are identifiable herein by a designation to their origin of authority.

b. This permit may contain conditions that reflect necessary revisions to requirements established for this source in preconstruction permits previously issued under the authority of Title I of the CAA. These conditions are specifically designated herein as “TIR”.

   i. Revisions to original Title I permit conditions are incorporated into this permit through the combined legal authority of Title I of the CAA and Title X of the Act. Public participation requirements and appeal rights shall be governed by Section 39.5 of the Act.

   ii. Revised Title I permit conditions shall remain in effect through this CAAPP permit, and are therefore enforceable under the same, so long as such conditions do not expire as a result of a failure to timely submit a complete renewal application or are not removed at the applicant’s request.

c. This permit may contain conditions that reflect new requirements for this source that would ordinarily derive from a preconstruction permit established under the authority of Title I of the CAA. These conditions are specifically designated herein as “TIN”.

   i. The incorporation of new Title I requirements into this CAAPP permit is authorized through the combined legal authority of Title I of the CAA and Title X of the Act. Public participation requirements and appeal rights shall be governed by Section 39.5 of the Act.

   ii. Any Title I conditions that are newly incorporated shall remain in effect through this CAAPP permit, and are therefore enforceable under the same, so long as such conditions do not expire as a result of a failure to timely submit a complete renewal application or are not removed at the applicant’s request.

9. Reopening and Revising Permit

a. Permit Actions

This permit may be modified, revoked, reopened and reissued, or terminated for cause in accordance with applicable provisions of Section 39.5 of the Act. The filing of a request by the source for a permit modification, revocation and reissuance, or

termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. [Section 39.5(7)(o)(iii) of the Act]

b. Reopening and Revision

Pursuant to Section 39.5(15)(a) of the Act, this permit must be reopened and revised if any of the following occur:

i. Additional requirements become applicable to the equipment covered by this permit and three or more years remain before expiration of this permit;

ii. Additional requirements become applicable to the source for acid deposition under the acid rain program;

iii. The IEPA or USEPA determines that this permit contains a material mistake or that an inaccurate statement was made in establishing the emission standards or limitations, or other terms or conditions of this permit; or

iv. The IEPA or USEPA determines that this permit must be revised or revoked to ensure compliance with the applicable requirements.

c. Inaccurate Application

Pursuant to Sections 39.5(5)(e) and (i) of the Act, the IEPA has issued this permit based upon the information submitted by the source in the permit application referenced on page 1 of this permit. Any misinformation, false statement or misrepresentation in the application shall be grounds for revocation or reopening of this CAAPP under Section 39.5(15) of the Act.

d. Duty to Provide Information

The source shall furnish to the IEPA, within a reasonable time specified by the IEPA any information that the IEPA may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. Upon request, the source shall also furnish to the IEPA copies of records required to be kept by this permit. [Section 39.5(7)(o)(v) of the Act]

10. Emissions Trading Programs

No permit revision shall be required for increases in emissions allowed under any USEPA approved economic incentives, marketable permits, emissions trading, and other similar programs or processes for changes that are provided for elsewhere in this permit and that are authorized by the applicable requirement. [Section 39.5(7)(o)(vii) of the Act]

11. Permit Renewal

a. Upon the expiration of this permit, if the source is operated, it shall be deemed to be operating without a permit unless a timely and complete CAAPP application has been submitted for renewal of this permit. However, if a timely and complete application to renew this CAAPP permit has been submitted, the terms and all conditions of the most recent issued CAAPP permit will remain in effect until the issuance of a renewal permit. [Sections 39.5(5)(l) and (o) of the Act]

b. For purposes of permit renewal, a timely application is one that is submitted no less than 9 months prior to the date of permit expiration. [Section 39.5(5)(n) of the Act]

12. Permanent Shutdown

Pursuant to Section 39.5(7)(a) of the Act, this permit only covers emission units and control equipment while physically present at the source location(s). Unless this permit specifically provides for equipment relocation, this permit is void for the operation or activity of any item

of equipment on the date it is removed from the permitted location(s) or permanently shut down. This permit expires if all equipment is removed from the permitted location(s), notwithstanding the expiration date specified on this permit.

13. Startup, Shutdown, and Malfunction

Pursuant to Section 39.5(7)(a) of the Act, in the event of an action to enforce the terms or conditions of this permit, this permit does not prohibit a Permittee from invoking any affirmative defense that is provided by the applicable law or rule.

Section 3 – Source Requirements

1. Applicable Requirements

Pursuant to Sections 39.5(7)(a), 39.5(7)(b), and 39.5(7)(d) of the Act, the Permittee shall comply with the following applicable requirements. These requirements are applicable to all emission units (including insignificant activities unless specified otherwise in this Section) at the source.

a. Fugitive Particulate Matter

i. Pursuant to 35 IAC 212.301 and 35 IAC 212.314, no person shall cause or allow the emission of fugitive particulate matter from any process, including any material handling or storage activity, that is visible by an observer looking generally toward the zenith at a point beyond the property line of the source unless the wind speed is greater than 25 mph.

ii. Compliance Method (Fugitive Particulate Matter)

Upon request by the IEPA, the Permittee shall conduct observations at the property line of the source for visible emissions of fugitive particular matter from the source to address compliance with 35 IAC 212.301. For this purpose, daily observations shall be conducted for a week for particular area(s) of concern at the source, as specified in the request, observations shall begin either within one day or three days of receipt of a written request from the IEPA, depending, respectively, upon whether observations will be conducted by employees of the Permittee or a third-party observer hired by the Permittee to conduct observations on its behalf. The Permittee shall keep records for these observations, including identity of the observer, the date and time of observations, the location(s) from which observations were made, and duration of any fugitive emissions event(s).

b. Volatile Organic Material

i. Pursuant to 35 IAC 219.187(a)(1), total VOM emissions from all cleaning operations identified in 35 IAC 219.187(a)(1) and not excluded pursuant to 35 IAC 219.187(a)(2) shall not exceed 226.8 kg per calendar month (500 lbs per calendar month).

ii. Compliance Method **(Industrial Solvent Cleaning Operations)**

Recordkeeping

A. Pursuant to 35 IAC 219.187(e)(1)(B), the Permittee shall collect and record the following information each month for each cleaning operation, other than cleaning operations identified in 35 IAC 219.187(a)(2):

I. The name and identification of each VOM-containing cleaning solution as applied in each cleaning operation;

II. The VOM content of each cleaning solution as applied in each cleaning operation;

III. The weight of VOM per volume and the volume of each as-used cleaning solution; and

IV. The total monthly VOM emissions from cleaning operations at the source;

c. **NESHAP Standards**

i. A. Pursuant to 40 CFR 63.5785, this permit is issued based upon the applicable reinforced plastic composites production operations at the source, as identified in 40 CFR 63.5790, being subject to the requirements of 40 CFR 63 Subpart WWWW— National Emissions Standards for Hazardous Air Pollutants: Reinforced Plastic Composites Production.

B. Pursuant to 40 CFR 63.5835(c), 63.5925 and Table 15 of 40 CFR 63 Subpart WWWW, the Permittee must comply with the applicable general provisions in §§ 63.1 through 63.15. (See Section 7.3(a))

C. Pursuant to 39.5(7)(a) through (f) of the Act and 40 CFR 63 Subpart WWWW, source wide notification and reporting requirements are specified in Section 3.5 and emission unit and/or operation specific organic HAP emissions limits, work practice standards and compliance requirements are shown in Section 4.0.

d. **Ozone Depleting Substances**

Pursuant to 40 CFR 82.150(b), the Permittee shall comply with the standards for recycling and emissions reduction of ozone depleting substances pursuant to 40 CFR Part 82, Subpart F, except as provided for motor vehicle air conditioners in Subpart B of 40 CFR Part 82:

i. Pursuant to 40 CFR 82.156, persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices.

ii. Pursuant to 40 CFR 82.158, equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment.

iii. Pursuant to 40 CFR 82.161, persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program.

iv. Pursuant to 40 CFR 82 Subpart B, any person performing service on a motor vehicle for consideration when this service involves the refrigerant in the motor vehicle air conditioner shall comply with 40 CFR 82 Subpart B, Servicing of Motor Vehicle Air Conditioners.

v. Pursuant to 40 CFR 82.166, all persons shall comply with the reporting and recordkeeping requirements of 40 CFR 82.166.

e. **Asbestos Demolition and Renovation**

i. Asbestos Fees. Pursuant to Section 9.13(a) of the Act, for any site for which the Owner or Operator must file an original 10-day notice of intent to renovate or demolish pursuant to Condition 3.1(c)(ii) below and 40 CFR 61.145(b), the owner or operator shall pay to the IEPA with the filing of each 10-day notice a fee of $150.

ii. Pursuant to 40 CFR 61 Subpart M, Standard of Asbestos, prior to any demolition or renovation at this facility, the Permittee shall fulfill notification requirements of 40 CFR 61.145(b).

iii. Pursuant to 40 CFR 61.145(c), during demolition or renovation, the Permittee shall comply with the procedures for asbestos emission control established by 40 CFR 61.145(c).

f. Future Emission Standards

Pursuant to Section 39.5(15)(a) of the Act, this source shall comply with any new or revised applicable future standards of 40 CFR 60, 61, 62, or 63; or 35 IAC Subtitle B after the date issued of this permit. The Permittee shall, in accordance with the applicable regulation(s), comply with the applicable requirements by the date(s) specified and shall certify compliance with the applicable requirements of such regulation(s) as part of the annual compliance certification, as required by Condition 2.6(a). This permit may also have to be revised or reopened to address such new regulations in accordance to Condition 2.9.

2. Applicable Plans and Programs

Pursuant to Sections 39.5(7)(a), 39.5(7)(b), and 39.5(7)(d) of the Act, the Permittee shall comply with the following applicable requirements. These requirements are applicable to all emission units (including insignificant activities unless specified otherwise in this Section) at the source.

a. Fugitive PM Operating Program

Should this source become subject to 35 IAC 212.302, the Permittee shall prepare and operate under a Fugitive PM Operating Program consistent with 35 IAC 212.310 and submitted to the IEPA for its review. The Fugitive PM Operating Program shall be designed to significantly reduce fugitive particulate matter emissions, pursuant to 35 IAC 212.309(a). Any future Fugitive PM Operating Program made by the Permittee during the permit term is automatically incorporated by reference provided the Fugitive PM Operating Program is not expressly disapproved, in writing, by the IEPA within 30 days of receipt of the Fugitive PM Operating Program. In the event that the IEPA notifies the Permittee of a deficiency with any Fugitive PM Operating Program, the Permittee shall be required to revise and resubmit the Fugitive PM Operating Program within 30 days of receipt of notification to address the deficiency pursuant to Section 39.5(7)(a) of the Act.

b. PM_{10} Contingency Measure Plan

Should this source become subject to 35 IAC 212.700, then the Permittee shall prepare and operate under a PM_{10} Contingency Measure Plan reflecting the PM_{10} emission reductions as set forth in 35 IAC 212.701 and 212.703. The Permittee shall, within 90 days after the date this source becomes subject to 35 IAC 212.700, submit a request to modify this CAAPP permit in order to include a new, appropriate PM_{10} Contingency Measure Plan.

c. Episode Action Plan

Should this source become subject to 35 IAC 244.142, the Permittee shall prepare, submit, and operate under an Episode Action Plan for reducing the levels of emissions during yellow alerts, red alerts, and emergencies, consistent with safe operating procedures and submitted to the IEPA for its review. The Episode Action Plan shall contain the information specified in 35 IAC 244.144. The Permittee shall immediately implement the appropriate steps described in this Episode Action Plan should an air pollution alert or emergency be declared. Any future Episode Action Plan made by the Permittee during the permit term is automatically incorporated by reference provided the Episode Action Plan is not expressly disapproved, in writing, by the IEPA within 30 days of receipt of the Episode Action Plan. In the event that the IEPA notifies the Permittee of a deficiency with any Episode Action Plan, the Permittee shall be required to revise and resubmit the Episode Action Plan within 30 days of receipt of notification to address the deficiency pursuant to Section 39.5(7)(a) of the Act.

d. Risk Management Plan (RMP)

Should this stationary source, as defined in 40 CFR 68.3, become subject to the federal regulations for Chemical Accident Prevention in 40 CFR Part 68, then the Permittee shall

submit a compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR 68.10(a); or submit a certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of the Risk Management Plan, as part of the annual compliance certification required by Condition 2.6(a). This condition is imposed in this permit pursuant to 40 CFR 68.215(a)(2)(i) and (ii).

3. Title I Requirements

As of the date of issuance of this permit, there are no source-wide Title I requirements that need to be included in this Condition.

4. Synthetic Minor Limits

As of the date of issuance of this permit, there are no source-wide synthetic minor limits that need to be included in this Condition.

5. Reporting Requirements

The Permittee shall submit the following information pursuant to Section 39.5(7)(f) of the Act. Addresses are included in Attachment 3.

a. <u>Prompt Reporting</u>

i. A. Pursuant to Section 39.5(7)(f)(ii) of the Act, the Permittee shall promptly notify the IEPA, Air Compliance Section, within 30 days of deviations from applicable requirements as follows:

I. Requirements in Conditions 3.1(a)(i) and (b)(i).

B. All such deviations shall be summarized and reported as part of the Semiannual Monitoring Report required by Condition 3.5(b).

ii. The Permittee shall notify the IEPA, Air Compliance Section, of all other deviations as part of the Semiannual Monitoring Report required by Condition 3.5(b).

iii. The deviation reports shall contain at a minimum the following information:

A. Date and time of the deviation.

B. Emission unit(s) and/or operation involved.

C. The duration of the event.

D. Probable cause of the deviation.

E. Corrective actions or preventative measures taken.

iv. All deviation reports required in this Permit shall be identified, summarized, and reported as part of the Semiannual Monitoring Report required by Condition 3.5(b).

b. <u>Semiannual Reporting</u>

i. Pursuant to Section 39.5(7)(f)(i) of the Act, the Permittee shall submit Semiannual Monitoring Reports to the IEPA, Air Compliance Section, summarizing required monitoring as part of the Compliance Methods in this Permit submitted every six months as follows, unless more frequent reporting is required in other parts of this permit.

Monitoring Period	Report Due Date
January through June	July 31
July through December	January 31

ii. The Semiannual Monitoring Report must be certified by a Responsible Official consistent with Condition 2.6(b).

c. Annual Emissions Reporting

Pursuant to 35 IAC Part 254, the Source shall submit an Annual Emission Report due by May 1 of the year following the calendar year in which the emissions took place. All records and calculations upon which the verified and reported data are based must be retained by the source.

d. **NESHAP Reporting**

i. Pursuant to Section 39.5(7)(f) of the Act, the compliance and deviation reports required as follows must be based upon the emission unit and/or operational specific monitoring and recordkeeping requirements specified in Section 4.0.

ii. Pursuant to 40 CFR 63.5905(b), if any information submitted in any notification required pursuant to 40 CFR 63.5905(a) and Table 13 to 40 CFR 63 Subpart WWWW changes, the Permittee must submit the changes in writing to the IEPA, Air Compliance Section, within 15 calendar days after the change.

iii. Pursuant to 40 CFR 63.5910(a) and (b) and Table 14 to 40 CFR 63 Subpart WWWW, according to the schedule shown in Table 14 to 40 CFR 63 Subpart WWWW, the Permittee must submit the semiannual compliance reports as specified in 40 CFR 63.5910(b)(3) through (b)(5) and Table 14 to 40 CFR 63 Subpart WWWW.

iv. Pursuant to 40 CFR 63.5910(c), the compliance report must contain the applicable information shown in 40 CFR 63.5910(c)(1) through (c)(6). This includes the following:

A. Company name and address.

B. Statement by a responsible official with that official’s name, title, and signature, certifying the truth, accuracy, and completeness of the content of the report.

C. Date of the report and beginning and ending dates of the reporting period.

D. If there are no deviations from any organic HAP emissions limitations (emissions limit and operating limit) that applicable to the source, and there are no deviations from the requirements for work practice standards in Table 4 to 40 CFR 63 Subpart WWWW, a statement that there were no deviations from the organic HAP emissions limitations or work practice standards during the reporting period.

v. Pursuant to 40 CFR 63.5910(d), for each deviation from an organic HAP emissions limitation (i.e., emissions limit and operating limit) and for each deviation from the requirements for work practice standards that occurs at an affected source, the compliance report must contain the information in Condition 3.5(d)(iv) and 40 CFR 63.5910(c)(1) through (3) and the following information:

A. The total operating time of each affected source during the reporting period.

B. Information on the number, duration, and cause of deviations (including unknown cause, if applicable), as applicable, and the corrective action taken.

vi. Pursuant to 40 CFR 63.5910(f), the Permittee must report if source exceeded the 100 tpy organic HAP emissions threshold if that exceedance would make the facility subject to 40 CFR 63.5805(d). Any request for an exemption under 40 CFR 63.5805(e) may be included in the report. If the Permittee received an exemption under 40 CFR 63.5805(e) and subsequently exceed the 100 tpy organic HAP emissions threshold, the Permittee must report this exceedance as required in 40 CFR 63.5805(f).

vii. Pursuant to 40 CFR 63.5910(g), the Permittee must report all deviations as defined in 40 CFR 63 Subpart WWWW in the semiannual monitoring report required by Condition 3.5(b). If an affected source submits a compliance report pursuant to Table 14 to 40 CFR 63 Subpart WWWW along with, or as part of, the semiannual monitoring report required by Condition 3.5(b), and the compliance report includes all required information concerning deviations from any organic HAP emissions limitation (including any operating limit) or work practice requirement in 40 CFR 63 Subpart WWWW, submission of the compliance report shall be deemed to satisfy any obligation to report the same deviations in the semiannual monitoring report. However, submission of a compliance report shall not otherwise affect any obligation the affected source may have to report deviations from permit requirements to the Illinois EPA.

viii. Pursuant to 40 CFR 63.5910(i), where multiple compliance options are available, the Permittee must state in the next compliance report if the compliance options have changed since last compliance report.

4.1 Open Molding Operation (Gelcoat Booth)

1. Emission Units and Operations

Emission Units	*Pollutants Being Regulated*	*Original Construction Date*	*Modification/ Reconstruction Date*	*Air Pollution Control Devices or Measures*	*Monitoring Devices*
Open Molding: Gelcoat Booth- with non-atomized gelcoat applicator (Gruber Model 16) and hot water radiant heated curing oven.	Opacity, PM, VOM/HAP	August 1989	N/A	PM Filter: (Binks Andre Filter)	None

2. Applicable Requirements

For the emission units in Condition 4.1.1 above, the Permittee shall comply with the following applicable requirements pursuant to Sections 39.5(7)(a), 39.5(7)(b), and 39.5(7)(d) of the Act.

a. i. Opacity Requirements

A. Pursuant to 35 IAC 212.123(a), no person shall cause or allow the emission of smoke or other particulate matter, with an opacity greater than 30 percent, into the atmosphere from any emission unit other than those emission units subject to 35 IAC 212.122.

ii. Periodic Monitoring Compliance Method (Opacity Requirements)

Monitoring

A. Pursuant to Sections 39.5(7)(b) and (d) of the Act, the Permittee shall perform observations for visible emissions and/or opacity on each external process vent or exhaust in accordance with Method 22 for visible emissions at least once every calendar year. If visible emissions are observed, the Permittee shall take corrective action within 4 hours of such observation. Corrective action may include, but is not limited to the following: maintenance and repair and/or adjustment of the affected process. If corrective action was taken the Permittee shall perform a follow-up observation for visible emissions in accordance with Method 22. If visible emissions continue, then measurements of opacity in accordance with Method 9 and Section 7.1 shall be conducted within 7 days in accordance with Condition 2.4.

Recordkeeping

B. Pursuant to 39.5(7)(b) and (e) of the Act, the Permittee shall collect and maintain the following records of the visible emissions and/or opacity observations required by Condition 4.1.2(a)(ii)(A). These records shall include the following:

I. Copies of all field data sheets which includes but is not limited to the following

1. Date and time the observations were performed;

2. Name(s) of observing personnel and their affiliation;

3. The total elapsed time for each observation, i.e., the observation period, pursuant to the method used;

4. Identification of the equipment which was observed; and

5. The findings of the observation including the presence of any visible emissions;

II. Notes as to whether or not the equipment was running properly;

III. If applicable, a description of any corrective action taken including if the corrective action took place within 4 hours of the observation.

b. i. <u>Particulate Matter Requirements (PM)</u>

A. Pursuant to 35 IAC 212.321, no person shall cause or allow the emission of particulate matter into the atmosphere in any one hour period from any new process emission unit which, either alone or in combination with the emission of particulate matter from all other similar process emission units for which construction or modification commenced on or after April 14, 1972, at a source or premises, to exceed the allowable emission rates specified in 35 IAC 212.321(c) and Section 7.2.

ii. <u>Periodic Monitoring Compliance Method (PM Requirements)</u>

Monitoring

A. Pursuant to 39.5(7)(b) and (d)(ii) of the Act, the Permittee shall perform a monthly inspection of all process and vent filters to ensure proper operation of the applicable emission units listed above.

Recordkeeping

B. Pursuant to 39.5(7)(b) and (e) of the Act, the Permittee shall keep and maintain the following monthly records:

I. Records of the periodic inspection of the fabric filters, required in Condition 4.1.2(b)(ii)(A), which include the date of the inspections and its results;

II. Records for prompt repair of defects, with identification and description of defect, effect on emissions, date identified, date repaired and nature of repair; and

III. Demonstration of compliance based upon either each affected emission unit’s average hourly PM emission rate or maximum hourly potential to emit, including copies of all data, assumptions, and calculations used to determine PM emissions for each emission unit

c. i. <u>Volatile Organic Material Requirements (VOM)</u>

A. Pursuant to 35 IAC 219.301, no person shall cause or allow the discharge of more than 3.6 kg/hr (8 lb/hr) of organic material into the atmosphere from any emission unit, except as provided in 35 IAC 219.302, 219.303, or 219.304.

ii. Compliance Method (VOM Requirements)

Recordkeeping

A. Pursuant to Section 39.5(b) and (d) of the Act, the Permittee shall keep the following records:

I. Daily and monthly records of the hours of operation of the affected emission unit; and

II. Quantity (lb/mo and lb/yr) and the VOM content (%) of VOM material used in the affected emission unit;

III. Monthly demonstration of compliance with the limitations in Condition 4.1.2(c)(i)(A) and 35 IAC 218.301 based upon either the affected emission unit's average hourly VOM emission rate, based upon the data listed above, or the maximum hourly potential to emit, including copies of all data, assumptions, and calculations used to determine VOM emissions.

d. i. Hazardous Air Pollutant Requirements (HAP)

A. I. 1. Pursuant to 40 CFR 63.5805(b) and Table 3 to Subpart WWWW of Part 63, the Permittee must meet the following organic HAP emissions limits:

Open molding—gelcoat[1]	
a. tooling gel coating	440 lb/ton
b. white/off white pigmented gel coating	267 lb/ton
c. all other pigmented gel coating	377 lb/ton
d. CR/HS or high performance gel coat	605 lb/ton
e. fire retardant gel coat	854 lb/ton
f. clear production gelcoat	522 lb/ton

2. Pursuant to 40 CFR 63.5805(b) and Table 4 to Subpart WWWW of Part 63, the Permittee must meet the following work practice standards:

(a) Cleaning operation: The Permittee must not use cleaning solvents that contain HAP except that styrene may be used as a cleaner in closed systems, and organic HAP containing cleaners may be used to clean cured resin from application equipment. Application equipment includes any equipment that directly contacts resin.

(b) HAP-containing materials storage operation: The Permittee must keep containers that store HAP-containing materials closed or covered except during the addition or removal of materials.

(c) Mixing Operations* - The Permittee must:

(i) Use mixer covers with no visible gaps present in the mixer covers, except that gaps of up to 1 inch are permissible around mixer shafts and any required instrumentation;

(ii) Close any mixer vents when actual mixing is occurring, except that venting is allowed during addition of materials, or as necessary prior to

adding materials or opening the cover for safety; and

(iii) Keep the mixer covers closed while actual mixing is occurring except when adding materials or changing covers to the mixing vessels.

* Containers of 5 gallons or less may be open when active mixing is taking place, or during periods when they are in process (i.e., they are actively being used to apply resin). For polymer casting mixing operations, containers with a surface area of 500 square inches or less may be open while active mixing is taking place.

3. Pursuant to 40 CFR 63.5805(g), repair operations, as defined in 40 CFR 63.5785, at the source must meet the requirements listed above for Tables 3 and 4 to 40 CFR 63 Subpart WWWW that are applicable.

II. Pursuant to 40 CFR 63.5810, the HAP emission standards shall be met using the following:

1. The Permittee must use one of the methods shown in 40 CFR 63.5810(a) through (d) to meet the applicable standards for open molding in Condition 4.1.2(d)(i)(A)(I)(1) and in Table 3 to Subpart WWWW of Part 63 (Organic HAP Emissions Limits);

2. The Permittee may use any control method that reduces organic HAP emissions, including reducing resin and gel coat organic HAP content, changing to nonatomized mechanical application, and using covered curing techniques;

3. The Permittee may use different compliance options and switch between the options indicated in Condition 4.1.2(d)(i)(A)(II)(1) and in 40 CFR 63.5810(a) through (d), for the different operations listed in Condition 4.1.2(d)(i)(A)(I)(1) and Table 3 to Subpart WWWW of Part 63;

4. The Permittee must complete all necessary calculations within 30 days after the end of each month; and

5. If the Permittee changes to an option based on a 12-month rolling average, the Permittee must base the average on the previous 12 months of data calculated using the compliance option the Permittee is changing to, unless the Permittee was previously using an option that did not require the Permittee to maintain records of resin and gel coat use. In this case, the Permittee must immediately begin collecting resin and gel coat use data and demonstrate compliance 12 months after changing options.

III. Pursuant to 40 CFR 63.5835(a), the Permittee must be in compliance at all times with the work practice standards in Table 4 to 40 CFR 63 Subpart WWWW, as well as the organic HAP emissions limits in Tables 3 to 40 CFR 63 Subpart WWWW, as applicable, regardless.

VI. Pursuant to 40 CFR 63.5835(c), the Permittee must always operate and maintain the affected source according to the “Operation and maintenance requirements” in 40 CFR 63.6(e)(1)(i):

IV. Pursuant to 40 CFR 63.5925, the Permittee must comply with the applicable General Provisions in 40 CFR 63.1 through 63.15 listed in Section 7.3(a) and Table 15 to 40 CFR 63 Subpart WWWW.

ii. Compliance Method (HAP Requirements)

Monitoring

A. I. Pursuant to 40 CFR 63.5900(a), the Permittee must demonstrate continuous compliance with each standard in Condition 4.1.2(d)(i)(A) and 40 CFR 63.5805(b) as follows:

1. Pursuant to 40 CFR 63.5900(a)(2): Compliance with organic HAP emissions limits is demonstrated by maintaining an organic HAP emissions factor value less than or equal to the appropriate organic HAP emissions limit listed in Condition 4.1.2(d)(i)(A)(I)(1) and Table 3 to 40 CFR 63 Subpart WWWW, on a 12-month rolling average, and/or by including in each compliance report a statement that individual resins and gel coats, as applied, meet the appropriate organic HAP emissions limits, as discussed in Condition 4.1.2(d)(ii)(C)(I)(2) and 40 CFR 63.5895(d).

2. Pursuant to 40 CFR 63.5900(a)(4): Compliance with the work practice standards in Condition 4.1.2(d)(i)(A)(I)(2) and Table 4 to 40 CFR 63 Subpart WWWW is demonstrated by performing the work practice required for the sources applicable operations.

II. Pursuant to 39.5(7)(b) and (d)(ii) of the Act, the Permittee shall conduct a monthly compliance verification inspection of the operations listed in Condition 4.1.2(d)(i)(A)(I)(2) and Table 4 to Subpart WWWW of Part 63.

B. Pursuant to 40 CFR 63.5797 and 39.5(7)(b) and (c) of the Act, in order to determine the organic HAP content of resins, gel coats and fresh solvents, the Permittee may rely on information provided by the material manufacturer, such as manufacturer's formulation data and material safety data sheets (MSDS) and for resins and gel coats the procedures specified in 40 CFR 63.5797(a) through (c), as applicable.

Recordkeeping

C. I. 1. Pursuant to 40 CFR 63.5895(c): The Permittee must collect and keep records of resin and gel coat use, organic HAP content, and operation where the resin is used if the Permittee is meeting any organic HAP emissions limits based on an organic HAP emissions limit in Condition 4.1.2(d)(i)(A)(I)(1) and Tables 3 to 40 CFR 63 Subpart WWWW. Resin use records may be based on purchase records if the Permittee can reasonably estimate how the resin is applied. The organic HAP content records may be based on MSDS or on resin specifications supplied by the resin supplier.

2. Pursuant to 40 CFR 63.5895(d): Resin and gel coat use records are not required for the individual resins and gel coats that are demonstrated, as applied, to meet their applicable emission as defined in 40 CFR 63.5810(a). However, the Permittee must retain the records of resin and gel coat organic HAP content, and the Permittee must include the list of these resins and gel coats and identify their application methods in the semiannual compliance reports. If after the Permittee has initially

demonstrated that a specific combination of an individual resin or gel coat, application method, and controls meets its applicable emission limit, and the resin or gel coat changes or the organic HAP content increases, or the Permittee changes the application method or controls, then the Permittee must again demonstrate that the individual resin or gel coat meets its emission limit as specified in 40 CFR 63.5810(a). If any of the previously mentioned changes results in a situation where an individual resin or gel coat now exceeds its applicable emission limit in Condition 4.1.2(d)(i)(A)(I)(1) and Table 3 to 40 CFR 63 Subpart WWWW, the Permittee must begin collecting resin and gel coat use records and calculate compliance using one of the averaging options on a 12-month rolling average.

3. Pursuant to 40 CFR 63.5915(a)(1), the Permittee must keep and maintain a copy of each notification and report submitted to comply with 40 CFR 63 Subpart WWWW, including all documentation supporting any Initial Notification or Notification of Compliance Status submitted, according to the requirements in 40 CFR 63.10(b)(2)(xiv).

4. Pursuant to 40 CFR 63.5915(c), the Permittee must keep and maintain copies of all data, assumptions, and calculations used to determine organic HAP emissions factors or average organic HAP contents for all operations listed in Condition 4.1.2(d)(i)(A)(I)(1) and Table 3 to 40 CFR 63 Subpart WWWW.

5. Pursuant to 40 CFR 63.5915(d), the Permittee must keep and maintain a certified statement that the source is in compliance with the work practice requirements in Condition 4.1.2(d)(i)(A)(I)(2) and Table 4 to 40 CFR 63 Subpart WWWW.

II. Pursuant to Section 39.5(7)(b) and (e) of the Act, the Permittee must record and maintain the following information to document that the source will be in compliance with the applicable work practice standards requirements in Condition 4.1.2(d)(i)(A)(I)(2) and Table 4 to 40 CFR 63 Subpart WWWW and the compliance verification requirements in Condition 4.1.2(d)(ii)(A)(II):

1. Records of the cleaning solvents usage; organic HAP content if any; and any instances of noncompliance with Condition 4.1.2(d)(i)(A)(I)(2)(a) and Table 4 to 40 CFR 63 Subpart WWWW.

2. The date, time and duration of monthly inspections, required in Conditions 4.1.2(d)(ii)(A)(II), performed to confirm compliance with the work practice standard requirements in Condition 4.1.2(d)(i)(A)(I)(2) and Table 4 to 40 CFR 63 Subpart WWWW, and any instances of improper use of closed containers, with descriptions of actual practice and corrective action taken, if applicable.

3. A maintenance log for covers on vats, vessels, and tanks, detailing all routine and non-routine maintenance performed and initial use of new covers, including dates of such activities.

3. Non-Applicability Determinations

a. The affected polyester resin product manufacturing processes are not subject to the coating limitations in 35 IAC 219.204, because the resins applied to the mold substrate are not considered to be coatings as defined in 35 IAC 211.1190(b), i.e., the resins are not “paints, varnishes, sealers, adhesives, thinners, diluents, and inks” applied to the

mold for a "protective, decorative, or functional purpose(s)" but rather the resins form an integral part of a polyester resin product being manufactured.

b. The affected polyester resin product manufacturing processes are not subject to 35 IAC Part 219 Supbarts PP: Miscellaneous Fabricated Product Manufacturing Processes; QQ: Miscellaneous Formulation Manufacturing Processes; and TT: Other Emission Units because the affected emission units do not meet the applicability criteria shown in 35 IAC 219.920(a), 219.940(a), or 219.980(a), respectively. Specifically, because as a group the source's miscellaneous fabricated product manufacturing process emission units, miscellaneous formulation manufacturing process emission units, and the source's other VOM emission units, which are not included within any of the categories specified in Subparts B, E, F, H, Q, R, S, T, V, X, Y, Z, AA, BB, PP, QQ, or RR of 35 IAC Part 219 do not have "maximum theoretical emissions of 91 Mg (100 tons) or more per calendar year of VOM if no air pollution control equipment were used".

c. The affected polyester resin product manufacturing processes are not subject to 40 CFR 63, Subparts U and JJJ: National Emission Standards for Hazardous Air Pollutants: Group I and IV Polymers and Resins, because the source does not meet the applicability requirements of these subparts [40 CFR 63.480 and 63.1310, respectively].

d. The affected polyester resin product manufacturing processes are not subject to 40 CFR Part 64, Compliance Assurance Monitoring (CAM) for Major Stationary Sources because the affected polyester resin product manufacturing processes do not use an add-on control device to achieve compliance with an emission limitation or standard pursuant to 40 CFR 64.2(b)(1)(i).

4. Other Requirements

As of the date of issuance of this permit, there are no other requirements that need to be included in this Condition.

5. Reporting Requirements

The Permittee shall submit the following information pursuant to Section 39.5(7)(f) of the Act. Addresses are included in Attachment 3.

a. <u>Prompt Reporting</u>

i. A. Pursuant to Section 39.5(7)(f)(ii) of the Act, the Permittee shall promptly notify the IEPA, Air Compliance Section, within 30 days of deviations from applicable requirements as follows unless a different period is specified by a particular permit provision, i.e., NSPS or NESHAP requirement:

I. Requirements in Conditions 4.1.2(a)(i), 4.1.2(b)(i), 4.1.2(c)(i)and 4.1.2(d)(i).

B. All such deviations shall be summarized and reported as part of the Semiannual Monitoring Report required by Condition 3.5(b).

ii. The Permittee shall notify the IEPA, Air Compliance Section, of all other deviations as part of the Semiannual Monitoring Reports required by Condition 3.5(b).

iii. The deviation reports shall contain at a minimum the following information:

A. Date and time of the deviation.

B. Emission unit(s) and/or operation involved.

C. The duration of the event.

D. Probable cause of the deviation.

E. Corrective actions or preventative measures taken.

b. Federal Reporting

Pursuant to 40 CFR 63 Subpart WWWW, the Permittee must submit the notifications and compliance and deviation reports required in Condition 3.5(d).

c. Other Reporting

i. Pursuant to nonapplicabilty statements in Condition 4.1.3(b) and the reporting requirement in 35 IAC 219.990, upon request by the Illinois EPA, the owner or operator of an emission unit which is exempt from the requirements of 35 IAC 219 Subparts PP, QQ, or TT shall submit records to the Illinois EPA within 30 calendar days from the date of the request that document that the emission unit is exempt from those requirements.

Pursuant to Section 39.5(7)(f) of the Act, the notification report required above shall include all data, assumptions, and calculations used to document that the emission unit is exempt.

4.2 Mixing and Casting Operations

1. Emission Units and Operations

Emission Units	*Pollutants Being Regulated*	*Original Construction Date*	*Modification/ Reconstruction Date*	*Air Pollution Control Devices or Measures*	*Monitoring Devices*
Casting/Mixing Area:					
Batch Casting: open vessel method (Gruber Model 350 and Marmax Model 250 Batch Mixers)		August 1989			
Continuous Casting: (GISCO Model AM-40 mixer)		August 1989			
Solid Surface Casting - Closed Vessel Mixing: Closed vessel vacuum batch mixing (Gruber Model 250 and Gruber GE 1700 (375 lb) vacuum batch mixers)	Opacity, PM, VOM/HAP	August 1989 & 2002	N/A	None: Vented within the Building	None
With maintenance cleaning, casting and mold storage areas, and a electrically heated curing oven					

2. Applicable Requirements

For the emission units in Condition 4.2.1 above, the Permittee shall comply with the following applicable requirements pursuant to Sections 39.5(7)(a), 39.5(7)(b), and 39.5(7)(d) of the Act.

a. i. Opacity Requirements

A. Pursuant to 35 IAC 212.123(a), no person shall cause or allow the emission of smoke or other particulate matter, with an opacity greater than 30 percent, into the atmosphere from any emission unit other than those emission units subject to 35 IAC 212.122.

ii. Periodic Monitoring Compliance Method (Opacity Requirements)

Monitoring

A. Pursuant to Sections 39.5(7)(b) and (d) of the Act, the Permittee shall perform observations for visible emissions and/or opacity on each external process vent or exhaust in accordance with Method 22 for visible emissions at least once every calendar year. If visible emissions are observed, the Permittee shall take corrective action within 4 hours of such observation.

Corrective action may include, but is not limited to the following: maintenance and repair and/or adjustment of the affected process. If corrective action was taken the Permittee shall perform a follow-up observation for visible emissions in accordance with Method 22. If visible emissions continue, then measurements of opacity in accordance with Method 9 and Section 7.1 shall be conducted within 7 days in accordance with Condition 2.4.

Recordkeeping

B. Pursuant to 39.5(7)(b) and (e) of the Act, the Permittee shall collect and maintain the following records of the visible emissions and/or opacity observations required by Condition 4.2.2(a)(ii)(A). These records shall include the following:

I. Copies of all field data sheets required by USEPA Methods 9 and/or 22 which includes but is not limited to the following:

1. Date and time the observations were performed;

2. Name(s) of observing personnel and their affiliation;

3. The total elapsed time for each observation, i.e., the observation period, pursuant to the method used;

4. Identification of the equipment which was observed; and

5. The findings of the observation including the presence of any visible emissions;

II. Notes as to whether or not the equipment was running properly;

III. If applicable, a description of any corrective action taken including if the corrective action took place within 4 hours of the observation.

b. i. <u>Particulate Matter Requirements (PM)</u>

A. Pursuant to 35 IAC 212.321, no person shall cause or allow the emission of particulate matter into the atmosphere in any one hour period from any new process emission unit which, either alone or in combination with the emission of particulate matter from all other similar process emission units for which construction or modification commenced on or after April 14, 1972, at a source or premises, to exceed the allowable emission rates specified in 35 IAC 212.321(c) and Section 7.2.

ii. <u>Periodic Monitoring Compliance Method (PM Requirements)</u>

Monitoring

A. Pursuant to 39.5(7)(b) and (d)(ii) of the Act, the Permittee shall perform a monthly inspection of all process and vent filters to ensure proper operation of the applicable emission units listed above.

Recordkeeping

B. Pursuant to 39.5(7)(b) and (e) of the Act, the Permittee shall keep and maintain the following records:

I. Records of the periodic inspection of the fabric filters, required in Condition 4.2.2(b)(ii)(A), which include the date of the inspections and its results.

II. Records for prompt repair of defects, with identification and description of defect, effect on emissions, date identified, date repaired and nature of repair.

III. Demonstration of compliance based upon either each affected emission unit's average hourly PM emission rate or maximum hourly potential to emit, including copies of all data, assumptions, and calculations used to determine PM emissions for each emission unit.

c. i. <u>Volatile Organic Material Requirements (VOM)</u>

A. Pursuant to 35 IAC 219.301, no person shall cause or allow the discharge of more than 3.6 kg/hr (8 lb/hr) of organic material into the atmosphere from any emission unit, except as provided in 35 IAC 219.302, 219.303, or 219.304.

B. Pursuant to construction Permit #02070030, VOM emissions from the Gruber GE 1700 (375 lb) vacuum batch mixer and associated electric curing oven, shall not exceed 0.30 lb/hour and 1.33 tons/year:

ii. <u>Compliance Method (VOM Requirements)</u>

Recordkeeping

A. Pursuant to Section 39.5(b) and (d) of the Act, the Permittee shall keep the following records:

I. Daily and monthly records of the hours of operation for each affected emission unit; and

II. Quantity and the VOM content of VOM material used in each affected emission unit (lb/mo and lb/yr);

III. Monthly demonstration of compliance with the limitations in Condition 4.2.2(c)(i)(A) and (B) and 35 IAC 218.301 and construction Permit #02070030 based upon either affected emission unit's average hourly VOM emission rate or maximum hourly potential to emit, including copies of all data, assumptions, and calculations used to determine VOM emissions.

d. i. <u>Hazardous Air Pollutant Requirements (HAP)</u>

A. I. Pursuant to 40 CFR 63.5805(b) and Table 4 to Subpart WWWW of Part 63, the Permittee must meet the following work practice standards:

1. Cleaning operation: The Permittee must not use cleaning solvents that contain HAP except that styrene may be used as a cleaner in closed systems, and organic HAP containing cleaners may be used to clean cured resin from application equipment. Application equipment includes any equipment that directly contacts resin.

2. HAP-containing materials storage operation: The Permittee must keep containers that store HAP-containing materials closed or covered except during the addition or removal of materials.

3. Mixing Operations* - The Permittee must:

(a) Use mixer covers with no visible gaps present in the mixer covers, except that gaps of up to 1 inch are permissible around mixer shafts and any required instrumentation;

(b) Close any mixer vents when actual mixing is occurring, except that venting is allowed during addition of materials, or as necessary prior to adding materials or opening the cover for safety. Vents routed to a 95 percent efficient control device are exempt from this requirement; and

(c) Keep the mixer covers closed while actual mixing is occurring except when adding materials or changing covers to the mixing vessels.

* Containers of 5 gallons or less may be open when active mixing is taking place, or during periods when they are in process (i.e., they are actively being used to apply resin). For polymer casting mixing operations, containers with a surface area of 500 square inches or less may be open while active mixing is taking place.

II. Pursuant to 40 CFR 63.5835(a), the Permittee must be in compliance at all times with the work practice standards in Condition 4.2.2(d)(i)(A)(I) and Table 4 to 40 CFR 63 Subpart WWWW, as well as the organic HAP emissions limits in Tables 3 to 40 CFR 63 Subpart WWWW, as applicable, regardless.

III. Pursuant to 40 CFR 63.5835(c), the Permittee must always operate and maintain the affected source according to the “Operation and maintenance requirements” in 40 CFR 63.6(e)(1)(i):

VI. Pursuant to 40 CFR 63.5925, the Permittee must comply with the applicable General Provisions in 40 CFR 63.1 through 63.15 listed in Section 7.3(a) and Table 15 to 40 CFR 63 Subpart WWWW.

ii. <u>Compliance Method (HAP Requirements)</u>

Monitoring

A. I. Pursuant to 40 CFR 63.5900(a)(4), the Permittee must demonstrate continuous compliance with the standard in Condition 4.3.2(b)(i)(A)(I) and 40 CFR 63.5805(b) by performing the work practice specified in Table 4 to 40 CFR 63 Subpart WWWW.

II. Pursuant to 39.5(7)(b) and (d)(ii) of the Act, the Permittee shall conduct a monthly compliance verification inspection of the operations listed in Condition 4.2.2(d)(i)(A)(I) and Table 4 to Subpart WWWW of Part 63.

III. Pursuant to 39.5(7)(b) and (c) of the Act, in order to determine the organic HAP content of fresh solvents, the Permittee may rely on information provided by the material manufacturer, such as manufacturer’s formulation data and material safety data sheets (MSDS).

Recordkeeping

B. I. 1. Pursuant to 40 CFR 63.5915(a)(1), the Permittee must keep and maintain a copy of each notification and report submitted to comply with 40 CFR 63 Subpart WWWW, including all documentation supporting any Initial Notification or Notification of Compliance Status submitted, according to the requirements in 40 CFR 63.10(b)(2)(xiv).

2. Pursuant to 40 CFR 63.5915(d), the Permittee must keep and maintain a certified statement that the source is in compliance with the work practice requirements in Condition 4.2.2(d)(i)(A)(I) and Table 4 to 40 CFR 63 Subpart WWWW.

II. Pursuant to Section 39.5(7)(b) and (e) of the Act, the Permittee must record and maintain the following information to document that the source will be in compliance with the applicable work practice standards requirements in Condition 4.2.2(d)(i)(A)(I) and Table 4 to 40 CFR 63 Subpart WWWW and the compliance verification requirements in Condition 4.2.2(d)(ii)(A):

1. Records of the cleaning solvents usage; organic HAP content if any; and any instances of noncompliance with Condition 4.2.2(d)(i)(A)(I)(a) and Table 4 to 40 CFR 63 Subpart WWWW.

2. The date, time and duration of monthly inspections, as required in Conditions 4.2.2(d)(ii)(A), performed to confirm compliance with the work practice standard requirements in Condition 4.2.2(d)(i)(A)(I) and Table 4 to 40 CFR 63 Subpart WWWW; and

3. A maintenance log for covers on vats, vessels, and tanks, detailing all routine and non-routine maintenance performed and initial use of new covers, including dates of such activities.

3. Non-Applicability Determinations

a. The affected polyester resin product manufacturing processes are not subject to 35 IAC Part 219 Supbarts PP: Miscellaneous Fabricated Product Manufacturing Processes; QQ: Miscellaneous Formulation Manufacturing Processes; and TT: Other Emission Units because the affected emission units do not meet the applicability criteria shown in 35 IAC 219.920(a), 219.940(a), or 219.980(a), respectively. Specifically, because as a group the source's miscellaneous fabricated product manufacturing process emission units, miscellaneous formulation manufacturing process emission units, and the source’s other VOM emission units, which are not included within any of the categories specified in Subparts B, E, F, H, Q, R, S, T, V, X, Y, Z, AA, BB, PP, QQ, or RR of 35 IAC Part 219 do not have “maximum theoretical emissions of 91 Mg (100 tons) or more per calendar year of VOM if no air pollution control equipment were used”.

b. The affected polyester resin product manufacturing processes are not subject to 40 CFR 63, Subparts U and JJJ: National Emission Standards for Hazardous Air Pollutants: Group I and IV Polymers and Resins, because the source does not meet the applicability requirements of these subparts [40 CFR 63.480 and 63.1310, respectively].

c. The affected polyester resin product manufacturing processes are not subject to 40 CFR Part 64, Compliance Assurance Monitoring (CAM) for Major Stationary Sources because the affected polyester resin product manufacturing processes do not use an add-on control device to achieve compliance with an emission limitation or standard pursuant to 40 CFR 64.2(b)(1)(i).

4. Other Requirements

As of the date of issuance of this permit, there are no other requirements that need to be included in this Condition.

5. Reporting Requirements

The Permittee shall submit the following information pursuant to Section 39.5(7)(f) of the Act. Addresses are included in Attachment 3.

a. Prompt Reporting

i. A. Pursuant to Section 39.5(7)(f)(ii) of the Act, the Permittee shall promptly notify the IEPA, Air Compliance Section, within 30 days of deviations from applicable requirements as follows unless a different period is specified by a particular permit provision, i.e., NSPS or NESHAP requirement:

I. Requirements in Conditions 4.2.2(a)(i), 4.2.2(b)(i), 4.2.2(c)(i)and 4.2.2(d)(i).

B. All such deviations shall be summarized and reported as part of the Semiannual Monitoring Report required by Condition 3.5(b).

ii. The Permittee shall notify the IEPA, Air Compliance Section, of all other deviations as part of the Semiannual Monitoring Reports required by Condition 3.5(b).

iii. The deviation reports shall contain at a minimum the following information:

A. Date and time of the deviation.

B. Emission unit(s) and/or operation involved.

C. The duration of the event.

D. Probable cause of the deviation.

E. Corrective actions or preventative measures taken.

b. Federal Reporting

Pursuant to 40 CFR 63 Subpart WWWW, the Permittee must submit the notifications and compliance and deviation reports required in Condition 3.5(d).

c. Other Reporting

ii. Pursuant to nonapplicabilty statements in Condition 4.2.3(a) and the reporting requirement in 35 IAC 219.990, upon request by the Illinois EPA, the owner or operator of an emission unit which is exempt from the requirements of 35 IAC 219 Subparts PP, QQ, or TT shall submit records to the Illinois EPA within 30 calendar days from the date of the request that document that the emission unit is exempt from those requirements.

Pursuant to Section 39.5(7)(f) of the Act, the notification report required above shall include all data, assumptions, and calculations used to document that the emission unit is exempt.

4.3 6,400 Gallon Aboveground Storage Tank - (Styrene Resin)

1. Emission Units and Operations

Emission Units	*Pollutants Being Regulated*	*Original Construction Date*	*Modification/ Reconstruction Date*	*Air Pollution Control Devices or Measures*	*Monitoring Devices*
6,400 Gallon Aboveground Storage Tank (Styrene Resin)	VOM/HAP	August 1989	N/A	Submerged Loading Pipe	None

2. Applicable Requirements

For the emission units in Condition 4.3.1 above, the Permittee shall comply with the following applicable requirements pursuant to Sections 39.5(7)(a), 39.5(7)(b), and 39.5(7)(d) of the Act.

a. i. Volatile Organic Material Requirements (VOM)

A. Pursuant to 35 IAC 219.122(b), no person shall cause or allow the loading of any organic material into any stationary tank having a storage capacity of greater than 946 l (250 gal), unless such tank is equipped with a permanent submerged loading pipe.

ii. Compliance Method (VOM Requirements)

Monitoring

A. Pursuant to Section 39.5(7)(b) and (d) of the Act, the Permittee shall conduct semi-annual compliance inspections of the tank to verify the presence and integrity of submerged loading pipe(s).

Recordkeeping

B. Pursuant to Section 39.5(7)(b) and (e) of the Act, the Permittee shall keep the following records:

I. Design information for the tanks showing the presence of a permanent submerged loading pipe;

II. Semi-annual compliance inspections;

III. Maintenance and repair records, as related to the repair or replacement of the submerged loading pipe.

b. i. Hazardous Air Pollutant Requirements (HAP)

40 CFR 63 Subpart WWWW – National Emissions Standards for Hazardous Air Pollutants: Reinforced Plastic Composites Production.

A. I. Pursuant to 40 CFR 63.5805(b) and 63.5835(a) and Table 4 to Subpart WWWW of Part 63, the Permittee must be in compliance at all times with the following work practice standard:

1. HAP-containing materials storage operation: The Permittee must keep containers that store HAP-containing materials closed or covered except during the addition or removal of materials.

II. Pursuant to 40 CFR 63.5835(c), the Permittee must always operate and maintain the affected source according to the “Operation and maintenance requirements” in 40 CFR 63.6(e)(1)(i):

III. Pursuant to 40 CFR 63.5925, the Permittee must comply with the applicable General Provisions in 40 CFR 63.1 through 63.15 listed in Section 7.3(a) and Table 15 to 40 CFR 63 Subpart WWWW.

ii. Compliance Method (HAP Requirements)

Monitoring

A. I. Pursuant to 40 CFR 63.5900(a)(4), the Permittee must demonstrate continuous compliance with the standard in Condition 4.3.2(b)(i)(A)(I) and 40 CFR 63.5805(b) by performing the work practice specified in Table 4 to 40 CFR 63 Subpart WWWW.

II. Pursuant to 39.5(7)(b) and (d)(ii) of the Act, the Permittee shall conduct a monthly compliance verification inspection of the operations listed in Table 4 to Subpart WWWW of Part 63.

Recordkeeping

B. I. 1. Pursuant to 40 CFR 63.5915(a)(1), the Permittee must keep and maintain a copy of each notification and report submitted to comply with 40 CFR 63 Subpart WWWW, including all documentation supporting any Initial Notification or Notification of Compliance Status submitted, according to the requirements in 40 CFR 63.10(b)(2)(xiv).

2. Pursuant to 40 CFR 63.5915(d), the Permittee must keep and maintain a certified statement that the source is in compliance with the work practice requirements in Condition 4.3.2(b)(i)(A)(I) and Table 4 to 40 CFR 63 Subpart WWWW.

II. Pursuant to Section 39.5(7)(b) and (e) of the Act, the Permittee must record and maintain the following information to document that the source will be in compliance with the applicable work practice standards requirements in Condition 4.3.2(b)(i)(A)(I) and Table 4 to 40 CFR 63 Subpart WWWW and the compliance verification requirements in Condition 4.3.2(b)(ii)(A):

1. The date, time and duration of monthly inspections, as required in Conditions 4.3.2(b)(ii)(A), performed to confirm compliance with the work practice standard requirements in Condition 4.3.2(b)(i)(A)(I) and Table 4 to 40 CFR 63 Subpart WWWW; and

2. A maintenance log for covers on vats, vessels, and tanks, detailing all routine and non-routine maintenance performed and initial use of new covers, including dates of such activities.

3. Non-Applicability Determinations

a. Pursuant 40 CFR 60.110b(a), the 6,400 Gallon Aboveground Storage Tank is not subject to the New Source Performance Standards (NSPS) for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984, 40 CFR Part 60 Subpart Kb, because the 6,400 Gallon Aboveground Storage Tank's storage capacity is less than 75 m^3 (19,813 gallons).

b. Pursuant to 35 IAC 219.119, the 6,400 Gallon Aboveground Storage Tank is not subject to 35 IAC 219.120, because the 6,400 Gallon Aboveground Storage Tank's storage capacity is less than 40,000 gallons.

c. Pursuant to 35 IAC 219.121, the 6,400 Gallon Aboveground Storage Tank is not subject to 35 IAC 219.121, because the 6,400 Gallon Aboveground Storage Tank does not store volatile petroleum liquid (VPL) and its storage capacity is less than 40,000 gallons.

d. Pursuant to 35 IAC 219.121(c), the 6,400 Gallon Aboveground Storage Tank is not subject to 35 IAC 219.121(b), because the 6,400 Gallon Aboveground Storage Tank's stores VOL with a vapor pressure of less than 17.24 kPa (2.5 psia) at 294.3° K (70 F°).

e. The affected 6,400 Gallon Aboveground Storage Tank is not subject to 35 IAC Part 219 Supbarts PP: Miscellaneous Fabricated Product Manufacturing Processes; QQ: Miscellaneous Formulation Manufacturing Processes; and TT: Other Emission Units because the affected emission unit does not meet the applicability criteria shown in 35 IAC 219.920(a), 219.940(a), or 219.980(a), respectively. Specifically, because the affected 6,400 Gallon Aboveground Storage Tank is included within the categories specified in Subparts B of 35 IAC Part 219".

f. The 6,400 Gallon Aboveground Storage Tank is not subject to 40 CFR Part 64, Compliance Assurance Monitoring (CAM) for Major Stationary Sources, because the 6,400 Gallon Aboveground Storage Tank does not have potential pre-control device emissions of the applicable regulated air pollutant that equals or exceeds major source threshold levels.

4. Other Requirements

As of the date of issuance of this permit, there are no other requirements that need to be included in this Condition.

5. Reporting Requirements

The Permittee shall submit the following information pursuant to Section 39.5(7)(f) of the Act. Addresses are included in Attachment 3.

a. <u>Prompt Reporting</u>

i. A. Pursuant to Section 39.5(7)(f)(ii) of the Act, the Permittee shall promptly notify the IEPA, Air Compliance Section, within 30 days of deviations from applicable requirements as follows unless a different period is specified by a particular permit provision, i.e., NSPS or NESHAP requirement:

I. Requirements in Conditions 4.3.2(a)(i) and 4.3.2(b)(i).

B. All such deviations shall be summarized and reported as part of the Semiannual Monitoring Report required by Condition 3.5(b).

ii. The Permittee shall notify the IEPA, Air Compliance Section, of all other deviations as part of the Semiannual Monitoring Reports required by Condition 3.5(b).

iii. The deviation reports shall contain at a minimum the following information:

A. Date and time of the deviation.

B. Emission unit(s) and/or operation involved.

C. The duration of the event.

D. Probable cause of the deviation.

E. Corrective actions or preventative measures taken.

b. Federal Reporting

Pursuant to 40 CFR 63 Subpart WWWW, the Permittee must submit the notifications and compliance and deviation reports required in Condition 3.5(d).

Section 5 – Additional Title I Requirements

This Section is reserved for Title I requirements not specified in Sections 3 or 4. As of the date of issuance of this permit, there are no Title I requirements that need to be separately addressed in this Section.

Section 6 – Insignificant Activities Requirements

1. Insignificant Activities Subject to Specific Regulations

This condition is reserved for insignificant activities, as defined in 35 IAC 201.210 and 201.211, which are subject to specific standards promulgated pursuant Sections 111, 112, 165, or 173 of the Clean Air Act, see Sections 9.1(d) and 39.5(6)(a) of the Act. As of the date of issuance of this permit, there are no such insignificant activities present at the source.

2. Insignificant Activities in 35 IAC 201.210(a)

In addition to any insignificant activities identified in Condition 6.1, the following additional activities at the source constitute insignificant activities pursuant to 35 IAC 201.210 and 201.211:

Insignificant Activity	*Number of Units*	*Insignificant Activity Category*
Direct combustion units used for comfort heating and fuel combustion emission units as further detailed in 35 IAC 201.210(a)(4).	4	35 IAC 201.210(a)(4)

3. Insignificant Activities in 35 IAC 201.210(b)

Pursuant to 35 IAC 201.210, the source has identified insignificant activities as listed in 35 IAC 201.210(b)(1) through (28) as being present at the source. The source is not required to individually list the activities.

4. Applicable Requirements

Insignificant activities in Conditions 6.1 and 6.2 are subject to the following general regulatory limits notwithstanding status as insignificant activities. The Permittee shall comply with the following requirements, as applicable:

a. Pursuant to 35 IAC 212.123(a), no person shall cause or allow the emission of smoke or other particulate matter, with an opacity greater than 30 percent, into the atmosphere from any emission unit other than those emission units subject to 35 IAC 212.122, except as provided in 35 IAC 212.123(b).

b. Pursuant to 35 IAC 212.321 or 212.322 (see Conditions 7.2(a) and (b)), no person shall cause or allow the emission of particulate matter into the atmosphere in any one hour period from any process emission unit which, either alone or in combination with the emission of particulate matter from all other similar process emission units at a source or premises, exceed the allowable emission rates specified 35 IAC 212.321 or 212.322 and 35 IAC Part 266.

5. Compliance Method

Pursuant to Section 39.5(7)(b) of the Act, the source shall maintain records of the following items for the insignificant activities in Conditions 6.1 and 6.2:

a. List of all insignificant activities, including insignificant activities added as specified in Condition 6.6, the categories the insignificant activities fall under, and supporting calculations as needed.

b. Potential to emit emission calculations before any air pollution control device for each insignificant activity.

6. Notification Requirements for Insignificant Activities

The source shall notify the IEPA accordingly to the addition of insignificant activities:

a. Notification 7 Days in Advance

i. Pursuant to 35 IAC 201.212(b), 35 IAC 201.146(kkk), and Sections 39.5(12)(a) and (b) of the Act; for the addition of an insignificant activity that would be categorized under 35 IAC 201.210(a)(1) and 201.211 and is not currently identified in Conditions 6.1 or 6.2, a notification to the IEPA Permit Section 7 days in advance of the addition of the insignificant activity is required. A construction permit is not required. Addresses are included in Attachment 3. The notification shall include the following pursuant to 35 IAC 201.211(b):

A. A description of the emission unit including the function and expected operating schedule of the unit.

B. A description of any air pollution control equipment or control measures associated with the emission unit.

C. The emissions of regulated air pollutants in lb/hr and ton/yr.

D. The means by which emissions were determined or estimated.

E. The estimated number of such emission units at the source.

F. Other information upon which the applicant relies to support treatment of such emission unit as an insignificant activity.

ii. Pursuant to 35 IAC 201.212(b), 35 IAC 201.146(kkk), and Sections 39.5(12)(a) and (b) of the Act; for the addition of an insignificant activity that would be categorized under 35 IAC 201.210(a)(2) through 201.210(a)(18) and is not currently identified in Conditions 6.1 or 6.2, a notification to the IEPA Permit Section 7 days in advance of the addition of the insignificant activity is required. A construction permit is not required. Addresses are included in Attachment 3.

iii. Pursuant to Sections 39.5(12)(a)(i)(b) and 39.5(12)(b)(iii) of the Act, the permit shield described in Section 39.5(7)(j) of the Act (see Condition 2.7) shall not apply to any change made in Condition 6.6(a) above.

b. Notification Required at Renewal

Pursuant to 35 IAC 201.212(a) and 35 IAC 201.146(kkk), for the addition of an insignificant activity that would be categorized under 35 IAC 201.210(a) and is currently identified in Conditions 6.1 or 6.2, a notification is not required until the renewal of this permit. A construction permit is not required.

c. Notification Not Required

Pursuant to 35 IAC 201.212(c) and 35 IAC 201.146(kkk), for the addition of an insignificant activity that would be categorized under 35 IAC 201.210(b) as describe in Condition 6.3, a notification is not required. A construction permit is not required.

Section 7 – Other Requirements

1. Testing

a. Pursuant to Section 39.5(7)(a) of the Act, a written test protocol shall be submitted at least sixty (60) days prior to the actual date of testing, unless it is required otherwise in applicable state or federal statutes. The IEPA may at the discretion of the Compliance Section Manager (or designee) accept protocol less than 60 days prior to testing provided it does not interfere with the IEPA's ability to review and comment on the protocol and does not deviate from the applicable state or federal statutes. The protocol shall be submitted to the IEPA, Compliance Section and IEPA, Stack Test Specialist for its review. Addresses are included in Attachment 3. This protocol shall describe the specific procedures for testing, including as a minimum:

i. The name and identification of the emission unit(s) being tested.

ii. Purpose of the test, i.e., permit condition requirement, IEPA or USEPA requesting test.

iii. The person(s) who will be performing sampling and analysis and their experience with similar tests.

iv. The specific conditions under which testing will be performed, including a discussion of why these conditions will be representative of maximum emissions and the means by which the operating parameters for the emission unit and any control equipment will be determined.

v. The specific determinations of emissions and operation which are intended to be made, including sampling and monitoring locations.

vi. The test method(s) that will be used, with the specific analysis method, if the method can be used with different analysis methods. Include if emission tests averaging of 35 IAC 283 will be used.

vii. Any minor changes in standard methodology proposed to accommodate the specific circumstances of testing, with detailed justification. This shall be included as a waiver of the test procedures. If a waiver has already been obtained by the IEPA or USEPA, then the waiver shall be submitted.

viii. Any proposed use of an alternative test method, with detailed justification. This shall be included as a waiver of the test procedures. If a waiver has already been obtained by the IEPA or USEPA, then the waiver shall be submitted.

ix. Sampling of materials, QA/QC procedures, inspections, etc.

b. The IEPA, Compliance Section shall be notified prior to these tests to enable the IEPA to observe these tests pursuant to Section 39.7(a) of the Act as follows:

i. Notification of the expected date of testing shall be submitted in writing a minimum of thirty (30) days prior to the expected test date, unless it is required otherwise in applicable state or federal statutes.

ii. Notification of the actual date and expected time of testing shall be submitted in writing a minimum of five (5) working days prior to the actual date of the test. The IEPA may at its discretion of the Compliance Section Manager (or designee) accept notifications with shorter advance notice provided such notifications will not interfere with the IEPA's ability to observe testing.

c. Copies of the Final Report(s) for these tests shall be submitted to the IEPA, Compliance Section within fourteen (14) days after the test results are compiled and finalized but

no later than ninety (90) days after completion of the test, unless it is required otherwise in applicable state or federal statutes or the IEPA may at the discretion of the Compliance Section Manager (or designee) an alternative date is agreed upon in advance pursuant to Section 39.7(a) of the Act. The Final Report shall include as a minimum:

i. General information including emission unit(s) tested.

ii. A summary of results.

iii. Discussion of conditions during each test run (malfunction/breakdown, startup/shutdown, abnormal processing, etc.).

iv. Description of test method(s), including description of sampling points, sampling train, analysis equipment, and test schedule.

v. Detailed description of test conditions, including:

A. Process information, i.e., mode(s) of operation, process rate, e.g. fuel or raw material consumption.

B. Control equipment information, i.e., equipment condition and operating parameters during testing.

C. A discussion of any preparatory actions taken, i.e., inspections, maintenance and repair.

vi. Data and calculations, including copies of all raw data sheets and records of laboratory analyses, sample calculations, and data on equipment calibration.

vii. An explanation of any discrepancies among individual tests or anomalous data.

viii. Results of the sampling of materials, QA/QC procedures, inspections, etc.

ix. Discussion of whether protocol was followed and description of any changes to the protocol if any occurred.

x. Demonstration of compliance showing whether test results are in compliance with applicable state or federal statutes.

d. Copies of all test reports and other test related documentation shall be kept on site as required by Condition 2.5(b) pursuant to Section 39.5(7)(e)(ii) of the Act.

2. PM Process Weight Rate Requirements

a. New Process Emission Units - 35 IAC 212.321

New Process Emission Units For Which Construction or Modification Commenced On or After April 14, 1972 [35 IAC 212.321].

i. No person shall cause or allow the emission of PM into the atmosphere in any one hour period from any new process emission unit which, either alone or in combination with the emission of PM from all other similar process emission units for which construction or modification commenced on or after April 14, 1972, at a source or premises, exceeds the allowable emission rates specified in 35 IAC 212.321(c). See Condition 7.2(a)(iii) below. [35 IAC 212.321(a)]

ii. Interpolated and extrapolated values of the data in 35 IAC 212.321(c) shall be determined by using the equation: [35 IAC 212.321(b)]

$$E = A(P)^B$$

Where:

P = Process weight rate (T/hr)
E = Allowable emission rate (lbs/hr)

A. Process weight rates of less than 450 T/hr:

A = 2.54
B = 0.53

B. Process weight rates greater than or equal to 450 T/hr:

A = 24.8
B = 0.16

iii. Limits for New Process Emission Units [35 IAC 212.321(c)]:

P (T/hr)	E (lbs/hr)	P (T/hr)	E (lbs/hr)
0.05	0.55	25.00	14.00
0.10	0.77	30.00	15.60
0.20	1.10	35.00	17.00
0.30	1.35	40.00	18.20
0.40	1.58	45.00	19.20
0.50	1.75	50.00	20.50
0.75	2.40	100.00	29.50
1.00	2.60	150.00	37.00
2.00	3.70	200.00	43.00
3.00	4.60	250.00	48.50
4.00	5.35	300.00	53.00
5.00	6.00	350.00	58.00
10.00	8.70	400.00	62.00
15.00	10.80	450.00	66.00
20.00	12.50	500.00	67.00

3. 40 CFR 63 Subpart A Requirements (NESHAP)

~~a~~. 40 CFR 63 Subpart A and Subpart WWWW—National Emissions Standards for Hazardous Air Pollutants: Reinforced Plastic Composites Production

Pursuant to 40 CFR 63 Subpart A and Subpart WWWW (i.e., pursuant to 40 CFR 63.5925 and Table 15 to Subpart WWWW of Part 63—Applicability of General Provisions (Subpart A) to Subpart WWWW of Part 63); the Permittee must comply with the applicable General Provisions according to the following:

General Provision Citation	Subject of Citation	General Provision Applicable?	Explanation (if required)
§63.1(a)(1)	General applicability of the general provisions	Yes	Additional terms defined in subpart WWWW of Part 63, when overlap between subparts A and WWWW of Part 63 of this part, subpart WWWW of Part 63 takes precedence.
§63.1(a)(2) through (4)	General applicability of the general provisions	Yes	
§63.1(a)(5)	Reserved	No	
§63.1(a)(6)	General applicability of the general provisions	Yes	
§63.1(a)(7) through (9)	Reserved	No	
§63.1(a)(10) through (14)	General applicability of the general provisions	Yes	
§63.1(b)(1)	Initial applicability determination	Yes	Subpart WWWW of Part 63 clarifies the applicability in §§63.5780 and 63.5785.
§63.1(b)(2)	Reserved	No.	
§63.1(b)(3)	Record of the applicability determination	Yes	
§63.1(c)(1)	Applicability of this part after a relevant standard has been set under this part	Yes	Subpart WWWW of Part 63 clarifies the applicability of each paragraph of subpart A to sources subject to subpart WWWW of Part 63.
§63.1(c)(2)	Title V operating permit requirement	Yes	All major affected sources are required to obtain a title V operating permit. Area sources are not subject to subpart WWWW of Part 63.
§63.1(c)(3) and (4)	Reserved	No	
§63.1(c)(5)	Notification requirements for an area source that increases HAP emissions to major source levels	Yes	
§63.1(d)	Reserved	No	
§63.1(e)	Applicability of permit program before a relevant standard has been set under this part	Yes	

General Provision Citation	Subject of Citation	General Provision Applicable?	Explanation (if required)
§63.2	Definitions	Yes	Subpart WWWW of Part 63 defines terms in §63.5935. When overlap between subparts A and WWWW of Part 63 occurs, you must comply with the subpart WWWW of Part 63 definitions, which take precedence over the subpart A definitions.
§63.3	Units and abbreviations	Yes	Other units and abbreviations used in subpart WWWW of Part 63 are defined in subpart WWWW of Part 63.
§63.4	Prohibited activities and circumvention	Yes	§63.4(a)(3) through (5) is reserved and does not apply.
§63.5(a)(1) and (2)	Applicability of construction and reconstruction	Yes	Existing facilities do not become reconstructed under subpart WWWW of Part 63.
§63.5(b)(1)	Relevant standards for new sources upon construction	Yes	Existing facilities do not become reconstructed under subpart WWWW of Part 63.
§63.5(b)(2)	Reserved	No	
§63.5(b)(3)	New construction/reconstruction	Yes	Existing facilities do not become reconstructed under subpart WWWW of Part 63.
§63.5(b)(4)	Construction/reconstruction notification	Yes	Existing facilities do not become reconstructed under subpart WWWW of Part 63.
§63.5(b)(5)	Reserved	No	
§63.5(b)(6)	Equipment addition or process change	Yes	Existing facilities do not become reconstructed under subpart WWWW of Part 63.
§63.5(c)	Reserved	No	
§63.5(d)(1)	General application for approval of construction or reconstruction	Yes	Existing facilities do not become reconstructed under subpart WWWW of Part 63.
§63.5(d)(2)	Application for approval of construction	Yes	
§63.5(d)(3)	Application for approval of reconstruction	No	
§63.5(d)(4)	Additional information	Yes	
§63.5(e)(1) through (5)	Approval of construction or reconstruction	Yes	
§63.5(f)(1) and (2)	Approval of construction or reconstruction based on prior State preconstruction review	Yes	
§63.6(a)(1)	Applicability of compliance with standards and maintenance requirements	Yes	
§63.6(a)(2)	Applicability of area sources that increase HAP emissions to become major sources	Yes	
§63.6(b)(1) through (5)	Compliance dates for new and reconstructed sources	Yes	Subpart WWWW of Part 63 clarifies compliance dates in §63.5800.

General Provision Citation	Subject of Citation	General Provision Applicable?	Explanation (if required)
§63.6(b)(6)	Reserved	No	
§63.6(b)(7)	Compliance dates for new operations or equipment that cause an area source to become a major source	Yes	New operations at an existing facility are not subject to new source standards.
§63.6(c)(1) and (2)	Compliance dates for existing sources	Yes	Subpart WWWW of Part 63 clarifies compliance dates in §63.5800.
§63.6(c)(3) and (4)	Reserved	No	
§63.6(c)(5)	Compliance dates for existing area sources that become major	Yes	Subpart WWWW of Part 63 clarifies compliance dates in §63.5800.
§63.6(d)	Reserved	No	
§63.6(e)(1) and (2)	Operation & maintenance requirements	Yes	
§63.6(e)(3)	Startup, shutdown, and malfunction plan and recordkeeping	Yes	Subpart WWWW of Part 63 requires a startup, shutdown, and malfunction plan only for sources using add-on controls.
§63.6(f)(1)	Compliance except during periods of startup, shutdown, and malfunction	No	Subpart WWWW of Part 63 requires compliance during periods of startup, shutdown, and malfunction, except startup, shutdown, and malfunctions for sources using add-on controls.
§63.6(f)(2) and (3)	Methods for determining compliance	Yes	
§63.6(g)(1) through (3)	Alternative standard	Yes	
§63.6(h)	Opacity and visible emission Standards	No	Subpart WWWW of Part 63 does not contain opacity or visible emission standards.
§63.6(i)(1) through (14)	Compliance extensions	Yes	
§63.6(i)(15)	Reserved	No	
§63.6(i)(16)	Compliance extensions	Yes	
§63.6(j)	Presidential compliance exemption	Yes	
§63.7(a)(1)	Applicability of performance testing requirements	Yes	
§63.7(a)(2)	Performance test dates	No	Subpart WWWW of Part 63 initial compliance requirements are in §63.5840.
§63.7(a)(3)	CAA Section 114 authority	Yes	
§63.7(b)(1)	Notification of performance test	Yes	
§63.7(b)(2)	Notification rescheduled performance test	Yes	
§63.7(c)	Quality assurance program, including test plan	Yes	Except that the test plan must be submitted with the notification of the performance test.

General Provision Citation	Subject of Citation	General Provision Applicable?	Explanation (if required)
§63.7(d)	Performance testing facilities	Yes	
§63.7(e)	Conditions for conducting performance tests	Yes	Performance test requirements are contained in §63.5850. Additional requirements for conducting performance tests for continuous lamination/casting are included in §63.5870.
§63.7(f)	Use of alternative test method	Yes	
§63.7(g)	Performance test data analysis, recordkeeping, and reporting	Yes	
§63.7(h)	Waiver of performance tests	Yes	
§63.8(a)(1) and (2)	Applicability of monitoring requirements	Yes	
§63.8(a)(3)	Reserved	No	
§63.8(a)(4)	Monitoring requirements when using flares	Yes	
§63.8(b)(1)	Conduct of monitoring exceptions	Yes	
§63.8(b)(2) and (3)	Multiple effluents and multiple monitoring systems	Yes	
§63.8(c)(1)	Compliance with CMS operation and maintenance requirements	Yes	This section applies if you elect to use a CMS to demonstrate continuous compliance with an emission limit.
§63.8(c)(2) and (3)	Monitoring system installation	Yes	This section applies if you elect to use a CMS to demonstrate continuous compliance with an emission limit.
§63.8(c)(4)	CMS requirements	Yes	This section applies if you elect to use a CMS to demonstrate continuous compliance with an emission limit.
§63.8(c)(5)	Continuous Opacity Monitoring System (COMS) minimum procedures	No	Subpart WWWW of Part 63 does not contain opacity standards.
§63.8(c)(6) through (8)	CMS calibration and periods CMS is out of control	Yes	This section applies if you elect to use a CMS to demonstrate continuous compliance with an emission limit.
§63.8(d)	CMS quality control program, including test plan and all previous versions	Yes	This section applies if you elect to use a CMS to demonstrate continuous compliance with an emission limit.
§63.8(e)(1)	Performance evaluation of CMS	Yes	This section applies if you elect to use a CMS to demonstrate continuous compliance with an emission limit.
§63.8(e)(2)	Notification of performance evaluation	Yes	This section applies if you elect to use a CMS to demonstrate continuous compliance with an emission limit.
§63.8(e)(3) and (4)	CMS requirements/alternatives	Yes	This section applies if you elect to use a CMS to demonstrate continuous compliance with an emission limit.

General Provision Citation	Subject of Citation	General Provision Applicable?	Explanation (if required)
§63.8(e)(5)(i)	Reporting performance evaluation results	Yes	This section applies if you elect to use a CMS to demonstrate continuous compliance with an emission limit.
§63.8(e)(5)(ii)	Results of COMS performance evaluation	No	Subpart WWWW of Part 63 does not contain opacity standards.
§63.8(f)(1) through (3)	Use of an alternative monitoring method	Yes	
§63.8(f)(4)	Request to use an alternative monitoring method	Yes	
§63.8(f)(5)	Approval of request to use an alternative monitoring method	Yes	
§63.8(f)(6)	Request for alternative to relative accuracy test and associated records	Yes	This section applies if you elect to use a CMS to demonstrate continuous compliance with an emission limit.
§63.8(g)(1) through (5)	Data reduction	Yes	
§63.9(a)(1) through (4)	Notification requirements and general information	Yes	
§63.9(b)(1)	Initial notification applicability	Yes	
§63.9(b)(2)	Notification for affected source with initial startup before effective date of standard	Yes	
§63.9(b)(3)	Reserved	No	
§63.9(b)(4)(i)	Notification for a new or reconstructed major affected source with initial startup after effective date for which an application for approval of construction or reconstruction is required	Yes	
§63.9(b)(4)(ii) through (iv)	Reserved	No	
§63.9(b)(4)(v)	Notification for a new or reconstructed major affected source with initial startup after effective date for which an application for approval of construction or reconstruction is required	Yes	Existing facilities do not become reconstructed under subpart WWWW of Part 63.

General Provision Citation	Subject of Citation	General Provision Applicable?	Explanation (if required)
§63.9(b)(5)	Notification that you are subject to this subpart for new or reconstructed affected source with initial startup after effective date and for which an application for approval of construction or reconstruction is not required	Yes	Existing facilities do not become reconstructed under subpart WWWW of Part 63.
§63.9(c)	Request for compliance extension	Yes	
§63.9(d)	Notification of special compliance requirements for new source	Yes	
§63.9(e)	Notification of performance test	Yes	
§63.9(f)	Notification of opacity and visible emissions observations	No	Subpart WWWW of Part 63 does not contain opacity or visible emission standards.
§63.9(g)(1)	Additional notification requirements for sources using CMS	Yes	This section applies if you elect to use a CMS to demonstrate continuous compliance with an emission limit.
§63.9(g)(2)	Notification of compliance with opacity emission standard	No	Subpart WWWW of Part 63 does not contain opacity emission standards.
§63.9(g)(3)	Notification that criterion to continue use of alternative to relative accuracy testing has been exceeded	Yes	This section applies if you elect to use a CMS to demonstrate continuous compliance with an emission limit.
§63.9(h)(1) through (3)	Notification of compliance status	Yes	
§63.9(h)(4)	Reserved	No	
§63.9(h)(5) and (6)	Notification of compliance status	Yes	
§63.9(i)	Adjustment of submittal deadlines	Yes	
§63.9(j)	Change in information provided	Yes	
§63.10(a)	Applicability of recordkeeping and reporting	Yes	
§63.10(b)(1)	Records retention	Yes	
§63.10(b)(2)(i) through (v)	Records related to startup, shutdown, and malfunction	Yes	Only applies to facilities that use an add-on control device.
§63.10(b)(2)(vi) through (xi)	CMS records, data on performance tests, CMS performance evaluations, measurements necessary to determine conditions of performance tests, and performance evaluations	Yes	

General Provision Citation	Subject of Citation	General Provision Applicable?	Explanation (if required)
§63.10(b)(2)(xii)	Record of waiver of recordkeeping and reporting	Yes	
§63.10(b)(2)(xiii)	Record for alternative to the relative accuracy test	Yes	
§63.10(b)(2)(xiv)	Records supporting initial notification and notification of compliance status	Yes	
§63.10(b)(3)	Records for applicability determinations	Yes	
§63.10(c)(1)	CMS records	Yes	This section applies if you elect to use a CMS to demonstrate continuous compliance with an emission limit.
§63.10(c)(2) through (4)	Reserved	No	
§63.10(c)(5) through (8)	CMS records	Yes	This section applies if you elect to use a CMS to demonstrate continuous compliance with an emission limit.
§63.10(c)(9)	Reserved	No	
§63.10(c)(10) through (15)	CMS records	Yes	This section applies if you elect to use a CMS to demonstrate continuous compliance with an emission limit.
§63.10(d)(1)	General reporting requirements	Yes	
§63.10(d)(2)	Report of performance test results	Yes	
§63.10(d)(3)	Reporting results of opacity or visible emission observations	No	Subpart WWWW of Part 63 does not contain opacity or visible emission standards.
§63.10(d)(4)	Progress reports as part of extension of compliance	Yes	
§63.10(d)(5)	Startup, shutdown, and malfunction reports	Yes	Only applies if you use an add-on control device.
§63.10(e)(1) through (3)	Additional reporting requirements for CMS	Yes	This section applies if you have an add-on control device and elect to use a CEM to demonstrate continuous compliance with an emission limit.
§63.10(e)(4)	Reporting COMS data	No	Subpart WWWW of Part 63 does not contain opacity standards.
§63.10(f)	Waiver for recordkeeping or reporting	Yes	
§63.11	Control device requirements	Yes	Only applies if you elect to use a flare as a control device.
§63.12	State authority and delegations	Yes	
§63.13	Addresses of State air pollution control agencies and EPA Regional Offices	Yes	

General Provision Citation	Subject of Citation	General Provision Applicable?	Explanation (if required)
§63.14	Incorporations by reference	Yes	
§63.15	Availability of information and confidentiality	Yes	

Section 8 – State Only Requirements

1. Permitted Emissions for Fees

The annual emissions from the source for purposes of "Duties to Pay Fees" of Condition 2.3(e), not considering insignificant activities as addressed by Section 6, shall not exceed the following limitations. The overall source emissions shall be determined by adding emissions from all emission units. Compliance with these limits shall be determined on a calendar year basis. The Permittee shall maintain records with supporting calculations of how the annual emissions for fee purposes were calculated. This Condition is set for the purpose of establishing fees and is not federally enforceable. See Section 39.5(18) of the Act.

Pollutant		*Tons/Year*
Volatile Organic Material	(VOM)	21.090
Sulfur Dioxide	(SO_2)	-----
Particulate Matter	(PM)	2.080
Nitrogen Oxides	(NO_x)	-----
HAP, not included in VOM or PM	(HAP)	-----
Total		23.170

Attachment 1 – List of Emission Units at This Source

Section	*Emission Units*	*Description*
4.1	Polyester Resin Product Manufacturing Processes	***Open Molding***: Gelcoat Booth - with non-atomized gelcoat applicator (Gruber Model 16) and hot water radiant heated curing oven.
4.1	Polyester Resin Product Manufacturing Processes	***Casting/Mixing Area:*** Batch Casting: open vessel method (Gruber Model 350 and Marmax Model 250 Batch Mixers) Continuous Casting: (GISCO Model AM-40 mixer) Solid Surface Casting - Closed Vessel Mixing: Closed vessel vacuum batch mixing (Gruber Model 250 and Gruber GE 1700 (375 lb) vacuum batch mixers) With maintenance cleaning, casting and mold storage areas, and a electrically heated curing oven
4.2	6,400 Gallon Aboveground Storage Tank - (Styrene Resin)	6,400 Gallon Aboveground Storage Tank (Styrene Resin)

Attachment 2 - Acronyms and Abbreviations

acfm	Actual cubic feet per minute
ACMA	Alternative Compliance Market Account
Act	Illinois Environmental Protection Act [415 ILCS 5/1 et seq.]
AP-42	Compilation of Air Pollutant Emission Factors, Volume 1, Stationary Point and Other Sources (and Supplements A through F), USEPA, Office of Air Quality Planning and Standards, Research Triangle Park, NC 27711
ATU	Allotment trading unit
BACT	Best Available Control Technology
BAT	Best Available Technology
BTU	British Thermal Units
CAA	Clean Air Act [42 U.S.C. Section 7401 et seq.]
CAAPP	Clean Air Act Permit Program
CAIR	Clean Air Interstate Rule
CAM	Compliance Assurance Monitoring
CEMS	Continuous Emission Monitoring System
CFR	Code of Federal Regulations
CISWI	Commercial Industrial Solid Waste Incinerator
CO	Carbon monoxide
CO_2	Carbon dioxide
COMS	Continuous Opacity Monitoring System
CPMS	Continuous Parameter Monitoring System
dscf	Dry standard cubic foot
dscm	Dry standard cubic meter
EAF	Electric arc furnace
ERMS	Emissions Reduction Market System
°F	Degrees Fahrenheit
GHG	Green house gas
gr	Grains
HAP	Hazardous air pollutant
Hg	Mercury
HMIWI	Hospital medical infectious waste incinerator
HP	Horsepower
hr	Hour
H_2S	Hydrogen sulfide
I.D. No.	Identification number of source, assigned by IEPA
IAC	Illinois Administrative Code
ILCS	Illinois Compiled Statutes
IEPA	Illinois Environmental Protection Agency
KW	Kilowatts
LAER	Lowest Achievable Emission Rate
lb	Pound

m	Meter
MACT	Maximum Achievable Control Technology
mm	Million
mon	Month
MSDS	Material Safety Data Sheet
MSSCAM	Major Stationary Sources Construction and Modification (Non-attainment New Source Review)
MW	Megawatts
NESHAP	National Emission Standards for Hazardous Air Pollutants
NO_x	Nitrogen oxides
NSPS	New Source Performance Standards
NSR	New Source Review
PM	Particulate matter
PM_{10}	Particulate matter with an aerodynamic diameter less than or equal to a nominal 10 microns as measured by applicable test or monitoring methods
$PM_{2.5}$	Particulate matter with an aerodynamic diameter less than or equal to a nominal 2.5 microns as measured by applicable test or monitoring methods
ppm	Parts per million
ppmv	Parts per million by volume
PSD	Prevention of Significant Deterioration
PSEU	Pollutant-Specific Emission Unit
psia	Pounds per square inch absolute
PTE	Potential to emit
RACT	Reasonable Available Control Technology
RMP	Risk Management Plan
scf	Standard cubic feet
SCR	Selective catalytic reduction
SIP	State Implementation Plan
SO_2	Sulfur dioxide
T1	Title I - identifies Title I conditions that have been carried over from an existing permit
T1N	Title I New - identifies Title I conditions that are being established in this permit
T1R	Title I Revised - identifies Title I conditions that have been carried over from an existing permit and subsequently revised in this permit
USEPA	United States Environmental Protection Agency
VOM	Volatile organic material

Attachment 3 - Contact and Reporting Addresses

IEPA Compliance Section	Illinois EPA, Bureau of Air Compliance & Enforcement Section (MC 40) 1021 North Grand Avenue East P.O. Box 19276 Springfield, Illinois 62794-9276 Phone No.: 217/782-2113
IEPA Stack Test Specialist	Illinois EPA, Bureau of Air Compliance Section Source Monitoring - Third Floor 9511 Harrison Street Des Plaines, Illinois 60016 Phone No.: 847/294-4000
IEPA Air Quality Planning Section	Illinois EPA, Bureau of Air Air Quality Planning Section (MC 39) 1021 North Grand Avenue East P.O. Box 19276 Springfield, Illinois 62794-9276 Phone No.: 217/782-2113
IEPA Air Regional Field Operations Regional Office #3	Illinois EPA, Bureau of Air Regional Office #3 2009 Mall Street Collinsville, Illinois 62234 Phone No.: 618/346-5120
IEPA Permit Section	Illinois EPA, Bureau of Air Permit Section (MC 11) 1021 North Grand Avenue East P.O. Box 19506 Springfield, Illinois 62794-9506 Phone No.: 217/785-1705
USEPA Region 5 - Air Branch	USEPA (AR - 17J) Air and Radiation Division 77 West Jackson Boulevard Chicago, Illinois 60604 Phone No.: 312/353-2000

Attachment 4 - Example Certification by a Responsible Official

SIGNATURE BLOCK	
NOTE: THIS CERTIFICATION MUST BE SIGNED BY A RESPONSIBLE OFFICIAL. APPLICATIONS WITHOUT A SIGNED CERTIFICATION WILL BE DEEMED AS INCOMPLETE.	
I CERTIFY UNDER PENALTY OF LAW THAT, BASED ON INFORMATION AND BELIEF FORMED AFTER REASONABLE INQUIRY, THE STATEMENTS AND INFORMATION CONTAINED IN THIS APPLICATION ARE TRUE, ACCURATE AND COMPLETE. ANY PERSON WHO KNOWINGLY MAKES A FALSE, FICTITIOUS, OR FRAUDULENT MATERIAL STATEMENT, ORALLY OR IN WRITING, TO THE ILLINOIS EPA COMMITS A CLASS 4 FELONY. A SECOND OR SUBSEQUENT OFFENSE AFTER CONVICTION IS A CLASS 3 FELONY. (415 ILCS 5/44(H))	
AUTHORIZED SIGNATURE:	
BY: _____	_____
AUTHORIZED SIGNATURE	TITLE OF SIGNATORY
_____	_____ / _____ / _____
TYPED OR PRINTED NAME OF SIGNATORY	DATE