

Mr. George Henrichs
20th Century Fiberglass - Plant 1
1131 D.I. Drive
Elkhart, IN 46514

Re: **039-13842-00076**
First Administrative Amendment to
Part 70 039-7437-00076

Dear Mr. Henrichs:

20th Century Fiberglass was issued a permit on January 15, 1999 for a stationary fiberglass component manufacturing operation. A letter requesting movement of two fiberglass production booths was received on January 25, 2001. Pursuant to the provisions of 2-7-11 the permit is hereby administratively amended as follows:

20th Century Fiberglass has submitted a request to move the Research and Development Gel Coat and Chop booths from the research and development building to the production building. Moving the booths to the production area will not generate an increase in emissions or debottleneck the existing fiberglass production rate because the production and research booth volatile organic compound (VOC) emissions are limited in one condition (D.1.2) to 14.8 tons per month. The dry filters of the booths will still be required to be used because Condition D.1.8 requires it, and the compliance monitoring, record keeping, and reporting associated with the booths will remain unchanged. There are no new state or federal rules that become applicable due to the proposed move.

All other conditions of the permit shall remain unchanged and in effect. Please attach a copy of this amendment and the following revised permit pages to the front of the original permit.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Scott Fulton, at (800) 451-6027, press 0 and ask for Scott Fulton or extension (3-5691), or dial (317) 233-5691.

Sincerely,

Paul Dubenetzky, Chief
Permits Branch
Office of Air Quality

Attachments

SDF

cc: File - Elkhart County
U.S. EPA, Region V
Elkhart County Health Department
Northern Regional Office
Air Compliance Section Inspector - Greg Wingstrom, Paul Karkiewicz
Compliance Data Section - Karen Nowak
Administrative and Development - Janet Mobley
Technical Support and Modeling - Michele Boner

PART 70 OPERATING PERMIT OFFICE OF AIR QUALITY

**20th Century Fiberglass, Inc.
1131 D.I. Drive
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 and 326 IAC 2-1-3.2 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.: T039-7437-00076	Issuance Date: January 15, 1999
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First Administrative Amendment No.: 039-13842-00076	Affected Pages: 5, 29
Issued by: Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date:

- (6) ~~Located in the Research and Development area (which does not carry on full production):~~ One (1) gel coat booth identified as Research and Development Gel Coat Booth, using dry filters to control particulate matter emissions, and exhausting to one (1) fan. And one (1) chop booth identified as Research and Development Chop Booth, using dry filters to control particulate matter emissions and exhausting to one (1) fan.

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):

- (1) Natural gas-fired combustion sources with heat input equal to or less than ten (10) million Btu per hour.
- (2) Water based adhesives that are less than or equal to 5% by volume of VOCs excluding HAPs.
 - (a) One (1) adhesive booth
- (3) The following equipment related to manufacturing activities not resulting in the emission of HAPs: brazing equipment, cutting torches, soldering equipment, welding equipment .
- (4) Paved and unpaved roads and parking lots with public access.
- (5) Other activities of categories not previously identified:

Insignificant Thresholds: Activities with emissions equal to or less than thresholds require listing only

Lead (PB) = 0.6ton/year or 3.29 lbs/day	Carbon Monoxide (CO) = 25 lbs/day
Sulfur Dioxide (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 = 3 lbs/hour or 15 lbs/day

- (a) One (1) combination booth (sanding operations, saw dust collectors)
- (b) Touch up painting
- (c) Waxing of molds
- (d) Twelve (12) hand grinders
- (e) Six (6) water cutters

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 D.1 FACILITY OPERATION CONDITIONS

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

- (1) One (1) paint/clear coat booth with one (1) air-assisted airless gun for clear coating and one (1) HVLP gun for painting, identified as Paint/Clear Booth #3, with a maximum capacity of 41.4 pounds of VOC per hour, using dry filters to control particulate matter emissions, and exhausting to two (2) stacks.
- (2) One (1) air-assisted airless clear coat booth, identified as Paint/Clear Booth #4, with a maximum capacity of 41.4 pounds of VOC hour, using dry filters to control particulate matter emissions, and exhausting to three (3) stacks.
- (3) Two (2) HVLP spray booths, identified as Spray Booth #1 and Spray Booth #2, each with a maximum capacity of 41.4 pounds of VOC per hour, each using dry filters to control particulate matter emissions, and each exhausting to one (1) stack.
- (4) One (1) chop booth, identified as Main Glass Plant Chop Booth, with a maximum capacity to laminate 437 pounds of fiberglass molds per hour, using dry filters to control particulate matter emissions, exhausting to two (2) stacks.
- (5) One (1) gel coat booth, identified as Main Glass Plant Gel Coat Booth, with a maximum capacity to coat 118 pounds of fiberglass molds per hour, using dry filters to control particulate matter emissions, exhausting to one (1) stack.
- (6) ~~Located in the Research and Development area (which does not carry on full production):~~ One (1) gel coat booth identified as Research and Development Gel Coat Booth, using dry filters to control particulate matter emissions, and exhausting to one (1) fan. And one (1) chop booth identified as Research and Development Chop Booth, using dry filters to control particulate matter emissions and exhausting to one (1) fan.

INSIGNIFICANT ACTIVITIES:

- (a) One (1) adhesive booth
- (b) One (1) combination booth (sanding operations and saw dust collectors)

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

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

- (a) The total source potential to emit of VOCs are less than 250 tons per year. Therefore the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration) and 40 CFR 52.21 will not apply.
- (b) Any change or modification which may increase potential to emit to 250 tons per year, from the equipment covered in this permit, shall require approval from OAM pursuant to 326 IAC 2-2 and 40 CFR 52.21, before such change may occur.