

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

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www.state.in.us/idem

April 17, 2003

Mr. Walter Stankovich, President
Ranch Fiberglas, Inc.
28564 Holiday Place
Elkhart, Indiana 46517

Re: 039-16266-00110
Significant Permit Modification to:
Part 70 permit No.:T039-10481-00110

Dear Mr. Stankovich:

Ranch Fiberglas, Inc. was issued a Part 70 operating permit T039-10481-00110 on August 9, 2002 for a fiberglass component manufacturing plant. A letter requesting changes to this permit was received on October 28, 2002. Pursuant to the provisions of 326 IAC 2-7-12 a significant permit modification to this permit is hereby approved as described in the attached Technical Support Document.

This permit modification incorporates the significant Source Modification (039-16282-00110) for the construction of additional gelcoat and chop booths, replacement of the existing spray paint booth, and expansion of the existing glue application area. The permit modification includes the following new conditions:

1. A condition limiting the VOC emissions from the entire source to less than 247 tons per year;
2. A condition outlining the BACT requirements for the new spray booth;
3. A condition outlining the applicable requirements of 326 IAC 20-25;
4. A condition limiting the VOC emissions from the glue application area to less than 24 tons per year;
5. A condition limiting the new gelcoat and chop booths to less than 24 tons per year.

This permit modifications also revises a previous error in applicability. Condition D.1.2 in the original Part 70 permit was deleted from the permit because 326 IAC 2-4.1-1 is not applicable to the rail area and mold shop.

All other conditions of the permit shall remain unchanged and in effect. Please find attached a copy of the revised permit.

Pursuant to Contract No. A305-0-00-36, IDEM, OAQ has assigned the processing of this application to Eastern Research Group, Inc., (ERG). Therefore, questions should be directed to Amanda Baynham, ERG, 1600 Perimeter Park Drive, Morrisville, North Carolina 27560, or call (919) 468-7910 to speak directly to Ms. Baynham. Questions may also be directed to Duane Van Laningham at IDEM, OAQ, 100 North Senate Avenue, P.O. Box 6015, Indianapolis, Indiana, 46206-6015, or call (800) 451-6027, press 0 and ask for Duane Van Laningham, or extension 3-6878, or dial (317) 233-6878.

Sincerely,
Original signed by

Paul Dubenetzky, Chief
Permits Branch
Office of Air Quality

Attachments

ERG/AAB

cc: File - Elkhart County
Elkhart County Health Department
Northern Regional Office
Air Compliance Section Inspector - Tony Pelath
Compliance Data Section - Karen Nowak
Administrative and Development - Sara Cloe
Technical Support and Modeling - Michele Boner



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Lori F. Kaplan
Commissioner

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PART 70 OPERATING PERMIT OFFICE OF AIR QUALITY

**Ranch Fiberglas, Inc.
28564 Holiday Place
Elkhart, Indiana 46517**

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: T039-10481-00110	
Issued by: Janet G. McCabe, Assistant Commissioner Office of Air Quality	Issuance Date: August 9, 2000 Expiration Date: August 9, 2005

First Reopening No.: R039-13269-00110, issued January 15, 2002

First Significant Permit Modification: 039-16266-00110	Affected Pages: 5-7, 29, 34-35, 38, 47-48
Issued by: Original signed by Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date: April 17, 2003

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SECTION A SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ). The information describing the source contained in conditions A.1 through A.3 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

A.1 General Information [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

The Permittee owns and operates stationary fiberglass component manufacturing plant.

Responsible Official: Walter M. Stankovich
Source Address: 28564 Holiday Place, Elkhart, Indiana 46517
Mailing Address: 28564 Holiday Place, Elkhart, Indiana 46517
SIC Code: 3089
County Location: Elkhart
County Status: Attainment for all criteria pollutants
Source Status: Part 70 Permit Program
Minor Source, PSD Rules
Major Source, Section 112 of the Clean Air Act

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]

This stationary source consists of the following emission units and pollution control devices:

- (a) One (1) gel coat booth (identified as EU-A), with two (2) air-assisted airless gel coat guns, identified as Gel-01 and Gel-02, respectively, with a maximum throughput capacity of 56.7 pounds pf gel coat per hour and 0.78 pounds of hardener per hour, using dry filters to control particulate matter emissions, and exhausting to two (2) stacks, identified as A1 and A2. (Constructed pre-1970)
- (b) One (1) chop booth (identified as EU-B), with one (1) flow coating spray system, with a maximum throughput capacity of 386.6 pounds of resin per hour and 5.33 pounds of hardener per hour, using dry filters to control particulate matter emissions, and exhausting to two (2) stacks, identified as B1 and B2. (Constructed pre-1970)
- (c) One (1) gel coat booth (identified as EU-01.1), constructed in 2003, having a maximum throughput capacity of 56.7 pounds of gelcoat per hour and 0.78 pounds of hardener per hour. The gel coat booth is equipped with one (1) air-assisted airless gel coat gun. Emissions of particulate matter are controlled by dry filters, which exhaust at stacks A3 and A4.
- (d) One (1) chop booth (identified as EU-01.2), constructed in 2003, equipped with one (1) flowcoater and having a maximum throughput capacity of 386.6 pounds of resin per hour and 5.33 pounds of hardner per hour. Emissions of particulate matter are controlled by dry filters, which exhaust at stacks B3 and B4.
- (e) One (1) SLI spray paint system (identified as EU-02), constructed in 2003, and having a maximum throughput capacity of 16.5 pounds of basecoat per hour and 35.8 pounds of clearcoat per hour. The paint system consists of:

- (1) One (1) basecoat booth equipped with two (2) high volume low pressure (HVLPP) spray guns, with emissions of particulate matter controlled using dry filters, which exhaust at stack C1.
- (2) One (1) flash-off area, with emissions exhausted at stack C2a.
- (3) One (1) clearcoat booth, equipped with one (1) high volume low pressure (HVLPP) spray gun, with emissions of particulate matter controlled using dry filters, which exhaust at stack C3.
- (4) One (1) pre-heater with emissions exhausted at stack C4.
- (5) One (1) bake oven with emissions exhausted at stack C5.
- (6) One (1) repair paint booth, equipped with one (1) high volume low pressure (HVLPP) spray gun, with emissions exhausted at stack C6.
- (f) One (1) glue application area (identified at EU-04), having a maximum throughput capacity of 37.07 pounds of adhesive per hour, applied using two (2) spray guns, with emissions exhausted at stack H1.
- (g) One (1) rail area, with two (2) HVLPP spray guns and one (1) flow coating spray system, with a maximum capacity to paint twelve (12) units per hour, using dry filters for overspray control and exhausting to one stack, identified as D1. (Constructed in 1998)
- (h) One (1) mold shop, with five (5) air atomization spray guns, with a maximum capacity to paint four (4) units per month, exhausting to one (1) stack, identified as E1. (Constructed in 1998)
- (i) One (1) 110 gallon methylene chloride cleaning tank, to be used on a quarterly basis for approximately 60 hours each quarter.

A.3 Specifically Regulated Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-7-4(c)]
[326 IAC 2-7-5(15)]

This stationary source also includes the following insignificant activities which are specifically regulated, as defined in 326 IAC 2-7-1(21):

- (a) Natural gas-fired combustion sources with heat input equal to or less than ten (10) million Btu per hour.
- (b) The following VOC and HAP storage tank with capacity less than or equal to 1,000 gallons and annual throughput less than 12,000 gallons:

Two (2) 200 gallon resin mixing tanks, identified as Mix1 and Mix2.
- (c) Degreasing operations that do not exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6.
- (d) The following equipment related to the manufacturing activities not resulting in the emission of HAP's: brazing equipment, cutting torches, soldering equipment, welding equipment:
 - (1) Three (3) tig welders
 - (2) Three (3) stick welders

- (3) Three (3) mig welders
- (e) Replacement or repair of electrostatic precipitators, bags in baghouses and filters in other air filtration equipment.
 - (f) Paved and unpaved roads and parking lots with public access.
 - (g) Mold release agents using low volatile products (vapor pressure less than or equal to 2 kilopascals measured at 38 degrees C.
 - (h) Machining where an aqueous cutting coolant continuously floods the machining interface.
 - (i) Application of oils, greases, lubricants or other nonvolatile materials applied as temporary protective coatings.
 - (j) Solvent recycling systems with batch capacity less than or equal to 100 gallons.
 - (k) Any operation using aqueous solutions containing less than 1% by weight of VOC'S excluding HAP's.
 - (l) Trimmers that do not produce fugitive emissions and that are equipped with a dust collection or trim material recovery device such as a bag filter or cyclone.
 - (m) Purging of gas lines and vessels that is related to routine maintenance and repair of buildings, structures, or vehicles at the source where air emissions from those activities would not be associated with any production process.
 - (n) Blowdown for any of the following: sight glass; compressors; pumps; and cooling tower.
 - (o) Grinding and machining operations controlled with fabric filters, scrubbers, mist collectors, wet collectors and electrostatic precipitators with a design grain loading of less than or equal to 0.03 grains per actual cubic foot and a gas flow rate less than or equal to 4000 actual cubic feet per minute, including the following: deburring; buffing; polishing; abrasive blasting; pneumatische conveying; and woodworking operations.
 - (1) One (1) fiberglass grinding booth, with a maximum capacity of 150 units per day, with one (1) closed loop baghouse dust collector for particulate matter control, exhausting to one (1) dust collector, identified as DC-1.
 - (p) Other activities or categories not previously identified:

Insignificant Thresholds:

Lead (Pb) = 0.6 ton/year or 3.29 lbs/day Carbon Monoxide (CO) = 25 lbs/day
Sulfur Dioxides (SO₂) = 5 lbs/hour or 25 lbs/day Particulate Matter (PM) = 5 lbs/hour or 25 lbs/day
Nitrogen Oxides (NOX) = 5 lbs/hour or 25 lbs/day Volatile Organic compounds (VOC) = 3 lbs/hour or 15 lbs/day

- (1) One (1) paint mixing room, exhausting to one (1) stack, identified as F1.
- (2) Fifteen (15) paint pumps.
- (3) Miscellaneous hand grinders/buffers/cutter tools that are located outside of the grinding booth and throughout the facility.
- (4) One (1) 6000 gallon resin holding tank, identified as RT1.

A.4 Part 70 Permit Applicability [326 IAC 2-7-2]

This stationary source is required to have a Part 70 permit by 326 IAC 2-7-2 (Applicability) because:

- (a) It is a major source, as defined in 326 IAC 2-7-1(22);
- (b) It is a source in a source category designated by the United States Environmental Protection Agency (U.S. EPA) under 40 CFR 70.3 (Part 70 - Applicability).

SECTION B GENERAL CONDITIONS

B.1 Permit No Defense [IC 13]

- (a) Indiana statutes from IC 13 and rules from 326 IAC, quoted in conditions in this permit, are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a Part 70 permit under 326 IAC 2-7.
- (b) This prohibition shall not apply to alleged violations of applicable requirements for which the Commissioner has granted a permit shield in accordance with 326 IAC 2-7-15, as set out in this permit in the Section B condition entitled "Permit Shield."

B.2 Definitions [326 IAC 2-7-1]

Terms in this permit shall have the definition assigned to such terms in the referenced regulation. In the absence of definitions in the referenced regulation, any applicable definitions found in IC 13-11, 326 IAC 1-2 and 326 IAC 2-7 shall prevail.

B.3 Permit Term [326 IAC 2-7-5(2)]

This permit is issued for a fixed term of five (5) years from the effective date, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3.

B.4 Enforceability [326 IAC 2-7-7(a)]

- (a) All terms and conditions in this permit, including any provisions designed to limit the source's potential to emit, are enforceable by IDEM.
- (b) Unless otherwise stated, terms and conditions of this permit, including any provisions to limit the source's potential to emit, are enforceable by the United States Environmental Protection Agency (U.S. EPA) and citizens under the Clean Air Act.

B.5 Termination of Right to Operate [326 IAC 2-7-10] [326 IAC 2-7-4(a)]

The Permittee's right to operate this source terminates with the expiration of this permit unless a timely and complete renewal application is submitted at least nine (9) months prior to the date of expiration of the source's existing permit, consistent with 326 IAC 2-7-3 and 326 IAC 2-7-4(a).

B.6 Severability [326 IAC 2-7-5(5)]

The provisions of this permit are severable; a determination that any portion of this permit is invalid shall not affect the validity of the remainder of the permit.

B.7 Property Rights or Exclusive Privilege [326 IAC 2-7-5(6)(D)]

This permit does not convey any property rights of any sort, or any exclusive privilege.

B.8 Duty to Supplement and Provide Information [326 IAC 2-7-4(b)] [326 IAC 2-7-5(6)(E)]

- (a) The Permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

- (b) The Permittee shall furnish to IDEM, OAQ, within a reasonable time, any information that IDEM, OAQ, 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.

- (c) Upon request, the Permittee shall also furnish to IDEM, OAQ, copies of records required to be kept by this permit. If the Permittee wishes to assert a claim of confidentiality over any of the furnished records, the Permittee must furnish such records to IDEM, OAQ, along with a claim of confidentiality under 326 IAC 17. If requested by IDEM, OAQ, or the U.S. EPA, to furnish copies of requested records directly to U. S. EPA, and if the Permittee is making a claim of confidentiality regarding the furnished records, then the Permittee must furnish such confidential records directly to the U.S. EPA along with a claim of confidentiality under 40 CFR 2, Subpart B.

B.9 Compliance with Permit Conditions [326 IAC 2-7-5(6)(A)] [326 IAC 2-7-5(6)(B)]

- (a) The Permittee must comply with all conditions of this permit. Noncompliance with any provisions of this permit, except those specifically designated as not federally enforceable, constitutes a violation of the Clean Air Act and is grounds for:
- (1) Enforcement action;
 - (2) Permit termination, revocation and reissuance, or modification; or
 - (3) Denial of a permit renewal application.
- (b) It shall not be a defense for the Permittee 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.

B.10 Certification [326 IAC 2-7-4(f)] [326 IAC 2-7-6(1)][326 IAC 2-7-5(3)(C)]

- (a) Where specifically designated by this permit or required by an applicable requirement, any application form, report, or compliance certification submitted under this permit shall contain certification by a responsible official of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
- (b) One (1) certification shall be included, on the attached Certification Form, with each submittal.
- (c) A responsible official is defined at 326 IAC 2-7-1(34).

B.11 Annual Compliance Certification [326 IAC 2-7-6(5)]

- (a) The Permittee shall annually submit a compliance certification report which addresses the status of the source's compliance with the terms and conditions contained in this permit, including emission limitations, standards, or work practices. The certification shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted in letter form no later than April 15 of each year to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

and

United States Environmental Protection Agency, Region V

Air and Radiation Division, Air Enforcement Branch - Indiana (AE-17J)
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

- (b) The annual compliance certification report required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.
- (c) The annual compliance certification report shall include the following:
 - (1) The identification of each term or condition of this permit that is the basis of the certification;
 - (2) The compliance status;
 - (3) Whether compliance was continuous or intermittent;
 - (4) The methods used for determining compliance of the source, currently and over the reporting period consistent with 326 IAC 2-7-5(3); and
 - (5) Such other facts, as specified in Sections D of this permit, as IDEM, OAQ, may require to determine the compliance status of the source.

The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

B.12 Preventive Maintenance Plan [326 IAC 2-7-5(1),(3) and (13)] [326 IAC 2-7-6(1) and (6)]
[326 IAC 1-6-3]

-
- (a) If required by specific condition(s) in Section D of this permit, the Permittee shall prepare and maintain Preventive Maintenance Plans (PMP) within ninety (90) days after issuance of this permit, including the following information on each facility:
 - (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
 - (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions;
 - (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

If due to circumstances beyond its control, the PMP cannot be prepared and maintained within the above time frame, the Permittee may extend the date an additional ninety (90) days provided the Permittee notifies:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

- (b) The Permittee shall implement the Preventive Maintenance Plans as necessary to ensure that failure to implement the Preventive Maintenance Plan does not cause or contribute to a violation of any limitation on emissions or potential to emit.
- (c) PMP's shall be submitted to IDEM, OAQ, upon request and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ, may require the Permittee to revise its Preventive Maintenance Plan whenever lack of proper maintenance causes or contributes to any violation.

B.13 Emergency Provisions [326 IAC 2-7-16]

- (a) An emergency, as defined in 326 IAC 2-7-1(12), is not an affirmative defense for an action brought for noncompliance with a federal or state health-based emission limitation, except as provided in 326 IAC 2-7-16.
- (b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a health-based or technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describe the following:
 - (1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;
 - (2) The permitted facility was at the time being properly operated;
 - (3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;
 - (4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAQ, within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;

Telephone Number: 1-800-451-6027 (ask for Office of Air Quality,
Compliance Section), or
Telephone Number: 317-233-5674 (ask for Compliance Section)
Facsimile Number: 317-233-5967

- (5) For each emergency lasting one (1) hour or more, the Permittee submitted notice, either in writing or facsimile, of the emergency to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

within two (2) working days of the time when emission limitations were exceeded due to the emergency.

The notice fulfills the requirement of 326 IAC 2-7-5(3)(C)(ii) and must contain the following:

- (A) A description of the emergency;
- (B) Any steps taken to mitigate the emissions; and
- (C) Corrective actions taken.

The notification which shall be submitted by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (6) The Permittee immediately took all reasonable steps to correct the emergency.
- (c) In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.
- (d) This emergency provision supersedes 326 IAC 1-6 (Malfunctions) for sources subject to this rule after the effective date of this rule. This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.
- (e) IDEM, OAQ, may require that the Preventive Maintenance Plans required under 326 IAC 2-7-4-(c)(10) be revised in response to an emergency.
- (f) Failure to notify IDEM, OAQ, by telephone or facsimile of an emergency lasting more than one (1) hour in compliance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-7 and any other applicable rules.
- (g) Operations may continue during an emergency only if the following conditions are met:
 - (1) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.
 - (2) If an emergency situation causes a deviation from a health-based limit, the Permittee may not continue to operate the affected emissions facilities unless:
 - (A) The Permittee immediately takes all reasonable steps to correct the emergency situation and to minimize emissions; and
 - (B) Continued operation of the facilities is necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value.

Any operation shall continue no longer than the minimum time required to prevent the situations identified in (g)(2)(B) of this condition.

B.14 Permit Shield [326 IAC 2-7-15]

- (a) This condition provides a permit shield as addressed in 326 IAC 2-7-15.
- (b) This permit shall be used as the primary document for determining compliance with applicable requirements established by previously issued permits. Compliance with the conditions of this permit shall be deemed in compliance with any applicable requirements as of the date of permit issuance, provided that:

- (1) The applicable requirements are included and specifically identified in this permit;
or
 - (2) The permit contains an explicit determination or concise summary of a determination that other specifically identified requirements are not applicable.
- (c) If, after issuance of this permit, it is determined that the permit is in nonconformance with an applicable requirement that applied to the source on the date of permit issuance, including any term or condition from a previously issued construction or operation permit, IDEM, OAQ, shall immediately take steps to reopen and revise this permit and issue a compliance order to the Permittee to ensure expeditious compliance with the applicable requirement until the permit is reissued. The permit shield shall continue in effect so long as the Permittee is in compliance with the compliance order.
- (d) No permit shield shall apply to any permit term or condition that is determined after issuance of this permit to have been based on erroneous information supplied in the permit application. Erroneous information means information that the Permittee knew to be false, or in the exercise of reasonable care should have been known to be false, at the time the information was submitted.
- (e) Nothing in 326 IAC 2-7-15 or in this permit shall alter or affect the following:
- (1) The provisions of Section 303 of the Clean Air Act (emergency orders), including the authority of the U.S. EPA under Section 303 of the Clean Air Act;
 - (2) The liability of the Permittee for any violation of applicable requirements prior to or at the time of this permit's issuance;
 - (3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the Clean Air Act; and
 - (4) The ability of U.S. EPA to obtain information from the Permittee under Section 114 of the Clean Air Act.
- (f) This permit shield is not applicable to any change made under 326 IAC 2-7-20(b)(2) (Sections 502(b)(10) of the Clean Air Act changes) and 326 IAC 2-7-20(c)(2) (trading based on State Implementation Plan (SIP) provisions).
- (g) This permit shield is not applicable to modifications eligible for group processing until after IDEM, OAQ, has issued the modifications. [326 IAC 2-7-12(c)(7)]
- (h) This permit shield is not applicable to minor Part 70 permit modifications until after IDEM, OAQ, has issued the modification. [326 IAC 2-7-12(b)(7)]

B.15 Multiple Exceedances [326 IAC 2-7-5(1)(E)]

Any exceedance of a permit limitation or condition contained in this permit, which occurs contemporaneously with an exceedance of an associated surrogate or operating parameter established to detect or assure compliance with that limit or condition, both arising out of the same act or occurrence, shall constitute a single potential violation of this permit.

B.16 Deviations from Permit Requirements and Conditions [326 IAC 2-7-5(3)(C)(ii)]

- (a) Deviations from any permit requirements (for emergencies see Section B - Emergency Provisions), the probable cause of such deviations, and any response steps or preventive measures taken shall be reported to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

within ten (10) calendar days from the date of the discovery of the deviation.

- (b) A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit or a rule. It does not include:
- (1) An excursion from compliance monitoring parameters as identified in Section D of this permit unless tied to an applicable rule or limit; or
 - (2) An emergency as defined in 326 IAC 2-7-1(12); or
 - (3) Failure to implement elements of the Preventive Maintenance Plan unless such failure has caused or contributed to a deviation.
 - (4) Failure to make or record information required by the compliance monitoring provisions of Section D unless such failure exceeds 5% of the required data in any calendar quarter.

A Permittee's failure to take the appropriate response step when an excursion of a compliance monitoring parameter has occurred is a deviation.

- (c) Written notification shall be submitted on the attached Emergency/Deviation Occurrence Reporting Form or its substantial equivalent. The notification does not need to be certified by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (d) Proper notice submittal under 326 IAC 2-7-16 satisfies the requirement of this subsection.

B.17 Permit Modification, Reopening, Revocation and Reissuance, or Termination
[326 IAC 2-7-5(6)(C)] [326 IAC 2-7-8(a)] [326 IAC 2-7-9]

- (a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Part 70 permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-7-5(6)(C)]
- (b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAQ, determines any of the following:
- (1) That this permit contains a material mistake.
 - (2) That inaccurate statements were made in establishing the emissions standards or other terms or conditions.
 - (3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-7-9(a)(3)]
- (c) Proceedings by IDEM, OAQ, to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-7-9(b)]

- (d) The reopening and revision of this permit, under 326 IAC 2-7-9(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAQ, at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ, may provide a shorter time period in the case of an emergency. [326 IAC 2-7-9(c)]

B.18 Permit Renewal [326 IAC 2-7-4]

- (a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAQ, and shall include the information specified in 326 IAC 2-7-4. Such information shall be included in the application for each emission unit at this source, except those emission units included on the trivial or insignificant activities list contained in 326 IAC 2-7-1(21) and 326 IAC 2-7-1(40).

Request for renewal shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

- (b) Timely Submittal of Permit Renewal [326 IAC 2-7-4(a)(1)(D)]
 - (1) A timely renewal application is one that is:
 - (A) Submitted at least nine (9) months prior to the date of the expiration of this permit; and
 - (B) If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.
 - (2) If IDEM, OAQ, upon receiving a timely and complete permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, including any permit shield provided in 326 IAC 2-7-15, until the renewal permit has been issued or denied.
- (c) Right to Operate After Application for Renewal [326 IAC 2-7-3]

If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-7 until IDEM, OAQ, takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified in writing by IDEM, OAQ, any additional information identified as being needed to process the application.
- (d) United States Environmental Protection Agency Authority [326 IAC 2-7-8(e)]

If IDEM, OAQ, fails to act in a timely way on a Part 70 permit renewal, the U.S. EPA may invoke its authority under Section 505(e) of the Clean Air Act to terminate or revoke and reissue a Part 70 permit.

B.19 Permit Amendment or Modification [326 IAC 2-7-11] [326 IAC 2-7-12]

- (a) The Permittee must comply with the requirements of 326 IAC 2-7-11 or 326 IAC 2-7-12 whenever the Permittee seeks to amend or modify this permit.
- (b) Any application requesting an amendment or modification of this permit shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

Any such application should be certified by the "responsible official" as defined by 326 IAC 2-7-1(34) only if a certification is required by the terms of the applicable rule.

- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]

B.20 Permit Revision Under Economic Incentives and Other Programs [326 IAC 2-7-5(8)]
[326 IAC 2-7-12 (b)(2)]

- (a) No Part 70 permit revision shall be required under any approved economic incentives, marketable Part 70 permits, emissions trading, and other similar programs or processes for changes that are provided for in a Part 70 permit.
- (b) Notwithstanding 326 IAC 2-7-12(b)(1)(D)(i) and 326 IAC 2-7-12(c)(1), minor Part 70 permit modification procedures may be used for Part 70 modifications involving the use of economic incentives, marketable Part 70 permits, emissions trading, and other similar approaches to the extent that such minor Part 70 permit modification procedures are explicitly provided for in the applicable State Implementation Plan (SIP) or in applicable requirements promulgated or approved by the U.S. EPA.

B.21 Operational Flexibility [326 IAC 2-7-20]

- (a) The Permittee may make any change or changes at the source that are described in 326 IAC 2-7-20(b), (c), or (e), without a prior permit revision, if each of the following conditions is met:

- (1) The changes are not modifications under any provision of Title I of the Clean Air Act;
- (2) Any approval required by 326 IAC 2-1.1 has been obtained;
- (3) The changes do not result in emissions which exceed the emissions allowable under this permit (whether expressed herein as a rate of emissions or in terms of total emissions);
- (4) The Permittee notifies the:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

and

United States Environmental Protection Agency, Region V
Air and Radiation Division, Regulation Development Branch - Indiana (AR-18J)
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

in advance of the change by written notification at least ten (10) days in advance of the proposed change. The Permittee shall attach every such notice to the Permittee's copy of this permit; and

- (5) The Permittee maintains records on-site which document, on a rolling five (5) year basis, all such changes and emissions trading that are subject to 326 IAC 2-7-20(b), (c), or (e) and makes such records available, upon reasonable request, for public review.

Such records shall consist of all information required to be submitted to IDEM, OAQ, in the notices specified in 326 IAC 2-7-20(b), (c)(1), and (e)(2).

- (b) The Permittee may make Section 502(b)(10) of the Clean Air Act changes (this term is defined at 326 IAC 2-7-1(36)) without a permit revision, subject to the constraint of 326 IAC 2-7-20(a) and the following additional conditions:

- (1) The permit shield, described in 326 IAC 2-7-15, shall not apply to any change made under 326 IAC 2-7-20(b).
- (2) For each such Section 502(b)(10) of the Clean Air Act change, the required written notification shall include the following:
- (i) A brief description of the change within the source;
 - (ii) The date on which the change will occur;
 - (iii) Any change in emissions; and
 - (iv) Any permit term or condition that is no longer applicable as a result of the change.

The notification which shall be submitted by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (c) Emission Trades [326 IAC 2-7-20(c)]
The Permittee may trade increases and decreases in emissions in the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-7-20(c).
- (d) Alternative Operating Scenarios [326 IAC 2-7-20(d)]
The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-7-5(9). No prior notification of IDEM, OAQ, or U.S. EPA is required.
- (e) Backup fuel switches specifically addressed in, and limited under, Section D of this permit shall not be considered alternative operating scenarios. Therefore, the notification requirements of part (a) of this condition do not apply.

A modification, construction, or reconstruction shall be approved if required by and in accordance with the applicable provisions of 326 IAC 2.

B.23 Inspection and Entry [326 IAC 2-7-6(2)]

Upon presentation of proper identification cards, credentials, and other documents as may be required by law, and subject to the Permittee's right under all applicable laws and regulations to assert that the information collected by the agency is confidential and entitled to be treated as such, the Permittee shall allow IDEM, OAQ, U.S. EPA, or an authorized representative to perform the following:

- (a) Enter upon the Permittee's premises where a Part 70 source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;
- (b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;

- (c) Inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;
- (d) Sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and
- (e) Utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.
[326 IAC 2-7-6(6)]

B.24 Transfer of Ownership or Operational Control [326 IAC 2-7-11]

- (a) The Permittee must comply with the requirements of 326 IAC 2-7-11 whenever the Permittee seeks to change the ownership or operational control of the source and no other change in the permit is necessary.
- (b) Any application requesting a change in the ownership or operational control of the source shall contain a written agreement containing a specific date for transfer of permit responsibility, coverage and liability between the current and new Permittee. The application shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

The application which shall be submitted by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]

B.25 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-7-5(7)]

- (a) The Permittee shall pay annual fees to IDEM, OAQ, within thirty (30) calendar days of receipt of a billing. If the Permittee does not receive a bill from IDEM, OAQ, the applicable fee is due April 1 of each year.
- (b) Except as provided in 326 IAC 2-7-19(e), failure to pay may result in administrative enforcement action or revocation of this permit.
- (c) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-0425 (ask for OAQ, Technical Support and Modeling Section), to determine the appropriate permit fee.

B.26 Advanced Source Modification Approval [326 IAC 2-7-5(16)]

The requirements to obtain a source modification approval under 326 IAC 2-7-10.5 or a permit modification under 326 IAC 2-7-12 are satisfied by this permit for the proposed emission units, control equipment or insignificant activities in Sections A.2 and A.3 if such modifications occur during the term of this permit.

SECTION C

SOURCE OPERATION CONDITIONS

Entire Source

Emission Limitations and Standards [326 IAC 2-7-5(1)]

- C.1 Particulate Matter Emission Limitations For Processes with Process Weight Rates Less Than One Hundred (100) pounds per hour [326 IAC 6-3-2(c)]
Pursuant to 326 IAC 6-3-2(c), the allowable particulate matter emissions rate from any process not already regulated by 326 IAC 6-1 or any New Source Performance Standard, and which has a maximum process weight rate less than 100 pounds per hour shall not exceed 0.551 pounds per hour.
- C.2 Opacity [326 IAC 5-1]
Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Exemptions), opacity shall meet the following, unless otherwise stated in this permit:
- (a) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
 - (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings) as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor in a six (6) hour period.
- C.3 Open Burning [326 IAC 4-1] [IC 13-17-9]
The Permittee shall not open burn any material except as provided in 326 IAC 4-1-3, 326 IAC 4-1-4 or 326 IAC 4-1-6. The previous sentence notwithstanding, the Permittee may open burn in accordance with an open burning approval issued by the Commissioner under 326 IAC 4-1-4.1. 326 IAC 4-1-3 (a)(2)(A) and (B) are not federally enforceable.
- C.4 Incineration [326 IAC 4-2][326 IAC 9-1-2]
The Permittee shall not operate an incinerator or incinerate any waste or refuse except as provided in 326 IAC 4-2 and 326 IAC 9-1-2. The provisions of 326 IAC 9-1-2 are not federally enforceable.
- C.5 Fugitive Dust Emissions [326 IAC 6-4]
The Permittee shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4 (Fugitive Dust Emissions). 326 IAC 6-4-2(4) is not federally enforceable.
- C.6 Operation of Equipment [326 IAC 2-7-6(6)]
Except as otherwise provided in this permit, all air pollution control equipment listed in this permit and used to comply with an applicable requirement shall be operated at all times that the emission units vented to the control equipment are in operation.
- C.7 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61.140]
- (a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.

- (b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:
 - (1) When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or
 - (2) If there is a change in the following:
 - (A) Asbestos removal or demolition start date;
 - (B) Removal or demolition contractor; or
 - (C) Waste disposal site.
- (c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).
- (d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).

All required notifications shall be submitted to:

Indiana Department of Environmental Management
Asbestos Section, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

The notifications do not require a certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (e) **Procedures for Asbestos Emission Control**
The Permittee shall comply with the applicable emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-4, emission control requirements are applicable for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet on all facility components.
- (f) **Indiana Accredited Asbestos Inspector**
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Accredited Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement that the inspector be accredited is federally enforceable.

Testing Requirements [326 IAC 2-7-6(1)]

C.8 Performance Testing [326 IAC 3-6]

- (a) All testing shall be performed according to the provisions of 326 IAC 3-6 (Source Sampling Procedures), except as provided elsewhere in this permit, utilizing any applicable procedures and analysis methods specified in 40 CFR 51, 40 CFR 60, 40 CFR 61, 40 CFR 63, 40 CFR 75, or other procedures approved by IDEM, OAQ.

A test protocol, except as provided elsewhere in this permit, shall be submitted to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

no later than thirty-five (35) days prior to the intended test date. The Permittee shall submit a notice of the actual test date to the above address so that it is received at least two weeks prior to the test date.

- (b) All test reports must be received by IDEM, OAQ within forty-five (45) days after the completion of the testing. An extension may be granted by IDEM, OAQ, if the source submits to IDEM, OAQ, a reasonable written explanation within five (5) days prior to the end of the initial forty-five (45) day period.

The documentation submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Compliance Requirements [326 IAC 2-1.1-11]

C.9 Compliance Requirements [326 IAC 2-1.1-11]

The commissioner may require stack testing, monitoring, or reporting at any time to assure compliance with all applicable requirements. Any monitoring or testing shall be performed in accordance with 326 IAC 3 or other methods approved by the commissioner or the U.S. EPA.

Compliance Monitoring Requirements [326 IAC 2-7-5(1)] [326 IAC 2-7-6(1)]

C.10 Compliance Monitoring [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]

Compliance with applicable requirements shall be documented as required by this permit. All monitoring and record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance. The Permittee shall be responsible for installing any necessary equipment and initiating any required monitoring related to that equipment. If due to circumstances beyond its control, that equipment cannot be installed and operated within ninety (90) days, the Permittee may extend the compliance schedule related to the equipment for an additional ninety (90) days provided the Permittee notifies:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

in writing, prior to the end of the initial ninety (90) day compliance schedule, with full justification of the reasons for the inability to meet this date.

The notification which shall be submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

C.11 Monitoring Methods [326 IAC 3]

Any monitoring or testing required by Section D of this permit shall be performed according to the provisions of 326 IAC 3, 40 CFR 60, Appendix A, or other approved methods as specified in this permit.

Corrective Actions and Response Steps [326 IAC 2-7-5] [326 IAC 2-7-6]

C.12 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]

Pursuant to 326 IAC 1-5-2 (Emergency Reduction Plans; Submission):

(a) The Permittee shall prepare written emergency reduction plans (ERPs) consistent with safe operating procedures.

(b) These ERPs shall be submitted for approval to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

within ninety (90) days after the date of issuance of this permit.

The ERP does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(c) If the ERP is disapproved by IDEM, OAQ, the Permittee shall have an additional thirty (30) days to resolve the differences and submit an approvable ERP.

(d) These ERPs shall state those actions that will be taken, when each episode level is declared, to reduce or eliminate emissions of the appropriate air pollutants.

(e) Said ERPs shall also identify the sources of air pollutants, the approximate amount of reduction of the pollutants, and a brief description of the manner in which the reduction will be achieved.

(f) Upon direct notification by IDEM, OAQ, that a specific air pollution episode level is in effect, the Permittee shall immediately put into effect the actions stipulated in the approved ERP for the appropriate episode level. [326 IAC 1-5-3]

C.13 Risk Management Plan [326 IAC 2-7-5(12)] [40 CFR 68.215]

If a regulated substance, subject to 40 CFR 68, is present at a source in more than a threshold quantity, 40 CFR 68 is an applicable requirement and the Permittee shall:

(a) Submit:

(1) A compliance schedule for meeting the requirements of 40 CFR 68 by the date provided in 40 CFR 68.10(a); or

(2) As a part of the compliance certification submitted under 326 IAC 2-7-6(5), a certification statement that the source is in compliance with all the requirements of 40 CFR 68, including the registration and submission of a Risk Management Plan (RMP); and

(3) A verification to IDEM, OAQ, that a RMP or a revised plan was prepared and submitted as required by 40 CFR 68.

(b) Provide annual certification to IDEM, OAQ, that the Risk Management Plan is being properly implemented.

All documents submitted pursuant to this condition shall include the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

C.14 Compliance Monitoring Plan - Failure to Take Response Steps [326 IAC 2-7-5][326 IAC 2-7-6] [326 IAC 1-6]

- (a) The Permittee is required to implement a compliance monitoring plan to ensure that reasonable information is available to evaluate its continuous compliance with applicable requirements. This compliance monitoring plan is comprised of:
- (1) This condition;
 - (2) The Compliance Determination Requirements in Section D of this permit;
 - (3) The Compliance Monitoring Requirements in Section D of this permit;
 - (4) The Record Keeping and Reporting Requirements in Section C (Monitoring Data Availability, General Record Keeping Requirements, and General Reporting Requirements) and in Section D of this permit; and
 - (5) A Compliance Response Plan (CRP) for each compliance monitoring condition of this permit. CRP's shall be submitted to IDEM, OAQ upon request and shall be subject to review and approval by IDEM, OAQ. The CRP shall be prepared within ninety (90) days after issuance of this permit by the Permittee and maintained on site, and is comprised of :
 - (A) Response steps that will be implemented in the event that compliance related information indicates that a response step is needed pursuant to the requirements of Section D of this permit; and
 - (B) A time schedule for taking such response steps including a schedule for devising additional response steps for situations that may not have been predicted.
- (b) For each compliance monitoring condition of this permit, appropriate response steps shall be taken when indicated by the provisions of that compliance monitoring condition. Failure to perform the actions detailed in the compliance monitoring conditions or failure to take the response steps within the time prescribed in the Compliance Response Plan, shall constitute a violation of the permit unless taking the response steps set forth in the Compliance Response Plan would be unreasonable.
- (c) After investigating the reason for the excursion, the Permittee is excused from taking further response steps for any of the following reasons:
- (1) The monitoring equipment malfunctioned, giving a false reading. This shall be an excuse from taking further response steps providing that prompt action was taken to correct the monitoring equipment.
 - (2) The Permittee has determined that the compliance monitoring parameters established in the permit conditions are technically inappropriate, has previously submitted a request for an administrative amendment to the permit, and such request has not been denied or;
 - (3) An automatic measurement was taken when the process was not operating; or
 - (4) The process has already returned to operating within "normal" parameters and no response steps are required.

- (d) Records shall be kept of all instances in which the compliance related information was not met and of all response steps taken. In the event of an emergency, the provisions of 326 IAC 2-7-16 (Emergency Provisions) requiring prompt corrective action to mitigate emissions shall prevail.

**C.15 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-7-5]
[326 IAC 2-7-6]**

- (a) When the results of a stack test performed in conformance with Section C - Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall take appropriate corrective actions. The Permittee shall submit a description of these corrective actions to IDEM, OAQ, within thirty (30) days of receipt of the test results. The Permittee shall take appropriate action to minimize emissions from the affected facility while the corrective actions are being implemented. IDEM, OAQ shall notify the Permittee within thirty (30) days, if the corrective actions taken are deficient. The Permittee shall submit a description of additional corrective actions taken to IDEM, OAQ within thirty (30) days of receipt of the notice of deficiency. IDEM, OAQ reserves the authority to use enforcement activities to resolve noncompliant stack tests.
- (b) A retest to demonstrate compliance shall be performed within one hundred twenty (120) days of receipt of the original test results. Should the Permittee demonstrate to IDEM, OAQ that retesting in one-hundred and twenty (120) days is not practicable, IDEM, OAQ may extend the retesting deadline. Failure of the second test to demonstrate compliance with the appropriate permit conditions may be grounds for immediate revocation of the permit to operate the affected facility.

The documents submitted pursuant to this condition do not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

C.16 Emission Statement [326 IAC 2-7-5(3)(C)(iii)][326 IAC 2-7-5(7)][326 IAC 2-7-19(c)][326 IAC 2-6]

- (a) The Permittee shall submit an annual emission statement certified pursuant to the requirements of 326 IAC 2-6, that must be received by April 15 of each year and must comply with the minimum requirements specified in 326 IAC 2-6-4. The annual emission statement shall meet the following requirements:
 - (1) Indicate actual emissions of criteria pollutants from the source, in compliance with 326 IAC 2-6 (Emission Reporting);
 - (2) Indicate actual emissions of other regulated pollutants from the source, for purposes of Part 70 fee assessment.
- (b) The annual emission statement covers the twelve (12) consecutive month time period starting December 1 and ending November 30. The annual emission statement must be submitted to:

Indiana Department of Environmental Management
Technical Support and Modeling Section, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

- (c) The annual emission statement required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by

any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.

C.17 Monitoring Data Availability [326 IAC 2-7-6(1)] [326 IAC 2-7-5(3)]

- (a) With the exception of performance tests conducted in accordance with Section C-Performance Testing, all observations, sampling, maintenance procedures, and record keeping, required as a condition of this permit shall be performed at all times the equipment is operating at normal representative conditions.
- (b) As an alternative to the observations, sampling, maintenance procedures, and record keeping of subsection (a) above, when the equipment listed in Section D of this permit is not operating, the Permittee shall either record the fact that the equipment is shut down or perform the observations, sampling, maintenance procedures, and record keeping that would otherwise be required by this permit.
- (c) If the equipment is operating but abnormal conditions prevail, additional observations and sampling should be taken with a record made of the nature of the abnormality.
- (d) If for reasons beyond its control, the operator fails to make required observations, sampling, maintenance procedures, or record keeping, reasons for this must be recorded.
- (e) At its discretion, IDEM may excuse such failure providing adequate justification is documented and such failures do not exceed five percent (5%) of the operating time in any quarter.
- (f) Temporary, unscheduled unavailability of staff qualified to perform the required observations, sampling, maintenance procedures, or record keeping shall be considered a valid reason for failure to perform the requirements stated in (a) above.

C.18 General Record Keeping Requirements [326 IAC 2-7-5(3)][326 IAC 2-7-6]

- (a) Records of all required monitoring data and support information shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be kept at the source location for a minimum of three (3) years and available upon the request of an IDEM, OAQ, representative. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a written request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.
- (b) Records of required monitoring information shall include, where applicable:
 - (1) The date, place, and time of sampling or measurements;
 - (2) The dates analyses were performed;
 - (3) The company or entity performing the analyses;
 - (4) The analytic techniques or methods used;
 - (5) The results of such analyses; and
 - (6) The operating conditions existing at the time of sampling or measurement.
- (c) Support information shall include, where applicable:

- (1) Copies of all reports required by this permit;
 - (2) All original strip chart recordings for continuous monitoring instrumentation;
 - (3) All calibration and maintenance records;
 - (4) Records of preventive maintenance shall be sufficient to demonstrate that failure to implement the Preventive Maintenance Plan did not cause or contribute to a violation of any limitation on emissions or potential to emit. To be relied upon subsequent to any such violation, these records may include, but are not limited to: work orders, parts inventories, and operator's standard operating procedures. Records of response steps taken shall indicate whether the response steps were performed in accordance with the Compliance Response Plan required by Section C - Compliance Monitoring Plan - Failure to take Response Steps, of this permit, and whether a deviation from a permit condition was reported. All records shall briefly describe what maintenance and response steps were taken and indicate who performed the tasks.
- (d) All record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance.

C.19 General Reporting Requirements [326 IAC 2-7-5(3)(C)]

- (a) To affirm that the source has met all the compliance monitoring requirements stated in this permit the source shall submit a Quarterly Compliance Monitoring Report. Any deviation from the requirements and the date(s) of each deviation must be reported. The Compliance Monitoring Report shall include the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (b) The report required in (a) of this condition and reports required by conditions in Section D of this permit shall be submitted to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015
- (c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.
- (d) Unless otherwise specified in this permit, any quarterly report shall be submitted within thirty (30) days of the end of the reporting period. The reports do not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (e) All instances of deviations as described in Section B- Deviations from Permit Requirements Conditions must be clearly identified in such reports. The Emergency/Deviation Occurrence Report does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (f) Any corrective actions or response steps taken as a result of each deviation must be clearly identified in such reports.

- (g) The first report shall cover the period commencing on the date of issuance of this permit and ending on the last day of the reporting period.

Stratospheric Ozone Protection

C.20 Compliance with 40 CFR 82 and 326 IAC 22-1

Pursuant to 40 CFR 82 (Protection of Stratospheric Ozone), Subpart F, except as provided for motor vehicle air conditioners in Subpart B, the Permittee shall comply with the standards for recycling and emissions reduction:

- (a) Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156.
- (b) Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158.
- (c) Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.

SECTION D.1 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]

- (a) One (1) gel coat booth (identified as EU-A), with two (2) air-assisted airless gel coat guns, identified as Gel-01 and Gel-02, respectively, with a maximum throughput capacity 56.7 pounds pf gel coat per hour and 0.78 pounds of hardener per hour, using dry filters to control particulate matter emissions, and exhausting to two (2) stacks, identified as A1 and A2. (Constructed pre-1970)
- (b) One (1) chop booth (identified as EU-B), with one (1) flow coating spray system, with a maximum throughput capacity of 386.6 pounds of resin per hour and 5.33 pounds of hardener per hour, using dry filters to control particulate matter emissions, and exhausting to two (2) stacks, identified as B1 and B2. (Constructed pre-1970)
- (c) One (1) gel coat booth (identified as EU-01.1), constructed in 2003, having a maximum throughput capacity of 56.7 pounds of gelcoat per hour and 0.78 pounds of hardener per hour. The gel coat booth is equipped with one (1) air-assisted airless gel coat gun. Emissions of particulate matter are controlled by dry filters, which exhaust at stacks A3 and A4.
- (d) One (1) chop booth (identified as EU-01.2), constructed in 2003, equipped with one (1) flowcoater and having a maximum throughput capacity of 386.6 pounds of resin per hour and 5.33 pounds of hardner per hour. Emissions of particulate matter are controlled by dry filters, which exhaust at stacks B3 and B4.
- (e) One (1) SLI spray paint system (identified as EU-02), constructed in 2003, and having a maximum throughput capacity of 16.5 pounds of basecoat per hour and 35.8 pounds of clearcoat per hour. The paint system consists of:
 - (1) One (1) basecoat booth equipped with two (2) high volume low pressure (HVLP) spray guns, with emissions of particulate matter controlled using dry filters, which exhaust at stack C1.
 - (2) One (1) flash-off area, with emissions exhausted at stack C2a.
 - (3) One (1) clearcoat booth, equipped with one (1) high volume low pressure (HVLP) spray gun, with emissions of particulate matter controlled using dry filters, which exhaust at stack C3.
 - (4) One (1) pre-heater with emissions exhausted at stack C4.
 - (5) One (1) bake oven with emissions exhausted at stack C5.
 - (6) One (1) repair paint booth, equipped with one (1) high volume low pressure (HVLP) spray gun, with emissions exhausted at stack C6.
- (f) One (1) glue application area (identified at EU-04), having a maximum throughput capacity of 37.07 pounds of adhesive per hour, applied using two (2) spray guns, with emissions exhausted at stack H1.

SECTION D.1 FACILITY OPERATION CONDITIONS (Continued)

Facility Description [326 IAC 2-7-5(15)]

- (g) One (1) rail area, with two (2) HVLP spray guns and one (1) flow coating spray system, with a maximum capacity to paint twelve (12) units per hour, using dry filters for overspray control and exhausting to one stack, identified as D1. (Constructed in 1998)
- (h) One (1) mold shop, with five (5) air atomization spray guns, with a maximum capacity to paint four (4) units per month, exhausting to one (1) stack, identified as E1. (Constructed in 1998)

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.1.1 PSD Limit [326 IAC 2-2][40 CFR 52.21]

The VOC emissions from the entire source shall be limited as follows:

- (a) The VOC emissions from the SLI Spray Paint booth (identified as EU-02) and paint touch-up booth shall not exceed sixty (60) tons per twelve (12) consecutive month period, with compliance determined at the end of each month.
- (b) The VOC emissions from the glue application facility (identified as EU-04) shall not exceed twenty-four (24) tons per twelve (12) consecutive month period, with compliance determined at the end of each month.
- (c) The VOC emissions from the gelcoat and chop booths (identified as EU-01.1 and EU-01.2) shall not exceed twenty-four (24) tons per twelve (12) consecutive month period, with compliance determined at the end of each month.
- (d) The VOC emissions from the gelcoat and chop booths (identified as EU-A and EU-B) shall not exceed one hundred and fourteen (114) tons per twelve (12) consecutive month period, with compliance determined at the end of each month.
- (e) The VOC emissions from the Rail Area and Mold Shop shall not exceed twenty-five (25) tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

These limits are equivalent to 247 tons of VOC per twelve (12) consecutive month period. Therefore, the provisions of 326 IAC 2-2 and 40 CFR 52.21 not applicable.

D.1.2 General Reduction Requirements for New Facilities [326 IAC 8-1-6]

- (a) Pursuant to 326 IAC 8-1-6 (New Facilities - General Reduction Requirements), the SLI Spray Paint System (identified as EU-02) and the existing final touch-up booth shall comply with the following requirements:
 - (1) The amount of VOC used shall not exceed sixty (60) tons per twelve (12) consecutive month period, with compliance determined at the end of each month.
 - (2) Surface coatings applied in the basecoat, clear coat, and paint repair booths shall be applied using high volume low pressure (HVLP) spray guns.

- (3) The VOC content of basecoat paints shall not exceed 6.3 pounds of VOC per gallon of coating as applied.
- (4) The VOC content of clear coat paints shall not exceed 3.7 pounds of VOC per gallon of coating as applied.
- (b) The emissions of volatile organic compounds from the gelcoat and chop booths (identified as EU-01.1 and EU-1.2) shall not exceed twenty-four (24) tons per twelve (12) consecutive month period, with compliance determined at the end of each month. VOC emissions from the gel coats and resins shall be calculated by multiplying the usage of each gel coat and resin by the emission factor provided by the "Unified Emission Factors for Open Molding of Composites", Composites Fabricators Association, April 1999. Compliance with this limit makes 326 IAC 8-1-6 (New Facilities - General Reduction Requirements) not applicable to these gel coat and chop booths.
- (c) The amount of VOC used in the glue application facility (identified as EU-04) shall not exceed twenty-four (24) tons per twelve (12) consecutive month period, with compliance determined at the end of each month. Compliance with this limit makes 326 IAC 8-1-6 (New Facilities - General Reduction Requirements) not applicable to the glue application facility.
- (d) Pursuant to CP No. 039-9503-00110, issued July 10, 1998, the input volatile organic compound (VOC) content of coating to the rail area and mold shop shall be less than twenty five (25) tons per twelve (12) consecutive month period, rolled on a monthly basis. This usage limit is required to limit the potential to emit of VOCs to less than twenty five (25) tons per twelve (12) consecutive month period. Compliance with this limit makes 326 IAC 8-1-6, not applicable.

D.1.3 Cold Cleaner Operation [326 IAC 8-3-2]

The owner or operator of a cold cleaning facility shall:

- (a) Equip the cleaner with a cover;
- (b) Equip the cleaner with a facility for draining cleaned parts;
- (c) Close the degreaser cover whenever parts are not being handled in the cleaner;
- (d) Drain cleaned parts for at least fifteen (15) seconds or until dripping ceases;
- (e) Provide a permanent, conspicuous label summarizing the operating requirements;
- (f) Store waste solvent only in covered containers and not dispose of waste solvent or transfer it to another party, in such a manner that greater than twenty percent (20%) of the waste solvent (by weight) can evaporate into the atmosphere.

D.1.4 Particulate Matter (PM) [40 CFR 52, Subpart P]

Pursuant to 40 CFR 52, Subpart P, the particulate matter (PM) emissions from the gel coat booth, chop booth, paint booth, clear coat booth, rail area, mold shop, and glue application area shall be limited by the following:

Interpolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$$E = 4.10 P^{0.67} \quad \text{where } E = \text{rate of emission in pounds per hour and}$$

P = process weight rate in tons per hour

D.1.5 Emissions Standards for Reinforced Plastics Composites Fabricating [326 IAC 20-25-3]

Pursuant to 326 IAC 20-25-3, the gelcoat and chop booths shall comply with the following conditions:

- (a) The total HAP monomer content of the following materials shall be limited based on the application method used and the products produced as specified in the following table:

Fiber Reinforced Plastics Composites Products	HAP Monomer Content (Weight %)
Resin, Manual or Mechanical Application	
Production-Speciality Products	48*
Production-Noncorrosion Resistant Unfilled	35*
Production-Noncorrosion Resistant Filled (greater than or equal to 35% by weight)	38
Production, Noncorrosion Resistant, Applied to Thermoformed Thermoplastic Sheet	42
Production, Class I, Flame and Smoke	60*
Shrinkage Controlled	52
Tooling	43
Gel Coat Application	
Production-Pigmented	37
Clear Production	44
Tooling	45
Production-Pigmented, subject to ANSI ^a Standards	45
Production-Clear, subject to ANSI ^a standards	50

a - American National Standards Institute.

* - Categories that must use mechanical nonatomized application technology or manual as stated in subsection (c).

Compliance with these HAP monomer content limits shall be demonstrated on a monthly basis. If all of the resins and gel coats used during a month meet the specified HAP monomer content limits, then maintaining records of content is sufficient for demonstrating compliance with the HAP monomer content limits.

Compliance with the limitations contained in this condition may be demonstrated using monthly emission averaging within each resin or gel coat application category listed in subsection (b) by the

use of resins or gel coats with HAP monomer contents lower than the limits specified, and/or additional emission reduction techniques approved by IDEM, OAQ.

Examples of emission reduction techniques include, but are not limited to, using nonatomized application to apply resins or gel coats within a category that does not require nonatomized application, lower monomer content resins and gel coats, vapor suppression, vacuum bagging, or installing a control device. This is allowed to meet the HAP monomer content limits for resin and gel coats within each category, and shall be calculated on an equivalent emissions mass basis monthly to demonstrate compliance as shown below:

For averaging within a category

$$\sum E_{m_A} \leq \sum (M_R * E_a)$$

Where:

M_R	=	Total monthly mass of material within each category (tons).
E_a	=	Emission factor for each material based on allowable monomer content and allowable application method for each category (lbs of monomer per ton of resin or gel coat applied).
E_{m_A}	=	Actual monthly emissions from all materials used within a category based on material specific emission factors, emission reduction techniques and emission controls (lbs of monomer).

Note: Fillers may not be used when averaging.

(b) The following categories of materials in subsection (a) shall be applied using mechanical nonatomized application technology or manual application:

- (1) Production noncorrosion resistant, unfilled resins from all sources.
- (2) Production, speciality product resins from all sources.
- (3) Tooling resins used in the manufacture of watercraft.
- (4) Production resin used for Class I flame and smoke products.

Nonatomized application equipment means the devices where resin or gel coat material does any of the following:

- (1) Flows from the applicator, in a steady state in a observable coherent flow, without droplets, for a minimum distance of three (3) inches from the applicator orifices such as flow coaters, flow choppers, and fluid impingement equipment.
- (2) Is mechanically dispensed within or on to a paint roller applicator such as pressure fed rollers.
- (3) Is deposited on fiber reinforcement moving through a resin or gel coat bath such as resin impregnators.

Nonatomized spray application technology includes flow coaters, flow choppers, pressure-fed rollers, fluid impingement, or other non-spray applications of a design and specifications approved by IDEM, OAQ.

Filled resins are resins containing greater than or equal to thirty-five percent (35%) by weight inert filler material, such as silica micro-spheres or micro-balloons, added to alter the density or other physical properties of the resin. The term "inert filler" does not include pigments.

- (c) Unless specified in subsection (b), gel coat application and mechanical application of resins shall be by any of the following spray technologies:
 - (1) Nonatomized application technology.
 - (2) Air-assisted airless.
 - (3) Airless.
 - (4) High volume, low pressure (HVLP).
 - (5) Equivalent emission reduction technologies to subdivisions (2) through (4).
- (d) The following cleaning operation standards for resin and gel coat application equipment shall apply:
 - (1) For routine flushing of resin and gel coat application equipment such as spray guns, flow coaters, brushes, rollers, and squeegees, a cleaning solvent shall contain no HAPs. This emission standard does not apply to solvents used for removing cured resin or gel coat from application equipment.
 - (2) A source must store HAP containing solvents used for removing cured resin or gel coat in containers with covers. The covers must have no visible gaps and must be in place at all times, except when equipment is placed in or removed from the container.
 - (3) Recycled cleaning solvents that contain less than or equal to five percent (5%) HAP by weight are considered to contain no HAP for the purposes of this subsection.

D.1.6 Work Practice Standards for Reinforced Plastics Composites Fabrication [326 IAC 20-25-4]

Pursuant to 326 IAC 20-25-4, the following work practice standards shall be implemented:

- (a) Nonatomizing spray equipment shall not be operated at pressures that atomize the material during the application process.
- (b) Except for mixing containers as described in (g), HAP containing materials shall be kept in a closed container when not in use.
- (c) Solvents sprayed during cleanup and resin changes shall be directed into solvent collection containers.
- (d) Solvent collection containers shall be kept closed when not in use.
- (e) Clean-up rags with solvent shall be stored in closed containers.
- (f) Closed containers shall be used for the storage of the followings:

- (1) All production and tooling resins that contain HAPs.
 - (2) All production and tooling gel coats that contain HAPs.
 - (3) Waste resins and gel coats that contain HAPs.
 - (4) Cleaning materials, including waste cleaning materials.
 - (5) Other materials that contain HAPs.
- (g) All resins and gel coat mixing containers with a capacity equal to or greater than fifty-five (55) gallons must have a cover with no visible gaps in place at all times except when material is being added to or removed from a container, or when mixing or pumping equipment is being placed in or removed from a container.

D.1.7 Operator Training for Reinforced Plastics Composites Fabrication [326 IAC 20-25-8]

Pursuant to 326 IAC 20-25-8, all new and existing personnel, including contract personnel, who are involved in resin and gel coat spraying and spray-like applications (for example those applications that could result in excess emissions if performed improperly) shall be trained according to the following schedule:

- (a) All new personnel shall be trained within fifteen (15) days of hiring.
- (b) All personnel hired before March 7, 2001 shall be trained or evaluated by a supervisor within thirty (30) days of the start of operation.
- (c) To ensure training goals listed in subsection (b) are maintained, all personnel shall be given refresher training annually.
- (d) Personnel who have been trained by another owner or operator subject to 326 IAC 20-25 are exempt from subdivision (a) if written documentation that the employee's training is current is provided by the new employer.
- (e) If the result of an evaluation shows that training is needed, such training shall occur within fifteen (15) days of the evaluation.
- (f) The lesson plans shall cover, for the initial and refresher training, at a minimum, all of the following topics:
 - (1) Appropriate application techniques.
 - (2) Appropriate equipment cleaning procedures.
 - (3) Appropriate equipment setup and adjustment to minimize material usage and overspray.
- (g) The Permittee shall maintain the following training records on site and available for inspection and review:
 - (1) A copy of the current training program.
 - (2) A list of current personnel, by name, that are required to be trained and the dates they were trained and the date of the most recent refresher training. Records of prior training programs and former personnel are not required to be maintained.

D.1.8 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for the gel coat booth, chop booth, paint booth, clear coat booth, rail area, and mold shop and any control devices.

Compliance Determination Requirements

D.1.9 Volatile Organic Compounds (VOC)

Compliance with the VOC content and usage limitations contained in Conditions D.1.1 and D.1.2 shall be determined pursuant to 326 IAC 8-1-4(a)(3) and 326 IAC 8-1-2(a) using formulation data supplied by the coating manufacturer. IDEM, OAQ, reserves the authority to determine compliance using Method 24 in conjunction with the analytical procedures specified in 326 IAC 8-1-4.

D.1.10 VOC Emissions

Compliance with Conditions D.1.1 and D.1.2 shall be demonstrated within 30 days of the end of each month based on the total volatile organic compound usage for the most recent twelve (12) month period.

D.1.11 Hazardous Air Pollutants (HAP) for Reinforced Plastics Composites Fabrication [326 IAC 20-25]

Pursuant to 326 IAC 20-25, compliance with the HAP monomer content limitations in Condition D.1.2 shall be determined by one of the following:

- (a) The manufacturer's certified product data sheet.
- (b) The manufacturer's material safety data sheet.
- (c) Sampling and analysis, using any of the following test methods, as applicable:
 - (1) 40 CFR 60, Method 24, Appendix A (July 1, 1998), shall be used to measure the total volatile HAP and volatile organic compound (VOC) content of resins and gel coats. Method 24 may be modified for measuring the volatile HAP content of resins or gel coat to require that the procedure be performed on uncatalyzed resin or gel coat samples.
 - (2) 40 CFR 63, Method 311, Appendix A (July 1, 1998), shall be used to measure HAP content in resins and gel coats by direct injection into a gas chromatograph.
- (d) An alternative method that has been approved by IDEM, OAQ.

Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

D.1.12 Particulate [326 IAC 6-3-2(d)]

Pursuant to 326 IAC 6-3-2(d), particulate emissions from the gelcoat booths, chop booths, paint booths, rail area, and mold shop, shall be controlled by dry particulate filters, and the Permittee shall operate the control device in accordance with manufacturer's specifications.

D.1.13 Monitoring

- (a) Daily inspections shall be performed to verify the placement, integrity and particle loading of the filters. To monitor the performance of the dry filters, weekly observations shall be made of the overspray from the surface coating booth stacks, while one or more of the booths are in operation. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a violation of this permit.

- (b) Monthly inspections shall be performed of the particulate emissions from the stack and the presence of overspray on the rooftops and the nearby ground. The Compliance Response Plan for these units shall contain troubleshooting contingency and response steps for when a noticeable change in overspray emission, or evidence of overspray emission is observed. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a violation of this permit.
- (c) Additional inspections and preventive measures shall be performed as prescribed in the Preventive Maintenance Plan.

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

D.1.14 Record Keeping Requirements

- (a) To document compliance with Conditions D.1.1 and D.1.2 the Permittee shall maintain records in accordance with (1) through (5) below. Records maintained for (1) through (5) shall be taken monthly and shall be complete and sufficient to establish compliance with the VOC usage limits and/or the VOC emission limits established in Conditions D.1.1 and D.1.2.
 - (1) The amount and VOC content of each coating material and solvent used. Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used. Solvent usage records shall differentiate between those added to coatings and those used as cleanup solvents;
 - (2) The cleanup solvent usage for each month;
 - (3) The total VOC usage for each month; and
 - (4) The weight of VOCs emitted for each compliance period.
- (b) To document compliance with Condition D.1.12 and D.1.13, the Permittee shall maintain a log of weekly overspray observations, daily and monthly inspections, and those additional inspections prescribed by the Preventive Maintenance Plan.
- (c) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.1.15 Record Keeping Requirements for Reinforced Plastics Composites Fabrication [326 IAC 20-25]

- (a) To document compliance with Condition D.1.5, the Permittee shall maintain records that are complete and sufficient to establish compliance with the HAP monomer content limits. Records maintained shall be taken monthly. Examples of such records include by are not limited to:
 - (1) The usage by weight and monomer content of each resin and gel coat used. Records shall include purchase orders, invoices, and material safety data sheets (MSDS), manufacturer's certified product data sheets, and calculations necessary to verify the type, amount used, and HAP content of each resin or gel coat;
 - (2) Method of application and other emission reduction techniques for each resin and gel coat used;

- (3) Monthly calculations demonstrating compliance on an equivalent emissions mass basis if non-compliant resins or gel coats are used during that month.
- (b) To document compliance with Condition D.1.7, the Permittee shall maintain the following records:
 - (1) A copy of the current training program.
 - (2) A list of all current personnel, by name, that are required to be trained and the dates they were trained and the date the most recent refresher training. Records of prior training programs and former personnel are not required to be maintained.
- (c) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.1.16 Reporting Requirements

A quarterly summary of the information to document compliance with Conditions D.1.1 and D.1.2 shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported.

D.1.17 Reporting Requirements for Reinforced Plastics Composites Fabrication [326 IAC 20-25]

If monthly emissions averaging pursuant to 326 IAC 20-25-3(h)(2) and Condition D.1.5(a) are used, the Permittee shall submit a quarterly summary report and supporting calculations pursuant to 326 IAC 20-25-7(c).

SECTION D.2

FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]

- (i) One (1) 110 gallon methylene chloride cleaning tank, to be used on a quarterly basis for approximately 60 hours each quarter.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

THIS SECTION OF THE PERMIT IS BEING ISSUED UNDER THE PROVISIONS OF 326 IAC 2-1 AND 326 IAC 2-7-10.5, WITH CONDITIONS LISTED BELOW.

Construction Conditions

General Construction Conditions

- D.2.1 This permit to construct does not relieve the Permittee of the responsibility to comply with the provisions of the Indiana Environmental Management Law (IC 13-11 through 13-20; 13-22 through 13-25; and 13-30), the Air Pollution Control Law (IC 13-17) and the rules promulgated thereunder, as well as other applicable local, state, and federal requirements.

Effective Date of the Permit

- D.2.2 Pursuant to IC 13-15-5-3, this section of this permit becomes effective upon its issuance.

Operation Conditions

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.2.3 General Provisions Relating to HAPs [326 IAC 20-1-1][40 CFR Part 63, Subpart A]

The provisions of 40 CFR Part 63, Subpart A - General Provisions, which are incorporated as 326 IAC 20-1-1, apply to the facility described in this section except when otherwise specified in 40 CFR Part 63, Subpart T.

D.2.4 Halogenated Solvent Cleaning NESHAP [326 IAC 20-6-1][40 CFR Part 63, Subpart T]

This facility is subject to 40 CFR Part 63, Subpart T, which is incorporated by reference as 326 IAC 20-6-1. A copy of the rule is attached.

- (a) The Permittee shall employ a tightly fitting cover that shall be closed at all times except during parts entry and removal, and a water layer at a minimum thickness of 2.5 centimeters (1.0 inch) on the surface of the solvent within the cleaning machine.

D.2.5 Cold Cleaner Degreaser Operation and Control [326 IAC 8-3-5]

- (a) The owner or operator of a cold cleaning degreaser facility shall ensure that the following control equipment requirements are met:

- (1) Equip the degreaser with a cover. The cover must be designed so that it can be easily operated with one (1) hand if:

- (A) The solvent volatility is greater than two (2) kiloPascals (fifteen (15) millimeters of mercury or three-tenths (0.3) pounds per square inch) measured at thirty-eight degrees Celsius (38EC) (one hundred degrees Fahrenheit (100 EF);

- (B) The solvent is agitated; or
 - (C) The solvent is heated.
- (2) Equip the degreaser with a facility for draining cleaned articles. If the solvent volatility is greater than four and three-tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury or six-tenths (0.6) pounds per square inch) measured at thirty-eight degrees Celsius (38E C) (one hundred degrees Fahrenheit (100EF)), then the drainage facility must be internal such that articles are enclosed under the cover while draining. The drainage facility may be external for applications where an internal type cannot fit into the cleaning system.
 - (3) Provide a permanent, conspicuous label which lists the operating requirements outlined in subsection (b).
 - (4) The solvent spray, if used, must be a solid, fluid stream and shall be applied at a pressure which does not cause excessive splashing.'
 - (5) Equip the degreaser with one (1) of the following control devices if the solvent volatility is greater than four and three-tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury or six-tenths (0.6) pounds per square inch) measured at thirty-eight degrees Celsius (38E C) (one hundred degrees Fahrenheit (100EF)), or if the solvent is heated to a temperature greater than forty-eight and nine-tenths degrees Celsius (48.9EC)(one hundred twenty degrees Fahrenheit (120EF)):
 - (A) A freeboard that attains a freeboard ratio of seventy-five hundredths (0.75) or greater.
 - (B) A water cover when solvent used is insoluble in, and heavier than, water.
 - (C) Other systems of demonstrated equivalent control such as a refrigerated chiler or carbon adsorption. Such systems shall be submitted to the U.S. EPA as a SIP revision.
- (b) The owner or operator of a cold cleaning facility shall ensure that the following operating requirements are met:
- (1) Close the cover whenever articles are not being handled in the degreaser.
 - (2) Drain the cleaned articles for a t least fifteen (15) seconds or until dripping ceases.
 - (3) Store waste solvent only in covered containers and prohibit the disposal or transfer of waste solvent in a ny manner in which greater than twenty percent (20%) of the waste solvent by weight could evaporate.

D.2.6 Preventive Maintenance Plan [326 IAC 2-7-4(c)(9)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for this facility.

Compliance Determination Requirements

D.2.7 Testing Requirements [326 IAC 2-7-6(1)]

The Permittee is not required to test this facility by this permit or by 40 CFR 63.465, Test Methods. However, IDEM may require compliance testing at any specific time when necessary to determine if the facility is in compliance.

Recordkeeping and Reporting Requirements [326 IAC 2-7-5(3)][326 IAC 2-7-19]

D.2.8 Reporting Requirements

- (a) As required under 40 CFR 63.468(b), the Permittee shall submit an initial notification report as soon as practicable before construction or reconstruction of the 110 gallon methylene chloride cleaning tank is planned to commence. The report shall include all of the information required in 40 CFR 63.5(d)(1), with the following revisions and additions:
- (1) A brief description of the 110 gallon methylene chloride cleaning tank including machine type (i.e., batch cold), solvent/air interface area, and existing controls.
 - (2) The anticipated compliance approach for the 110 gallon methylene chloride cleaning tank
 - (3) In lieu of 40 CFR 63.5(d)(1)(ii)(H), an estimate of annual halogenated HAP solvent consumption for the 110 gallon methylene chloride cleaning tank.
- (b) As required under 40 CFR 63.468(c), the Permittee shall submit a compliance report for the 110 gallon methylene chloride cleaning tank no later than 150 days after startup. This report shall include the following requirements:
- (1) The name and address of the Permittee;
 - (2) The address (i.e., physical location) of the 110 gallon methylene chloride cleaning tank;
 - (3) A statement signed by the Permittee, stating that the 110 gallon methylene chloride cleaning tank is in compliance with the provisions of 40 CFR Part 63, Subpart T.
 - (4) The compliance approach for the 110 gallon methylene chloride cleaning tank.
- (c) The reports required in Condition D.2.8 (a) and (b) shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, and to the following address:

United States Environmental Protection Agency, Region V
Air and Radiation Division, Air Enforcement Branch - Indiana (AE-17J)
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION**

**PART 70 OPERATING PERMIT
CERTIFICATION**

Source Name: Ranch Fiberglas, Inc.
Source Address: 28564 Holiday Place, Elkhart, Indiana 46517
Mailing Address: 28564 Holiday Place, Elkhart, Indiana 46517
Part 70 Permit No.: T039-10481-00110

This certification shall be included when submitting monitoring, testing reports/results or other documents as required by this permit.

Please check what document is being certified:

- 9 Annual Compliance Certification Letter
- 9 Test Result (specify) _____
- 9 Report (specify) _____
- 9 Notification (specify) _____
- 9 Other (specify) _____

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Signature:

Printed Name:

Title/Position:

Date:

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION
P.O. Box 6015
100 North Senate Avenue
Indianapolis, Indiana 46206-6015
Phone: 317-233-5674
Fax: 317-233-5967**

**PART 70 OPERATING PERMIT
EMERGENCY/DEVIATION OCCURRENCE REPORT**

Source Name: Ranch Fiberglas, Inc.
Source Address: 28564 Holiday Place, Elkhart, Indiana 46517
Mailing Address: 28564 Holiday Place, Elkhart, Indiana 46517
Part 70 Permit No.: T039-10481-00110

This form consists of 2 pages

Page 1 of 2

Check either No. 1 or No.2	
9	1. This is an emergency as defined in 326 IAC 2-7-1(12) C The Permittee must notify the Office of Air Quality (OAQ), within four (4) business hours (1-800-451-6027 or 317-233-5674, ask for Compliance Section); and C The Permittee must submit notice in writing or by facsimile within two (2) days (Facsimile Number: 317-233-5967), and follow the other requirements of 326 IAC 2-7-16
9	2. This is a deviation, reportable per 326 IAC 2-7-5(3)(C) C The Permittee must submit notice in writing within ten (10) calendar days

If any of the following are not applicable, mark N/A

Facility/Equipment/Operation:
Control Equipment:
Permit Condition or Operation Limitation in Permit:
Description of the Emergency/Deviation:
Describe the cause of the Emergency/Deviation:

If any of the following are not applicable, mark N/A

Page 2 of 2

Date/Time Emergency/Deviation started:
Date/Time Emergency/Deviation was corrected:
Was the facility being properly operated at the time of the emergency/deviation? Y N Describe:
Type of Pollutants Emitted: TSP, PM-10, SO ₂ , VOC, NO _x , CO, Pb, other:
Estimated amount of pollutant(s) emitted during emergency/deviation:
Describe the steps taken to mitigate the problem:
Describe the corrective actions/response steps taken:
Describe the measures taken to minimize emissions:
If applicable, describe the reasons why continued operation of the facilities are necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value:

Form Completed by: _____
Title / Position: _____
Date: _____
Phone: _____

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT OFFICE OF AIR QUALITY COMPLIANCE DATA SECTION

Part 70 Quarterly Report

Source Name: Ranch Fiberglas, Inc.
Source Address: 28564 Holiday Place, Elkhart, Indiana 46517
Mailing Address: 28564 Holiday Place, Elkhart, Indiana 46517
Part 70 Permit No.: T039-10481-00110
Facility: SL1 Spray Paint System (identified as EU-02)
Parameter: Input VOC
Limit: Less than sixty (60) tons per twelve consecutive month period with compliance determined at the end of each month

YEAR: _____

Month	VOC Usage/Emissions (tons/month)	VOC Usage/Emissions Previous 11 Months (tons)	VOC Usage/Emissions 12 Month Total (tons)
Month 1			
Month 2			
Month 3			

- 9 No deviation occurred in this quarter.
- 9 Deviation/s occurred in this quarter.
Deviation has been reported on: _____

Submitted by: _____
Title / Position: _____
Signature: _____
Date: _____
Phone: _____

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION**

Part 70 Quarterly Report

Source Name: Ranch Fiberglas, Inc.
Source Address: 28564 Holiday Place, Elkhart, Indiana 46517
Mailing Address: 28564 Holiday Place, Elkhart, Indiana 46517
Part 70 Permit No.: T039-10481-00110
Facility: Rail area and Mold shop
Parameter: Input VOC
Limit: less than 25 per twelve (12) consecutive month period with compliance determined at the end of each month

YEAR: _____

Month	VOC Usage/Emissions (tons/month)	VOC Usage/Emissions Previous 11 Months (tons)	VOC Usage/Emissions 12 Month Total (tons)
Month 1			
Month 2			
Month 3			

9 No deviation occurred in this quarter.

9 Deviation/s occurred in this quarter.

Deviation has been reported on: _____

Submitted by: _____
Title / Position: _____
Signature: _____
Date: _____
Phone: _____

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION**

Part 70 Quarterly Report

Source Name: Ranch Fiberglas, Inc.
Source Address: 28564 Holiday Place, Elkhart, Indiana 46517
Mailing Address: 28564 Holiday Place, Elkhart, Indiana 46517
Part 70 Permit No.: T039-10481-00110
Facility: Glue Application Area (identified as EU-04)
Parameter: Input VOC
Limit: Less than twenty four (24) tons per twelve (12) consecutive month period with compliance determined at the end of each month

YEAR: _____

Month	VOC Usage/Emissions (tons/month)	VOC Usage/Emissions Previous 11 Months (tons)	VOC Usage/Emissions 12 Month Total (tons)
Month 1			
Month 2			
Month 3			

- 9 No deviation occurred in this quarter.
- 9 Deviation/s occurred in this quarter.
Deviation has been reported on: _____

Submitted by: _____
Title / Position: _____
Signature: _____
Date: _____
Phone: _____

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION**

Part 70 Quarterly Report

Source Name: Ranch Fiberglas, Inc.
Source Address: 28564 Holiday Place, Elkhart, Indiana 46517
Mailing Address: 28564 Holiday Place, Elkhart, Indiana 46517
Part 70 Permit No.: T039-10481-00110
Facility: Gel Coat and Chop Booths (identified as EU-01.1 and EU-01.2)
Parameter: VOC Emissions
Limit: Less than twenty four (24) tons per twelve (12) consecutive month period with compliance determined at the end of each month

YEAR: _____

Month	VOC Emissions (tons/month)	VOC Emissions Previous 11 Months (tons)	VOC Emissions 12 Month Total (tons)
Month 1			
Month 2			
Month 3			

- 9 No deviation occurred in this quarter.
- 9 Deviation/s occurred in this quarter.
Deviation has been reported on: _____

Submitted by: _____
Title / Position: _____
Signature: _____
Date: _____
Phone: _____

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION**

Part 70 Quarterly Report

Source Name: Ranch Fiberglas, Inc.
Source Address: 28564 Holiday Place, Elkhart, Indiana 46517
Mailing Address: 28564 Holiday Place, Elkhart, Indiana 46517
Part 70 Permit No.: T039-10481-00110
Facility: Gel Coat and Chop Booths (identified as EU-A and EU-B)
Parameter: VOC Emissions
Limit: Less than one hundred and fourteen (114) tons per twelve (12) consecutive month period with compliance determined at the end of each month

YEAR: _____

Month	VOC Emissions (tons/month)	VOC Emissions Previous 11 Months (tons)	VOC Emissions 12 Month Total (tons)
Month 1			
Month 2			
Month 3			

- 9 No deviation occurred in this quarter.
- 9 Deviation/s occurred in this quarter.
Deviation has been reported on: _____

Submitted by: _____
Title / Position: _____
Signature: _____
Date: _____
Phone: _____

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION**

**PART 70 OPERATING PERMIT
QUARTERLY COMPLIANCE MONITORING REPORT**

Source Name: Ranch Fiberglas, Inc.
Source Address: 28564 Holiday Place, Elkhart, Indiana 46517
Mailing Address: 28564 Holiday Place, Elkhart, Indiana 46517
Part 70 Permit No.: T039-10481-00110

Months: _____ to _____ Year: _____

This report is an affirmation that the source has met all the compliance monitoring requirements stated in this permit. This report shall be submitted quarterly. Any deviation from the compliance monitoring requirements and the date(s) of each deviation must be reported. Additional pages may be attached if necessary. This form can be supplemented by attaching the Emergency/Deviation Occurrence Report. If no deviations occurred, please specify in the box marked "No deviations occurred this reporting period".

9 NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.

9 THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD.

Compliance Monitoring Requirement (e.g. Permit Condition D.1.3)	Number of Deviations	Date of each Deviation

Form Completed By: _____
Title/Position: _____
Date: _____
Phone: _____

Attach a signed certification to complete this report.

April 17, 2003

**Indiana Department of Environmental Management
Office of Air Quality**

**Addendum to the Technical Support Document (TSD)
for a Part 70 Significant Source Modification and a
Part 70 Significant Permit Modification**

Source Background and Description

Source Name:	Ranch Fiberglas, Inc.
Source Location:	28564 Holiday Place, Elkhart, Indiana 46517
County:	Elkhart
SIC Code:	3089
Operation Permit No.:	T039-10481-00110
Operation Permit Issuance Date:	August 9, 2000
Significant Source Modification No.:	039-16282-00110
Significant Permit Modification No.:	039-16266-00110
Permit Reviewer:	ERG/AAB

On February 13, 2003, the Office of Air Quality (OAQ) had a notice published in the Elkhart Truth, Elkhart, Indiana, stating that Ranch Fiberglas, Inc., had applied for a Significant Source Modification and a Significant Permit Modification to their existing source. The notice also stated that OAQ proposed to issue a permit for this operation and provided information on how the public could review the proposed permit and other documentation. Finally, the notice informed interested parties that there was a period of thirty (30) days to provide comments on whether or not this permit should be issued as proposed.

On March 4, 2003, Ranch Fiberglas, Inc. submitted comments on the proposed Significant Source Modification and Significant Permit Modification. The summary of the comments is as follows:

Comment 1:

Condition A.1 should list the source as a "Minor Source, PSD Rules" based on supporting information in the TSD.

Response to Comment 1:

IDEM, OAQ agrees that the source is a minor source under the PSD regulations in 326 IAC 2-2 and 40 CFR 52.21. The following changes have been made to the permit:

A.1 General Information [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

The Permittee owns and operates stationary fiberglass component manufacturing plant.

Responsible Official: Walter M. Stankovich
Source Address: 28564 Holiday Place, Elkhart, Indiana 46517
Mailing Address: 28564 Holiday Place, Elkhart, Indiana 46517
SIC Code: 3089
County Location: Elkhart
County Status: Attainment for all criteria pollutants
Source Status: Part 70 Permit Program
~~Major~~ **Minor** Source, PSD Rules
Major Source, Section 112 of the Clean Air Act

Comment 2:

Condition A.3(b)(2) describes one 6,000 gallon resin holding tank (identified as RT1). However, this storage tank does not fit the description of a storage tank with capacity less than 1,000 gallons and annual throughput less than 12,000 gallons. Although the tank does not fit this definition, the emissions would make the tank an insignificant activity.

Response to Comment 2:

IDEM, OAQ agrees that the storage tank RT1 was incorrectly listed in Condition A.3(b)(2) in the original permit. IDEM, OAQ has revised Condition A.3 as follows:

A.3 Specifically Regulated Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-7-4(c)]
[326 IAC 2-7-5(15)]

(b) The following VOC and HAP storage ~~containers:~~ **Storage tanks** with capacity less than or equal to 1,000 gallons and annual throughputs less than 12,000 gallons:

~~(1)~~ — Two (2) 200 gallon resin mixing tanks, identified as Mix1 and Mix2.

~~(2)~~ — ~~One (1) 6000 gallon resin holding tank, identified as RT1.~~

(p) Other activities or categories not previously identified:

Insignificant Thresholds:

Lead (Pb) = 0.6 ton/year or 3.29 lbs/day Carbon Monoxide (CO) = 25 lbs/day

Sulfur Dioxides (SO₂) = 5 lbs/hour or 25 lbs/day Particulate Matter (PM) = 5 lbs/hour or 25 lbs/day

Nitrogen Oxides (NO_x) = 5 lbs/hour or 25 lbs/day Volatile Organic compounds (VOC) = 3 lbs/hour or 15 lbs/day

(1) One (1) paint mixing room, exhausting to one (1) stack, identified as F1.

(2) Fifteen (15) paint pumps.

(3) Miscellaneous hand grinders/buffers/cutter tools that are located outside of the grinding booth and throughout the facility.

(4) One (1) 6000 gallon resin holding tank, identified as RT1.

Comment 3:

Condition D.1.7(e) should have an “s” added to the word “show” so the sentence reads “If the result of an evaluation shows that training is needed, such training shall occur within fifteen (15) days of the evaluation.”

Response to Comment 3:

IDEM, OAQ has corrected the language in Condition D.1.7(e) as follows:

D.1.7 Operator Training for Reinforced Plastics Composites Fabrication [326 IAC 20-25-8]

- (e) If the result of an evaluation shows that training is needed, such training shall occur within fifteen (15) days of the evaluation.

Comment 4:

Since 326 IAC 1-6-3, Preventative maintenance plans, requires preventive maintenance plans only for the “emission control devices” of a facility, Ranch requested the language in Condition D.1.8 be changed as follows:

“A Preventative Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for any control devices associated with the gel coat booth, chop booth, paint booth, clear coat booth, rail area, and mold shop.”

Response to Comment 4:

The Preventive Maintenance Plan applies to both emission units and control devices. As indicated in 326 IAC 1-6-4, owners and operators are responsible for operating and maintaining process equipment in compliance with all applicable rules. The Preventative Maintenance Plan is required for emission units because lack of proper maintenance of an emission unit may cause or contribute to a violation of an emission limitation or other regulation even when an emission unit is equipped with a control device. Hence, the Preventative Maintenance Plan is required for the facilities described in Section D.1 as well as the control devices. No changes have been made to the permit as a result of this comment.

Comment 5:

Condition D.1.12, Particulate as written, includes the requirement for dry particulate filters for the glue application area. Ranch contends that this type of operation does not have the potential to emit particulate from the glue application due to the stringy nature of the glue as it is sprayed from the gun. Ranch has requested that this condition be revised as follows:

“Pursuant to 326 IAC 6-3-2(d), particulate emissions from the gelcoat booths, chop booths, paint booths, rail area, mold shop, and glue application area shall be controlled by dry particulate filters, and the Permittee shall operate the control device in accordance with manufacturer’s specifications. **Compliance with this condition shall include only surface coatings that emit or have the potential to emit particulate and does not include surface coatings applied using dip, roll, flow, or brush coatings; and applications of aerosol coating products to repair minor surface damage and imperfections.**”

Response to Comment 5:

Since the spray application of glues and adhesives has the potential to emit particulate, the glue application area at this source is subject to the requirements of 326 IAC 6-3-2(d). OAQ has determined for glueing operations that the application methodology will be equivalent control for particulates. Condition D.1.12 has been changed as follows:

D.1.12 Particulate [326 IAC 6-3-2(d)]

Pursuant to 326 IAC 6-3-2(d), particulate emissions from the gelcoat booths, chop booths, paint booths, rail area, **and** mold shop, ~~and glue application area~~, shall be controlled by dry particulate filters, and the Permittee shall operate the control device in accordance with manufacturer's specifications.

Comment 6:

The following conditions refer to VOC "used" or VOC "input" instead of VOC "emissions" as is stated elsewhere in this permit: D.1.2(a)(1), D.1.2(c), and D.1.2(d). Also, the related Quarterly Report forms refer to "input" VOC instead of VOC "emissions" as the parameter being monitored. Since the underlying rule, 326 IAC 8-1-6, refers to "emissions," Ranch requested the references to VOC "used" or VOC "input" in the above cited conditions be changed to refer to VOC "emissions." Ranch also requested the Quarterly Report forms be changed as well to refer to VOC "emissions."

Response to Comment 6:

Since the amount of VOC used in the SLI Spray Paint System, final touch-up booth, glue application facility, rail area, and mold shop is directly proportional to the amount of VOC emissions from these facilities, the reference to the "amount of VOC used" and "VOC input" are appropriate in this context. Therefore, no changes to the permit have been made as a result of this comment. However, IDEM, OAQ has revised the reporting forms for the Gel Coat and Chop Booths (EU-A, EU-B, EU-01.1, and EU-01.2) because the VOC emissions from these processes are calculated using the VOC content of the materials applied and the emission factors provided by the "Unified Emission Factors for Open Molding of Composites," Composites Fabricators Association, April 1999. The reporting forms have been corrected as shown below:

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION**

Part 70 Quarterly Report

Source Name: Ranch Fiberglas, Inc.
Source Address: 28564 Holiday Place, Elkhart, Indiana 46517
Mailing Address: 28564 Holiday Place, Elkhart, Indiana 46517
Part 70 Permit No.: T039-10481-00110
Facility: Gel Coat and Chop Booths (identified as EU-A and EU-B)
Parameter: ~~Input~~ VOC **Emissions**
Limit: Less than one hundred and fourteen (114) tons per twelve (12) consecutive month period with compliance determined at the end of each month

YEAR: _____

Month	VOC Usage/Emissions (tons/month)	VOC Usage/Emissions Previous 11 Months (tons)	VOC Usage/Emissions 12 Month Total (tons)
Month 1			
Month 2			
Month 3			

- 9 No deviation occurred in this quarter.
- 9 Deviation/s occurred in this quarter.
Deviation has been reported on: _____

Submitted by: _____
Title / Position: _____
Signature: _____
Date: _____
Phone: _____

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION**

Part 70 Quarterly Report

Source Name: Ranch Fiberglas, Inc.
Source Address: 28564 Holiday Place, Elkhart, Indiana 46517
Mailing Address: 28564 Holiday Place, Elkhart, Indiana 46517
Part 70 Permit No.: T039-10481-00110
Facility: Gel Coat and Chop Booths (identified as EU-01.1 and EU-01.2)
Parameter: ~~Input~~ VOC Emissions
Limit: Less than twenty four (24) tons per twelve (12) consecutive month period with compliance determined at the end of each month

YEAR: _____

Month	VOC Usage/Emissions (tons/month)	VOC Usage/Emissions Previous 11 Months (tons)	VOC Usage/Emissions 12 Month Total (tons)
Month 1			
Month 2			
Month 3			

- 9 No deviation occurred in this quarter.
- 9 Deviation/s occurred in this quarter.
Deviation has been reported on: _____

Submitted by: _____
Title / Position: _____
Signature: _____
Date: _____
Phone: _____

Comment 7:

Paragraph (1) on page 2 of 35 in the Technical Support Document references a unit rate of 7.5 units per hour. This should be changed to 7.4 units per hour to be consistent with the unit rates cited elsewhere in the permit.

Response to Comment 7:

IDEM, OAQ agrees that the maximum throughput rate in paragraph (1) on page 2 of the Technical Support Document was incorrectly stated as 7.5 units per hour instead of the correct 7.4 units per hour. No changes have been made to the TSD because IDEM, OAQ prefers that the Technical Support Document reflect the permit that was on public notice. This Addendum to the Technical Support Document accomplishes the desired result of ensuring that these types of concerns are documented and part of the record regarding this permit decision. No changes have been made to the permit as a result of this comment.

Upon further review, the OAQ has decided to make the following revision to the permit (bolded language has been added, the language with a line through it has been deleted).

The 110 gallon methylene chloride cleaning tank was listed in Sections D.1 and D.2 of the original permit. This unit should have been listed only in Section D.2. The following changes have been made to the permit.

SECTION D.1 FACILITY OPERATION CONDITIONS (Continued)

Facility Description [326 IAC 2-7-5(15)]

- (g) One (1) rail area, with two (2) HVLP spray guns and one (1) flow coating spray system, with a maximum capacity to paint twelve (12) units per hour, using dry filters for overspray control and exhausting to one stack, identified as D1. (Constructed in 1998)
- (h) One (1) mold shop, with five (5) air atomization spray guns, with a maximum capacity to paint four (4) units per month, exhausting to one (1) stack, identified as E1. (Constructed in 1998)
- ~~(i) One (1) 110 gallon methylene chloride cleaning tank, to be used on a quarterly basis for approximately 60 hours each quarter.~~

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

SECTION D.2 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)] Insignificant Activities:

- (i) One (1) 110 gallon methylene chloride cleaning tank, to be used on a quarterly basis for approximately 60 hours each quarter.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

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April 17, 2003

Mr. Walter Stankovich, President
Ranch Fiberglas, Inc.
28564 Holiday Place
Elkhart, Indiana 46517

Re: 039-16266-00110
Significant Permit Modification to:
Part 70 permit No.:T039-10481-00110

Dear Mr. Stankovich:

Ranch Fiberglas, Inc. was issued a Part 70 operating permit T039-10481-00110 on August 9, 2002 for a fiberglass component manufacturing plant. A letter requesting changes to this permit was received on October 28, 2002. Pursuant to the provisions of 326 IAC 2-7-12 a significant permit modification to this permit is hereby approved as described in the attached Technical Support Document.

This permit modification incorporates the significant Source Modification (039-16282-00110) for the construction of additional gelcoat and chop booths, replacement of the existing spray paint booth, and expansion of the existing glue application area. The permit modification includes the following new conditions:

1. A condition limiting the VOC emissions from the entire source to less than 247 tons per year;
2. A condition outlining the BACT requirements for the new spray booth;
3. A condition outlining the applicable requirements of 326 IAC 20-25;
4. A condition limiting the VOC emissions from the glue application area to less than 24 tons per year;
5. A condition limiting the new gelcoat and chop booths to less than 24 tons per year.

This permit modifications also revises a previous error in applicability. Condition D.1.2 in the original Part 70 permit was deleted from the permit because 326 IAC 2-4.1-1 is not applicable to the rail area and mold shop.

All other conditions of the permit shall remain unchanged and in effect. Please find attached a copy of the revised permit.

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Pursuant to Contract No. A305-0-00-36, IDEM, OAQ has assigned the processing of this application to Eastern Research Group, Inc., (ERG). Therefore, questions should be directed to Amanda Baynham, ERG, 1600 Perimeter Park Drive, Morrisville, North Carolina 27560, or call (919) 468-7910 to speak directly to Ms. Baynham. Questions may also be directed to Duane Van Laningham at IDEM, OAQ, 100 North Senate Avenue, P.O. Box 6015, Indianapolis, Indiana, 46206-6015, or call (800) 451-6027, press 0 and ask for Duane Van Laningham, or extension 3-6878, or dial (317) 233-6878.

Sincerely,
Original signed by
Paul Dubenetzky, Chief
Permits Branch
Office of Air Quality

Attachments

ERG/AAB

cc: File - Elkhart County
Elkhart County Health Department
Northern Regional Office
Air Compliance Section Inspector - Tony Pelath
Compliance Data Section - Karen Nowak
Administrative and Development - Sara Cloe
Technical Support and Modeling - Michele Boner

**Appendix A: Emissions Calculations
VOC and Particulate Matter Emissions
From Adhesive Application**

**Company Name: Ranch Fiberglass, Inc.
Address City IN Zip: 28564 Hoiday Place, Elkhart, Indiana 46517
CP: 039-10481
Plt ID: 039-00110
Reviewer: ERG/AAB
Date: 11/05/02**

Material	Density (Lb/Gal)	Weight % volatiles	Weight % Water	Weight % Organics	Volume % Water	Volume % Non-Volatiles (solids)	Gal of Mat. (gal/unit)	Maximum (unit/hour)	Pounds VOC per gallon of coating less water	Pounds VOC per gallon of coating	Potential VOC pounds per hour	Potential VOC pounds per day	Potential VOC tons per year	Particulate Potential (ton/yr)	Transfer Efficiency
Con-Bond	6.90	80.04%	0.0%	80.0%	0.0%	17.00%	0.53700	10.000	5.52	5.52	29.66	711.77	129.90	8.10	75%

State Potential Emissions

29.66 711.77 129.90 8.10

METHODOLOGY

Pounds of VOC per Gallon Coating less Water = (Density (lb/gal) * Weight % Organics) / (1-Volume % water)
Pounds of VOC per Gallon Coating = (Density (lb/gal) * Weight % Organics)
Potential VOC Pounds per Hour = Pounds of VOC per Gallon coating (lb/gal) * Gal of Material (gal/unit) * Maximum (units/hr)
Potential VOC Pounds per Day = Pounds of VOC per Gallon coating (lb/gal) * Gal of Material (gal/unit) * Maximum (units/hr) * (24 hr/day)
Potential VOC Tons per Year = Pounds of VOC per Gallon coating (lb/gal) * Gal of Material (gal/unit) * Maximum (units/hr) * (8760 hr/yr) * (1 ton/2000 lbs)
Particulate Potential Tons per Year = (units/hour) * (gal/unit) * (lbs/gal) * (1- Weight % Volatiles) * (1-Transfer efficiency) *(8760 hrs/yr) *(1 ton/2000 lbs)
Pounds VOC per Gallon of Solids = (Density (lbs/gal) * Weight % organics) / (Volume % solids)
Total = Worst Coating + Sum of all solvents used

Appendix A: Emission Calculations

HAP Emission Calculations

For Adhesive Application

Company Name: Ranch Fiberglass, Inc.

Address City IN Zip: 28564 Hoiday Place, Elkhart, Indiana 46517

CP#: 039-10481

Plt ID: 039-00110

Permit Reviewer: ERG/AAB

Date: 11/05/02

Material	Density (Lb/Gal)	Gallons of Material (gal/unit)	Maximum (unit/hour)	Weight % Hexane	Weight % Toluene	Hexane Emissions (ton/yr)	Toluene Emissions (ton/yr)
Con-Bond	6.9	0.537000	10.00	13.00%	30.00%	21.10	48.69

Total State Potential Emissions

21.10

48.69

METHODOLOGY

HAPS emission rate (tons/yr) = Density (lb/gal) * Gal of Material (gal/unit) * Maximum (unit/hr) * Weight % HAP * 8760 hrs/yr * 1 ton/2000 lbs

**Appendix A: Emissions Calculations
VOC and Particulate Matter Emissions
From Surface Coating Operations**

**Company Name: Ranch Fiberglass, Inc.
Address City IN Zip: 28564 Hoiday Place, Elkhart, Indiana 46517
CP: 039-10481
Plt ID: 039-00110
Reviewer: ERG/AAB
Date: 11/05/02**

Material	Density (Lb/Gal)	Weight % volatiles	Weight % Water	Weight % Organics	Volume % Water	Volume % Non-Volatiles (solids)	Gal of Mat. (gal/unit)	Maximum (unit/hour)	Pounds VOC per gallon of coating less water	Pounds VOC per gallon of coating	Potential VOC pounds per hour	Potential VOC pounds per day	Potential VOC tons per year	Particulate Potential (ton/yr)	Transfer Efficiency
EU-02: Painting															
Basecoat	7.57	82.57%	0.0%	82.6%	0.0%	17.43%	0.21800	10.000	6.25	6.25	13.63	327.03	59.68	4.41	65%
Clearcoat	8.64	41.78%	0.0%	41.8%	0.0%	58.22%	0.41500	10.000	3.61	3.61	14.98	359.54	65.62	32.00	65%

State Potential Emissions

28.61 686.56 125.30 36.41

METHODOLOGY

Surface coatings applied using HVLP spray guns.

Pounds of VOC per Gallon Coating less Water = (Density (lb/gal) * Weight % Organics) / (1-Volume % water)

Pounds of VOC per Gallon Coating = (Density (lb/gal) * Weight % Organics)

Potential VOC Pounds per Hour = Pounds of VOC per Gallon coating (lb/gal) * Gal of Material (gal/unit) * Maximum (units/hr)

Potential VOC Pounds per Day = Pounds of VOC per Gallon coating (lb/gal) * Gal of Material (gal/unit) * Maximum (units/hr) * (24 hr/day)

Potential VOC Tons per Year = Pounds of VOC per Gallon coating (lb/gal) * Gal of Material (gal/unit) * Maximum (units/hr) * (8760 hr/yr) * (1 ton/2000 lbs)

Particulate Potential Tons per Year = (units/hour) * (gal/unit) * (lbs/gal) * (1- Weight % Volatiles) * (1-Transfer efficiency) *(8760 hrs/yr) *(1 ton/2000 lbs)

Pounds VOC per Gallon of Solids = (Density (lbs/gal) * Weight % organics) / (Volume % solids)

Total = Worst Coating + Sum of all solvents used

Appendix A: Emission Calculations

HAP Emission Calculations

For Surface Coating Operations

Company Name: Ranch Fiberglass, Inc.

Address City IN Zip: 28564 Hoiday Place, Elkhart, Indiana 46517

CP#: 039-10481

Plt ID: 039-00110

Permit Reviewer: ERG/AAB

Date: 11/05/02

Material	Density (Lb/Gal)	Gallons of Material (gal/unit)	Maximum (unit/hour)	Weight % Xylene	Weight % Toluene	Xylene Emissions (ton/yr)	Toluene Emissions (ton/yr)
Basecoat	7.9	0.136000	10.00	25.00%	0.00%	11.69	0.00
Basemaker	7.1	0.082000	10.00	28.00%	5.00%	7.12	1.27
Clearcoat	8.6	0.415000	10.00	12.00%	0.00%	18.85	0.00

Total State Potential Emissions

37.66

1.27

METHODOLOGY

HAPS emission rate (tons/yr) = Density (lb/gal) * Gal of Material (gal/unit) * Maximum (unit/hr) * Weight % HAP * 8760 hrs/yr * 1 ton/2000 lbs

**Appendix A: Emissions Calculations
VOC and Particulate
From Surface Coating Operations**

**Company Name: Ranch Fiberglass, Inc.
Address City IN Zip: 28564 Hoiday Place, Elkhart, Indiana 46517
CP: 039-10481
Pit ID: 039-00110
Reviewer: ERG/AAB
Date: 11/05/02**

Material	Density (Lb/Gal)	Weight % volatiles	Weight % Water	Weight % Organics	Volume % Water	Volume % Non-Volatiles (solids)	Gal of Mat. (gal/unit)	Maximum (unit/hour)	Pounds VOC per gallon of coating less water	Pounds VOC per gallon of coating	Potential VOC pounds per hour	Potential VOC pounds per day	Potential VOC tons per year	Particulate Potential (ton/yr)	Transfer Efficiency
EU-01: Gelcoat & Lamination Porcesses															
Gelcoat*	11.1	40.00%	0.0%	40.0%	0.0%	0.00%	0.69000	7.400	4.44	4.44	(a)	(a)	(a)	7.45	95%
Resin*	9.2	37.00%	0.0%	37.0%	0.0%	0.00%	5.70400	7.400	3.39	3.39	(a)	(a)	(a)	53.34	95%
DDM-9 Lupersol for Gelcoat	8.4	98.00%	0.0%	98.0%	0.0%	0.00%	0.01300	7.400	8.19	8.19	0.79	18.92	3.45	0.00	95%
DDM-9 Lupersol for Lamination	8.4	98.00%	0.0%	98.0%	0.0%	0.00%	0.08600	7.400	8.19	8.19	5.21	125.13	22.84	0.02	95%
Omyacarb	14.0	0.00%	0.0%	0.0%	0.0%	0.00%	1.09100	7.400	0.00	0.00	0.00	0.00	0.00	24.75	95%
Chemlease PMR	7.3	99.00%	0.0%	99.0%	0.0%	0.00%	0.00200	7.400	7.18	7.18	0.11	2.55	0.47	0.00	95%
Chemlease #15 Sealer	7.3	99.00%	0.0%	99.0%	0.0%	0.00%	0.00100	7.400	7.18	7.18	0.05	1.27	0.23	0.00	95%
Chemlease Mold Cleaner	6.9	100.00%	0.0%	100.0%	0.0%	0.00%	0.00100	7.400	6.91	6.91	0.05	1.23	0.22	0.00	95%

(a) VOC emissions are approximately equal to Styrene emissions. See styrene calculations on next page.

State Potential Emissions

6.21 149.10 27.21 85.57

METHODOLOGY

Pounds of VOC per Gallon Coating less Water = (Density (lb/gal) * Weight % Organics) / (1-Volume % water)

Pounds of VOC per Gallon Coating = (Density (lb/gal) * Weight % Organics)

Potential VOC Pounds per Hour = Pounds of VOC per Gallon coating (lb/gal) * Gal of Material (gal/unit) * Maximum (units/hr)

Potential VOC Pounds per Day = Pounds of VOC per Gallon coating (lb/gal) * Gal of Material (gal/unit) * Maximum (units/hr) * (24 hr/day)

Potential VOC Tons per Year = Pounds of VOC per Gallon coating (lb/gal) * Gal of Material (gal/unit) * Maximum (units/hr) * (8760 hr/yr) * (1 ton/2000 lbs)

Particulate Potential Tons per Year = (units/hour) * (gal/unit) * (lbs/gal) * (1- Weight % Volatiles) * (1-Transfer efficiency) *(8760 hrs/yr) *(1 ton/2000 lbs)

Pounds VOC per Gallon of Solids = (Density (lbs/gal) * Weight % organics) / (Volume % solids)

Total = Worst Coating + Sum of all solvents used

Appendix A: Emissions Calculations
Styrene Emissions from Gelcoat/Resin Application

Company Name: Ranch Fiberglass, Inc.
Address City IN Zip: 28564 Hoiday Place, Elkhart, Indiana 46517
Part 70 Permit #: 039-10481
Plt ID: 039-00110
Reviewer: ERG/AAB
Date: 11/05/02

Material	Process	Density (lb/gal)	Styrene Content (% weight)	Throughput (lbs/hr)	Emission Factor (lb/Ton)*	Styrene Emissions (lbs/hr)	Styrene Emissions (tons/yr)
Primer Gel	EU-01	11.17	40	56.67	439	12.44	54.48
Production Resin	EU-01	9.16	32	386.61	68.48	13.24	57.98
Total						25.68	112.46

Methodology

Emission Factors taken from the CFA Unified Emission Factors

PTE (tons/year) = Gelcoat/Resin Usage (tons/hr) * Emission Factor (lb/ton) * 8760 hrs/yr * 1 ton/2000lbs

Appendix A: Emission Calculations
HAP Emission Calculations
Gelcoat and Lamination Processes
Company Name: Ranch Fiberglass, Inc.
Address City IN Zip: 28564 Hoiday Place, Elkhart, Indiana 46517
CP#: 039-10481
Pit ID: 039-00110
Permit Reviewer: ERG/AAB
Date: 11/05/02

Material	Density (Lb/Gal)	Gallons of Material (gal/unit)	Maximum (unit/hour)	Weight % Xylene	Weight % Toluene	Weight % Ethylbenzene	Weight % MEK	Xylene Emissions (ton/yr)	Toluene Emissions (ton/yr)	Ethylbenzene Emissions (ton/yr)	MEK Emissions (ton/yr)
DDM-9 Lupersol for Gelcoat	8.4	0.013000	7.40	0.00%	0.00%	0.00%	2.00%	0.00	0.00	0.00	0.07
DDM-9 Lupersol for Laminatio	8.4	0.086000	7.40	0.00%	0.00%	0.00%	2.00%	0.00	0.00	0.00	0.47
Omyacarb	14.0	1.091000	7.40	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00
Chemlease PMR	7.3	0.002000	7.40	50.00%	0.00%	15.00%	0.00%	0.23	0.00	0.07	0.00
Chemlease #15 Sealer	7.3	0.001000	7.40	45.00%	0.00%	15.00%	0.00%	0.11	0.00	0.04	0.00
Chemlease Mold Cleaner	6.9	0.001000	7.40	0.00%	55.00%	0.00%	55.00%	0.00	0.12	0.00	0.12

Total State Potential Emissions

0.34 0.12 0.11 0.66

METHODOLOGY

HAPS emission rate (tons/yr) = Density (lb/gal) * Gal of Material (gal/unit) * Maximum (unit/hr) * Weight % HAP * 8760 hrs/yr * 1 ton/2000 lbs