INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
We Protect Hoosiers and Our Environment.

Mitchell E. Daniels Jr.
Governor

Thomas W. Easterly
Commissioner

100 North Senate Avenue
Indianapolis, Indiana 46204
(317) 232-8603
Toll Free (800) 451-6027
www.idem.IN.gov

TO: Interested Parties / Applicant

DATE: August 6, 2009

RE: Meridian Automotive Systems / 003-28232-00059

FROM: Matthew Stuckey, Branch Chief
Permits Branch
Office of Air Quality

Notice of Decision – Approval

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to 326 IAC 2, this approval was effective immediately upon submittal of the application.

If you wish to challenge this decision, IC 4-21.5-3-7 requires that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office of Environmental Adjudication, 100 North Senate Avenue, Government Center North, Suite N 501E, Indianapolis, IN 46204, **within eighteen (18) calendar days from the mailing of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

(1) the date the document is delivered to the Office of Environmental Adjudication (OEA);
(2) the date of the postmark on the envelope containing the document, if the document is mailed to OEA by U.S. mail; or
(3) The date on which the document is deposited with a private carrier, as shown by receipt issued by the carrier, if the document is sent to the OEA by private carrier.

The petition must include facts demonstrating that you are either the applicant, a person aggrieved or adversely affected by the decision or otherwise entitled to review by law. Please identify the permit, decision, or other order for which you seek review by permit number, name of the applicant, location, date of this notice and all of the following:

(1) the name and address of the person making the request;
(2) the interest of the person making the request;
(3) identification of any persons represented by the person making the request;
(4) the reasons, with particularity, for the request;
(5) the issues, with particularity, proposed for considerations at any hearing; and
(6) identification of the terms and conditions which, in the judgment of the person making the request, would be appropriate in the case in question to satisfy the requirements of the law governing documents of the type issued by the Commissioner.

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178. Callers from within Indiana may call toll-free at 1-800-451-6027, ext. 3-0178.

Enclosures
FNPER-AM.dot12/3/07

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
We make Indiana a cleaner, healthier place to live.

Mitchell E. Daniels, Jr.
Governor

Thomas W. Easterly
Commissioner

100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
(317) 232-8603
(800) 451-6027
www.IN.gov/idem

Mr. Steve Moeller
Meridian Automotive Systems
14123 Roth Road
Grabill, IN 46741

August 6, 2009

Re: 003-28232-00059
Administrative Amendment to
T003-23272-00059

Dear Mr. Moeller:

Meridian Automotive Systems was issued a Part 70 Operating Permit No. 003-23272-00059 on November 20, 2007 for a stationary high pressure fiberglass reinforced-thermoset manufacturing and painting source located at 14123 Roth Road, Grabill, Indiana. On July 17, 2006, the Office of Air Quality (OAQ) received an application from the source requesting that emission units permanently shutdown be deleted from Part 70 Operating Permit T003-23272-00059. Pursuant to the provisions of 326 IAC 2-7-11, the permit is hereby administratively amended.

See the attached Technical Support Document (TSD) for further details.

All other conditions of the permit shall remain unchanged and in effect. Attached please find the entire revised 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 Jenny Acker, of my staff, at 317-233-9327 or 1-800-451-6027, and ask for extension 3-9327.

Sincerely,

Chrystal A. Wagner, Section Chief
Permits Branch
Office of Air Quality

Attachments: Updated Permit
Technical Support Document (TSD)

JLA

cc: File - Allen County
Allen County Health Department
U.S. EPA, Region V
Compliance and Enforcement Branch

Permit Administrative and Support Section
Billing, Licensing and Training Section

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
We make Indiana a cleaner, healthier place to live.

Mitchell E. Daniels, Jr.
Governor

Thomas W. Easterly
Commissioner

100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
(317) 232-8603
(800) 451-6027
www.in.gov/idem

Part 70 Operating Permit Renewal
OFFICE OF AIR QUALITY

Meridian Automotive Systems
13811 Roth Road
Grabill, Indiana 46741

(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.

The Permittee must comply with all conditions of this permit. Noncompliance with any provisions of this permit is grounds for enforcement action; permit termination, revocation and reissuance, or modification; or denial of a permit renewal application. Noncompliance with any provision of this permit, except any provision specifically designated as not federally enforceable, constitutes a violation of the Clean Air Act. 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. An emergency does constitute an affirmative defense in an enforcement action provided the Permittee complies with the applicable requirements set forth in Section B, Emergency Provisions.

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.: T 003-23272-00059	
Issued by: Original Signed by: Nisha Sizemore, Chief Permits Branch Office of Air Quality	Issuance Date: November 20, 2007 Expiration Date: November 20, 2012

Minor Permit Modification No.: 003-25502-00059, issued on February 11, 2008

Administrative Amendment No.: 003-28232-00059	
Issued by: Chrystal Wagner, Section Chief Permits Branch Office of Air Quality	Issuance Date: August 6, 2009 Expiration Date: November 20, 2012

TABLE OF CONTENTS

SECTION A SOURCE SUMMARY 5
A.1 General Information [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)] [326 IAC 2-7-1(22)] 5
A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)] 5
A.3 Specifically Regulated Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)] 6
A.4 Part 70 Permit Applicability [326 IAC 2-7-2] 6

SECTION B GENERAL CONDITIONS 7
B.1 Definitions [326 IAC 2-7-1] 7
B.2 Permit Term [326 IAC 2-7-5(2)] [326 IAC 2-1.1-9.5] [326 IAC 2-7-4(a)(1)(D)] [IC 13-15-3-6(a)] 7
B.3 Term of Conditions [326 IAC 2-1.1-9.5] 7
B.4 Enforceability [326 IAC 2-7-7] 7
B.5 Severability [326 IAC 2-7-5(5)] 7
B.6 Property Rights or Exclusive Privilege [326 IAC 2-7-5(6)(D)] 7
B.7 Duty to Provide Information [326 IAC 2-7-5(6)(E)] 7
B.8 Certification [326 IAC 2-7-4(f)] [326 IAC 2-7-6(1)] [326 IAC 2-7-5(3)(C)] 8
B.9 Annual Compliance Certification [326 IAC 2-7-6(5)] 8
B.10 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] 9
B.11 Emergency Provisions [326 IAC 2-7-16] 9
B.12 Permit Shield [326 IAC 2-7-15] [326 IAC 2-7-20] [326 IAC 2-7-12] 10
B.13 Prior Permits Superseded [326 IAC 2-1.1-9.5] [326 IAC 2-7-10.5] 11
B.14 Termination of Right to Operate [326 IAC 2-7-10] [326 IAC 2-7-4(a)] 12
B.15 Deviations from Permit Requirements and Conditions [326 IAC 2-7-5(3)(C)(ii)] 12
B.16 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] 12
B.17 Permit Renewal [326 IAC 2-7-3] [326 IAC 2-7-4] [326 IAC 2-7-8(e)] 13
B.18 Permit Amendment or Modification [326 IAC 2-7-11] [326 IAC 2-7-12] [40 CFR 72] 13
B.19 Permit Revision Under Economic Incentives and Other Programs [326 IAC 2-7-5(8)] [326 IAC 2-7-12 (b)(2)] 14
B.20 Operational Flexibility [326 IAC 2-7-20] [326 IAC 2-7-10.5] 14
B.21 Source Modification Requirement [326 IAC 2-7-10.5] 15
B.22 Inspection and Entry [326 IAC 2-7-6] [IC 13-14-2-2] [IC 13-30-3-1] [IC 13-17-3-2] 15
B.23 Transfer of Ownership or Operational Control [326 IAC 2-7-11] 16
B.24 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-7-5(7)] [326 IAC 2-1.1-7] 16
B.25 Credible Evidence [326 IAC 2-7-5(3)] [326 IAC 2-7-6] [62 FR 8314] [326 IAC 1-1-6] 16

SECTION C SOURCE OPERATION CONDITIONS 17

Emission Limitations and Standards [326 IAC 2-7-5(1)] 17
C.1 Particulate Emission Limitations For Processes with Process Weight Rates Less Than One Hundred (100) Pounds per Hour [326 IAC 6-3-2] 17
C.2 Opacity [326 IAC 5-1] 17
C.3 Open Burning [326 IAC 4-1] [IC 13-17-9] 17
C.4 Incineration [326 IAC 4-2] [326 IAC 9-1-2] 17
C.5 Fugitive Dust Emissions [326 IAC 6-4] 17
C.6 Stack Height [326 IAC 1-7] 17
C.7 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M] 17

Testing Requirements [326 IAC 2-7-6(1)] 19
C.8 Performance Testing [326 IAC 3-6] 19

Compliance Requirements [326 IAC 2-1.1-11] 19
C.9 Compliance Requirements [326 IAC 2-1.1-11] 19

Compliance Monitoring Requirements [326 IAC 2-7-5(1)] [326 IAC 2-7-6(1)] 19
C.10 Compliance Monitoring [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)] 19
C.11 Monitoring Methods [326 IAC 3] [40 CFR 60] [40 CFR 63] 20
C.12 Instrument Specifications [326 IAC 2-1.1-11] [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)] 20

Corrective Actions and Response Steps [326 IAC 2-7-5] [326 IAC 2-7-6] 20
C.13 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3] 20
C.14 Risk Management Plan [326 IAC 2-7-5(12)] [40 CFR 68] 20
C.15 Response to Excursions or Exceedances [326 IAC 2-7-5] [326 IAC 2-7-6] 20
C.16 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-7-5] [326 IAC 2-7-6] 21

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19] 21
C.17 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] 21
C.18 General Record Keeping Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-6] [326 IAC 2-2] [326 IAC 2-3] 22
C.19 General Reporting Requirements [326 IAC 2-7-5(3)(C)] [326 IAC 2-1.1-11] [326 IAC 2-2] [326 IAC 2-3] 23

Stratospheric Ozone Protection 24
C.20 Compliance with 40 CFR 82 and 326 IAC 22-1 24

SECTION D.1 FACILITY OPERATION CONDITIONS 25

Emission Limitations and Standards [326 IAC 2-7-5(1)] 25
D.1.1 PSD Minor Limit [326 IAC 2-2] 25
D.1.2 Particulate [326 IAC 6-3-2] 26
D.1.3 Preventive Maintenance Plan [326 IAC 2-7-5(13)] 26

Compliance Determination Requirements 26
D.1.4 VOC Emissions 26
D.1.5 Volatile Organic Compounds (VOC) [326 IAC 8-1-4] [326 IAC 8-1-2(a)] 26
D.1.6 Particulate Control [326 IAC 2-7-6(6)] 27

Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)] 27
D.1.7 Visible Emissions Notations [40 CFR 64, Compliance Assurance Monitoring (CAM)] 27
D.1.8 Dust Collector Parametric Monitoring [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)] [40 CFR 64, Compliance Assurance Monitoring (CAM)] 27
D.1.9 Broken or Failed Dust Collector Detection 28

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19] 28
D.1.10 Record Keeping Requirements 28
D.1.11 Reporting Requirements 29

SECTION D.2 FACILITY OPERATION CONDITIONS 30

Emission Limitations and Standards [326 IAC 2-7-5(1)] 30
D.2.1 Particulate [326 IAC 6-2-4] 30

SECTION E.1 FACILITY OPERATION CONDITIONS 31

National Emission Standards for Hazardous Air Pollutants (NESHAP) Requirements [326 IAC 2-7-5(1)] 31
E.1.1 General Provisions Relating to NESHAP WWWW [326 IAC 20-1] [40 CFR Part 63, Subpart A] 31
E.1.2 NESHAP WWWW Requirements [326 IAC 20-56] [40 CFR Part 63, Subpart WWWW] .. 31

PART 70 OPERATING PERMIT CERTIFICATION 56
EMERGENCY OCCURRENCE REPORT 57
PART 70 QUARTERLY REPORT 59
QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT 60

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)] [326 IAC 2-7-1(22)]

The Permittee owns and operates a high pressure fiberglass reinforced-thermoset manufacturing and painting source.

Source Address:	13811 Roth Road, Grabill, Indiana 46741
Mailing Address:	13811 Roth Road, Grabill, Indiana 46741
General Source Phone Number:	260 - 267 - 3612
SIC Code:	3089
County Location:	Allen
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Part 70 Operating Permit Program Minor Source, under PSD Rules Major Source, Section 112 of the Clean Air Act Not 1 of 28 Source Categories

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:

Compounding and Reinforced Molding Operations

Two (2) SMC manufacturing lines, identified as Machine 1 and Machine 2, reconstructed and relocated in 2003, with a capacity of 12,000 pounds of SMC per hour, each, and one (1) SMC manufacturing line, identified as Machine 3, installed in 2004, with a capacity of 2,670 pounds of SMC per hour, consisting of the following. Under 40 CFR 63 (NESHAP), Subpart WWWW, this is considered a sheet molding compound (SMC) manufacturing operation:

(a) eighteen (18) resin storage tanks, with storage capacities between 2,000 and 6,300 gallons, each,

(b) one (1) small add material handling area,

(c) one (1) SMC mix room, consisting of four (4) mixing tanks, seven (7) holding tanks, and six (6) dynamic mixers,

(d) three (3) SMC manufacturing operations,

(e) one (1) SMC maturation area,

(f) two (2) calcium carbonate silos, storing 270,000 pounds, and

(g) one (1) dust collection system, exhausted through Stack SV-01.

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 million (10,000,000) Btu per hour.

(1) One (1) natural gas-fired boiler, with a maximum heat input capacity of less than 10 MMBtu/hr.

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 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, the applicable definitions found in the statutes or regulations (IC 13-11, 326 IAC 1-2 and 326 IAC 2-7) shall prevail.

B.2 Permit Term [326 IAC 2-7-5(2)] [326 IAC 2-1.1-9.5] [326 IAC 2-7-4(a)(1)(D)] [IC 13-15-3-6(a)]

(a) This permit, T 003-23272-00059, is issued for a fixed term of five (5) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date of this permit.

(b) If IDEM, OAQ, upon receiving a timely and complete renewal 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.

B.3 Term of Conditions [326 IAC 2-1.1-9.5]

Notwithstanding the permit term of a permit to construct, a permit to operate, or a permit modification, any condition established in a permit issued pursuant to a permitting program approved in the state implementation plan shall remain in effect until:

(a) the condition is modified in a subsequent permit action pursuant to Title I of the Clean Air Act; or

(b) the emission unit to which the condition pertains permanently ceases operation.

B.4 Enforceability [326 IAC 2-7-7]

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

B.5 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.6 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.7 Duty to Provide Information [326 IAC 2-7-5(6)(E)]

(a) 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. The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34). Upon request, the Permittee shall also furnish to IDEM, OAQ copies of records required to be kept by this permit.

(b) For information furnished by the Permittee to IDEM, OAQ, the Permittee may include a claim of confidentiality in accordance with 326 IAC 17.1. When furnishing copies of requested records directly to U.S. EPA, the Permittee may assert a claim of confidentiality in accordance with 40 CFR 2, Subpart B.

B.8 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 shall contain certification by the "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, using the attached Certification Form, with each submittal requiring certification. One (1) certification may cover multiple forms in one (1) submittal.

(c) The "responsible official" is defined at 326 IAC 2-7-1(34).

B.9 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. All certifications shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted no later than July 1 of each year to:

Indiana Department of Environmental Management
Compliance and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

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 appropriate 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 the compliance status 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.10 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 maintain and implement Preventive Maintenance Plans (PMPs) 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; and

(3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

(b) A copy of the PMPs shall be submitted to IDEM, OAQ upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions or potential to emit. The PMPs do not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(c) To the extent the Permittee is required by 40 CFR Part 60/63 to have an Operation Maintenance, and Monitoring (OMM) Plan for a unit, such Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.

B.11 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.

(b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a 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: 317-233-0178 (ask for Compliance Section)
Facsimile Number: 317-233-6865

(5) For each emergency lasting one (1) hour or more, the Permittee submitted the attached Emergency Occurrence Report Form or its equivalent, either by mail or facsimile to:

Indiana Department of Environmental Management
Compliance and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

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). This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.

(e) The Permittee seeking to establish the occurrence of an emergency shall make records available upon request to ensure that failure to implement a PMP did not cause or contribute to an exceedance of any limitations on emissions. However, IDEM, OAQ may require that the Preventive Maintenance Plans required under 326 IAC 2-7-4(c)(9) 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 accordance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-7 and any other applicable rules.

(g) 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.

(h) The Permittee shall include all emergencies in the Quarterly Deviation and Compliance Monitoring Report. Any emergencies that have been previously reported pursuant to paragraph (b)(5) of this condition and certified by an "authorized individual" need only referenced by the date of the original report.

B.12 Permit Shield [326 IAC 2-7-15] [326 IAC 2-7-20] [326 IAC 2-7-12]

(a) Pursuant to 326 IAC 2-7-15, the Permittee has been granted a permit shield. The permit shield provides that compliance with the conditions of this permit shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that either the applicable requirements are included and specifically identified in this permit or the permit contains an explicit determination or concise summary of a determination that other speci-

fically identified requirements are not applicable. The Indiana statutes from IC 13 and rules from 326 IAC, referenced 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 or for applicable requirements for which a permit shield has been granted.

This permit shield does not extend to applicable requirements which are promulgated after the date of issuance of this permit unless this permit has been modified to reflect such new requirements.

(b) 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, 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.

(c) 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.

(d) 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.

(e) 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).

(f) 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)]

(g) 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)(8)]

B.13 Prior Permits Superseded [326 IAC 2-1.1-9.5] [326 IAC 2-7-10.5]

(a) All terms and conditions of permits established prior to T 003-23272-00059 and issued pursuant to permitting programs approved into the state implementation plan have been either:

(1) incorporated as originally stated,

(2) revised under 326 IAC 2-7-10.5, or

(3) deleted under 326 IAC 2-7-10.5.

(b) Provided that all terms and conditions are accurately reflected in this permit, all previous registrations and permits are superseded by this Part 70 operating permit.

B.14 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.15 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 and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

using the attached Quarterly Deviation and Compliance Monitoring Report, or its equivalent. A deviation required to be reported pursuant to an applicable requirement that exists independent of this permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report.

The Quarterly Deviation and Compliance Monitoring Report does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(b) A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit.

B.16 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 Operating Permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated non-compliance does not stay any condition of this permit. [326 IAC 2-7-5(6)(C)] The notification by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(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.17 Permit Renewal [326 IAC 2-7-3] [326 IAC 2-7-4] [326 IAC 2-7-8(e)]

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

Request for renewal shall be submitted to:

Indiana Department of Environmental Management
Permit Administration and Support Section, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

(b) A timely renewal application is one that is:

(1) Submitted at least nine (9) months prior to the date of the expiration of this permit; and

(2) 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) 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.

B.18 Permit Amendment or Modification [326 IAC 2-7-11] [326 IAC 2-7-12] [40 CFR 72]

(a) Permit amendments and modifications are governed by 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
Permit Administration and Support Section, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

Any such application shall be certified 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.19 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) 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.20 Operational Flexibility [326 IAC 2-7-20] [326 IAC 2-7-10.5]

(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 preconstruction approval required by 326 IAC 2-7-10.5 has been obtained;

(3) The changes do not result in emissions which exceed the limitations provided in 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
Permit Administration and Support Section, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

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, on a rolling five (5) year basis, which document all such changes and emission trades that are subject to 326 IAC 2-7-20(b),(c), or (e). The Permittee shall make 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)(1), (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). For each such Section 502(b)(10) of the Clean Air Act change, the required written notification shall include the following:

(1) A brief description of the change within the source;

(2) The date on which the change will occur;

(3) Any change in emissions; and

(4) Any permit term or condition that is no longer applicable as a result of the change.

The notification which shall be submitted is not considered an application form, report or compliance certification. Therefore, the notification 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 emissions increases and decreases at 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.

B.21 Source Modification Requirement [326 IAC 2-7-10.5]

A modification, construction, or reconstruction is governed by the requirements of 326 IAC 2.

B.22 Inspection and Entry [326 IAC 2-7-6] [IC 13-14-2-2] [IC 13-30-3-1] [IC 13-17-3-2]

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) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, have access to and copy any records that must be kept under the conditions of this permit;

(c) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, inspect any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;

(d) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, sample or monitor substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and

(e) As authorized by the Clean Air Act, IC 13-14-2-2, IC 13-17-3-2, and IC 13-30-3-1, utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.

B.23 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
Permit Administration and Support Section, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

The application 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) 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.24 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-7-5(7)] [326 IAC 2-1.1-7]

(a) The Permittee shall pay annual fees to IDEM, OAQ within thirty (30) calendar days of receipt of a billing. Pursuant to 326 IAC 2-7-19(b), 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 317-233-4230 (ask for OAQ, Billing, Licensing, and Training Section), to determine the appropriate permit fee.

B.25 Credible Evidence [326 IAC 2-7-5(3)] [326 IAC 2-7-6] [62 FR 8314] [326 IAC 1-1-6]

For the purpose of submitting compliance certifications or establishing whether or not the Permittee has violated or is in violation of any condition of this permit, nothing in this permit shall preclude the use, including the exclusive use, of any credible evidence or information relevant to whether the Permittee would have been in compliance with the condition of this permit if the appropriate performance or compliance test or procedure had been performed.

SECTION C SOURCE OPERATION CONDITIONS

Entire Source

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

C.1 Particulate Emission Limitations For Processes with Process Weight Rates Less Than One Hundred (100) Pounds per Hour [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2(e)(2), particulate emissions from any process not exempt under 326 IAC 6-3-1(b) or (c) which has a maximum process weight rate less than 100 pounds per hour and the methods in 326 IAC 6-3-2(b) through (d) do not apply 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 Alternative Opacity Limitations), 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.

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.

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 Stack Height [326 IAC 1-7]

The Permittee shall comply with the applicable provisions of 326 IAC 1-7 (Stack Height Provisions), for all exhaust stacks through which a potential (before controls) of twenty-five (25) tons per year or more of particulate matter or sulfur dioxide is emitted. The provisions of 326 IAC 1-7-1(3), 326 IAC 1-7-2, 326 IAC 1-7-3(c) and (d), 326 IAC 1-7-4, and 326 IAC 1-7-5(a), (b), and (d) are not federally enforceable.

C.7 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]

(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
Compliance and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

The notice shall include a signed certification from the owner or operator that the information provided in this notification is correct and that only Indiana licensed workers and project supervisors will be used to implement the asbestos removal project. 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 14-10-1, 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) Demolition and Renovation
The Permittee shall thoroughly inspect the affected facility or part of the facility where the demolition or renovation will occur for the presence of asbestos pursuant to 40 CFR 61.145(a).

(g) 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 to use an Indiana Accredited Asbestos inspector is not 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 and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

no later than thirty-five (35) days prior to the intended test date. The protocol submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(b) The Permittee shall notify IDEM, OAQ of the actual test date at least fourteen (14) days prior to the actual test date. The notification submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(c) Pursuant to 326 IAC 3-6-4(b), all test reports must be received by IDEM, OAQ not later than forty-five (45) days after the completion of the testing. An extension may be granted by IDEM, OAQ if the Permittee submits to IDEM, OAQ a reasonable written explanation not later than five (5) days prior to the end of the initial forty-five (45) day period.

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 by issuing an order under 326 IAC 2-1.1-11. 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)]

Unless otherwise specified in this permit, all monitoring and record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance. If required by Section D, 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 and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

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).

Unless otherwise specified in the approval for the new emission unit(s), compliance monitoring for new emission units or emission units added through a source modification shall be implemented when operation begins.

C.11 Monitoring Methods [326 IAC 3] [40 CFR 60] [40 CFR 63]

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, 40 CFR 60, Appendix B, 40 CFR 63, or other approved methods as specified in this permit.

C.12 Instrument Specifications [326 IAC 2-1.1-11] [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]

(a) When required by any condition of this permit, an analog instrument used to measure a parameter related to the operation of an air pollution control device shall have a scale such that the expected maximum reading for the normal range shall be no less than twenty percent (20%) of full scale.

(b) The Permittee may request that the IDEM, OAQ approve the use of an instrument that does not meet the above specifications provided the Permittee can demonstrate that an alternative instrument specification will adequately ensure compliance with permit conditions requiring the measurement of the parameters.

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

C.13 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 prepared and submitted written emergency reduction plans (ERPs) consistent with safe operating procedures on June 19, 2002.

(b) 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.14 Risk Management Plan [326 IAC 2-7-5(12)] [40 CFR 68]

If a regulated substance, as defined in 40 CFR 68, is present at a source in more than a threshold quantity, the Permittee must comply with the applicable requirements of 40 CFR 68.

C.15 Response to Excursions or Exceedances [326 IAC 2-7-5] [326 IAC 2-7-6]

(a) Upon detecting an excursion or exceedance, the Permittee shall restore operation of the emissions unit (including any control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions.

(b) The response shall include minimizing the period of any startup, shutdown or malfunction and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). Corrective actions may include, but are not limited to, the following:

(1) initial inspection and evaluation

(2) recording that operations returned to normal without operator action (such as through response by a computerized distribution control system); or

(3) any necessary follow-up actions to return operation to within the indicator range, designated condition, or below the applicable emission limitation or standard, as applicable.

(c) A determination of whether the Permittee has used acceptable procedures in response to an excursion or exceedance will be based on information available, which may include, but is not limited to, the following:

(1) monitoring results;

(2) review of operation and maintenance procedures and records;

(3) inspection of the control device, associated capture system, and the process.

(d) Failure to take reasonable response steps shall be considered a deviation from the permit.

(e) The Permittee shall maintain the following records:

(1) monitoring data;

(2) monitor performance data, if applicable; and

(3) corrective actions taken.

C.16 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 response actions. The Permittee shall submit a description of these response actions to IDEM, OAQ within thirty (30) days of receipt of the test results. The Permittee shall take appropriate action to minimize excess emissions from the affected facility while the response actions are being implemented.

(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 twenty (120) days is not practicable, IDEM, OAQ may extend the retesting deadline.

(c) IDEM, OAQ reserves the authority to take any actions allowed under law in response to noncompliant stack tests.

The response action documents submitted pursuant to this condition do 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.17 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) In accordance with the compliance schedule specified in 326 IAC 2-6-3(b)(1), starting in 2004 and every three (3) years thereafter, the Permittee shall submit by July 1 an emission statement covering the previous calendar year. The emission statement shall contain, at a minimum, the information specified in 326 IAC 2-6-4(c) and shall meet the following requirements:

(1) Indicate estimated actual emissions of all pollutants listed in 326 IAC 2-6-4(a);

(2) Indicate estimated actual emissions of regulated pollutants as defined by 326 IAC 2-7-1 (32) ("Regulated pollutant, which is used only for purposes of Section 19 of this rule") from the source, for purpose of fee assessment.

The statement must be submitted to:

Indiana Department of Environmental Management
Compliance and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

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

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

(a) Records of all required monitoring data, reports and support information required by this permit 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 physically present or electronically accessible at the source location for a minimum of three (3) years. 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 request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.

(b) Unless otherwise specified in this permit, all record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance.

(c) If there is a "project" (as defined in 326 IAC 2-2-1 (qq)) and/or 326 IAC 2-3-1(ll)) at an existing emissions unit, other than projects at a source with a Plantwide Applicability Limitation (PAL), which is not part of a "major modification" (as defined in 326 IAC 2-2-1(ee) and/or 326 IAC 2-3-1(z)) and the Permittee elects to utilize the "projected actual emissions" (as defined in 326 IAC 2-2-1(rr) and/or 326 IAC 2-3-1(mm)), the Permittee shall comply with following:

(1) Before beginning actual construction of the "project" (as defined in 326 IAC 2-2-1(qq) and/or 326 IAC 2-3-1(ll)) at an existing emissions unit, document and maintain the following records:

(A) A description of the project.

(B) Identification of any emissions unit whose emissions of a regulated new source review pollutant could be affected by the project.

(C) A description of the applicability test used to determine that the project is not a major modification for any regulated NSR pollutant, including:

(i) Baseline actual emissions;

(ii) Projected actual emissions;

(iii) Amount of emissions excluded under section 326 IAC 2-2-1(rr)(2)(A)(iii) and/or 326 IAC 2-3-1(mm)(2)(A)(iii); and

(iv) An explanation for why the amount was excluded, and any netting calculations, if applicable.

(2) Monitor the emissions of any regulated NSR pollutant that could increase as a result of the project and that is emitted by any existing emissions unit identified in (1)(B) above; and

(3) Calculate and maintain a record of the annual emissions, in tons per year on a calendar year basis, for a period of five (5) years following resumption of regular operations after the change, or for a period of ten (10) years following resumption of regular operations after the change if the project increases the design capacity of or the potential to emit that regulated NSR pollutant at the emissions unit.

C.19 General Reporting Requirements [326 IAC 2-7-5(3)(C)] [326 IAC 2-1.1-11] [326 IAC 2-2] [326 IAC 2-3]

(a) The Permittee shall submit the attached Quarterly Deviation and Compliance Monitoring Report or its equivalent. Any deviation from permit requirements, the date(s) of each deviation, the cause of the deviation, and the response steps taken must be reported. This report shall be submitted within thirty (30) days of the end of the reporting period. The Quarterly Deviation and 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 and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

(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, all reports required in Section D of this permit shall be submitted within thirty (30) days of the end of the reporting period. All reports do require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(e) Reporting periods are based on calendar years, unless otherwise specified in this permit. For the purpose of this permit “calendar year” means the twelve (12) month period from January 1 to December 31 inclusive.

(f) If the Permittee is required to comply with the record keeping provisions of (c) in Section C - General Record Keeping Requirements for any “project” (as defined in 326 IAC 2-2-1(qq) and/or 326 IAC 2-3-1(ll)) at an existing emissions unit, and the project meets the following criteria, then the Permittee shall submit a report to IDEM, OAQ:

(1) The annual emissions, in tons per year, from the project identified in (c)(1) in Section C - General Record Keeping Requirements exceed the baseline actual emissions, as documented and maintained under Section C - General Record Keeping Requirements (c)(1)(C)(i), by a significant amount, as defined in 326 IAC 2-2-1(xx) and/or 326 IAC 2-3-1(qq)), for that regulated NSR pollutant, and

(2) The emissions differ from the preconstruction projection as documented and maintained under Section C - General Record Keeping Requirements (c)(1)(C)(ii).

(g) The report for project at an existing emissions unit shall be submitted within sixty (60) days after the end of the year and contain the following:

(1) The name, address, and telephone number of the major stationary source.

(2) The annual emissions calculated in accordance with (c)(2) and (3) in Section C - General Record Keeping Requirements.

(3) The emissions calculated under the actual-to-projected actual test stated in 326 IAC 2-2-2(d)(3) and/or 326 IAC 2-3-2(c)(3).

(4) Any other information that the Permittee deems fit to include in this report.

Reports required in this part shall be submitted to:

Indiana Department of Environmental Management
Compliance and Enforcement Branch, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

(h) The Permittee shall make the information required to be documented and maintained in accordance with (c) in Section C - General Record Keeping Requirements available for review upon a request for inspection by IDEM, OAQ. The general public may request this information from the IDEM, OAQ under 326 IAC 17.1.

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)]: SMC Manufacturing Lines

Two (2) SMC manufacturing lines, identified as Machine 1 and Machine 2, reconstructed and relocated in 2003, with a capacity of 12,000 pounds of SMC per hour, each, and one (1) SMC manufacturing line, identified as Machine 3, installed in 2004, with a capacity of 2,670 pounds of SMC per hour, consisting of the following. Under 40 CFR 63 (NESHAP), Subpart WWWW, this is considered a sheet molding compound (SMC) manufacturing operation:

(a) eighteen (18) resin storage tanks, with storage capacities between 2,000 and 6,300 gallons, each,

(b) one (1) small add material handling area,

(c) one (1) SMC mix room, consisting of four (4) mixing tanks, seven (7) holding tanks, and six (6) dynamic mixers,

(d) three (3) SMC manufacturing operations,

(e) one (1) SMC maturation area,

(f) two (2) calcium carbonate silos, storing 270,000 pounds, and

(g) one (1) dust collection system, exhausted through Stack SV-01.

(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 Minor Limit [326 IAC 2-2]

(a) In order to render requirements of 326 IAC 2-2 not applicable, the total VOC emissions from the three (3) SMC manufacturing lines (Machine 1, Machine 2 and Machine 3), shall be limited to less than a total of 246.1 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

(b) The VOC emissions from the SMC machines at the three (3) SMC manufacturing lines shall not exceed 0.0059 pounds of VOC emitted per pound of VOC input.

(c) The VOC emissions from Resin Storage associated with the three (3) SMC manufacturing lines shall not exceed 0.059 pounds of VOC emitted per ton of SMC produced.

The VOC emissions from the Mixing Station associated with the three (3) SMC manufacturing lines shall not exceed 0.19 pounds of VOC emitted per ton of SMC produced.

The VOC emissions from SMC Holding Area associated with the three (3) SMC manufacturing lines shall not exceed 0.0018 pounds of VOC emitted per ton of SMC produced.

(d) The PM and PM_{10} emissions from Machine 1 shall be limited to less than 8.84 pounds per hour.

(e) The PM and PM_{10} emissions from Machine 2 shall be limited to less than 8.84 pounds per hour.

(f) The PM and PM_{10} emissions from Machine 3 shall be limited to less than 1.97 pounds per hour.

Compliance with these limits will limit source-wide PM, PM_{10} and VOC emissions to less than two hundred fifty (250) tons per year and shall render the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration) not applicable.

D.1.2 Particulate [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), the particulate emission rate from the three (3) SMC manufacturing lines (Machine 1, Machine 2 and Machine 3) shall not exceed 23.3 pounds per hour when operating at a total process weight rate of 26,670 pounds per hour.

The pounds per hour limitation was calculated with the following equation:

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

$E = 4.10\ P^{0.67}$ where E = rate of emission in pounds per hour; and
P = process weight rate in tons per hour

D.1.3 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 three (3) SMC manufacturing lines (Machine 1, Machine 2 and Machine 3) and their control devices.

Compliance Determination Requirements

D.1.4 VOC Emissions

Compliance with Condition D.1.1 shall be demonstrated within thirty (30) days of the end of each month. This shall be based on the total volatile organic compound emitted for the previous month, added to the previous 11 months total VOC emitted so as to arrive at VOC emissions for the most recent twelve (12) consecutive month period. The VOC emissions for a month shall be calculated by using the following equation:

$$E = (V_{SMC} \times 0.0059) + (P_{SMC} \times 0.0001254)$$

Where:

E = Total VOC emissions (tons)

V_{SMC} = Total VOC input to the three (3) SMC Machines (tons)

P_{SMC} = Total SMC produced at the three (3) SMC Machines (tons)

D.1.5 Volatile Organic Compounds (VOC) [326 IAC 8-1-4] [326 IAC 8-1-2(a)]

Compliance with the VOC content and usage limitations contained in Conditions D.1.1 shall be determined pursuant to 326 IAC 8-1-4(a)(3) and 326 IAC 8-1-2(a) by preparing or obtaining from the manufacturer the copies of the “as supplied” and “as applied” VOC data sheets. 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.1.6 Particulate Control [326 IAC 2-7-6(6)]

(a) In order to comply with Condition D.1.2 the dust collection system for particulate control shall be in operation and control emissions from the three (3) SMC manufacturing lines at all times that any of the three (3) SMC manufacturing lines are in operation.

(b) In the event that dust collector failure is observed in a multi-compartment dust collector, if operations will continue for ten (10) days or more after the failure is observed before the failed units will be repaired or replaced, the Permittee shall promptly notify the IDEM, OAQ of the expected date the failed units will be repaired or replaced. The notification shall also include the status of the applicable compliance monitoring parameters with respect to normal, and the results of any response actions taken up to the time of notification.

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

D.1.7 Visible Emissions Notations [40 CFR 64, Compliance Assurance Monitoring (CAM)]

(a) Visible emission notations of the three (3) SMC manufacturing lines (Machine 1, Machine 2 and Machine 3) stack exhaust (Stack SV-01) shall be performed once per day during normal daylight operations. A trained employee shall record whether emissions are normal or abnormal.

(b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.

(c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.

(d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.

(e) If abnormal emissions are observed, the Permittee shall take reasonable response steps in accordance with Section C - Response to Excursions or Exceedances. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances shall be considered a deviation from this permit.

D.1.8 Dust Collector Parametric Monitoring [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)] [40 CFR 64, Compliance Assurance Monitoring (CAM)]

(a) The Permittee shall record the pressure drop across the dust collector used in conjunction with three (3) SMC manufacturing lines (Machine 1, Machine 2 and Machine 3) at least once per day when any of the three (3) SMC manufacturing lines (Machine 1, Machine 2 and Machine 3) are in operation. When for any one reading, the pressure drop across the dust collector is outside the normal range of 1.0 and 4.0 inches of water or a range established during the latest stack test, the Permittee shall take reasonable response steps in accordance with Section C - Response to Excursions or Exceedances. A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances, shall be considered a deviation from this permit.

(b) The instrument used for determining the pressure shall comply with Section C - Instrument Specifications, of this permit, shall be subject to approval by IDEM, OAQ, and shall be calibrated at least once every six (6) months.

D.1.9 Broken or Failed Dust Collector Detection

(a) For a single compartment dust collector controlling emissions from a process operated continuously, a failed unit and the associated process shall be shut down immediately until the failed unit has been repaired or replaced. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B - Emergency Provisions).

(b) For a single compartment dust collector controlling emissions from a batch process, the feed to the process shall be shut down immediately until the failed unit has been repaired or replaced. The emissions unit shall be shut down no later than the completion of the processing of the material in the line. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B - Emergency Provisions).

Collector failure can be indicated by a significant drop in the dust collector=s pressure reading with abnormal visible emissions, by an opacity violation, or by other means such as gas temperature, flow rate, air infiltration, leaks or dust traces.

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

D.1.10 Record Keeping Requirements

(a) To document compliance with Conditions D.1.1, 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. Records necessary to demonstrate compliance shall be available within 30 days of the end of each compliance period.

(1) The VOC content of the SMC, each coating material and solvent used.

(2) The amount of coating material and solvent less water used on monthly basis.

(A) Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used.

(B) Solvent usage records shall differentiate between those added to coatings and those used as cleanup solvents.

(3) The cleanup solvent usage for each month;

(4) The total VOC usage for each month; and

(5) The weight of VOCs emitted for each compliance period.

(b) To document compliance with Condition D.1.7, the Permittee shall maintain a daily record of visible emission notations of the three (3) SMC manufacturing lines (Machine 1, Machine 2 and Machine 3) stack exhaust (Stack SV-01). The Permittee shall include in its daily record when a visible emission notation is not taken and the reason for the lack of visible emission notation (e.g. the process did not operate that day).

(c) To document compliance with Condition D.1.8, the Permittee shall maintain a daily record of the pressure drop across the dust collector controlling the three (3) SMC manufacturing lines (Machine 1, Machine 2 and Machine 3). The Permittee shall include in its daily record when a pressure drop reading is not taken and the reason for the lack of a pressure drop reading (e.g. the process did not operate that day).

(d) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.1.11 Reporting Requirements

A quarterly summary of the information to document compliance with Condition D.1.1(a) 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. The report submitted by the Permittee does require the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).

SECTION D.2 FACILITY OPERATION CONDITIONS

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

(a) Natural gas-fired combustion sources with heat input equal to or less than ten million (10,000,000) Btu per hour.

(1) One (1) natural gas-fired boiler, with a maximum heat input capacity of less than 10 MMBtu/hr.

(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.2.1 Particulate [326 IAC 6-2-4]

Pursuant to 326 IAC 6-2-4 (Particulate Emission Limitations for Sources of Indirect Heating: Emission limitations for facilities specified in 326 IAC 6-2-1(d)), the particulate emissions from the one (1) natural gas-fired boiler, shall not exceed Pt pounds per million Btu heat input (lb/MMBtu) Where Pt shall be calculated using the following equation:

$$Pt = 1.09/Q^{0.26}$$

where:

Pt = Pounds of particulate matter emitted per million British thermal units (lb/mmBtu) heat input

Q = Total source maximum operating capacity rating in million British thermal units per hour (mmBtu/hr) heat input. The maximum operating capacity rating is defined as the maximum capacity at which the facility is operated or the nameplate capacity, whichever is specified in the facility's permit application, except when some lower capacity is contained in the facility's operation permit; in which case, the capacity specified in the operation permit shall be used.

For Q less than 10 mmBtu/hr, Pt shall not exceed 0.6.

SECTION E.1 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]: Reinforced Plastic Composites Production (40 CFR 63 Subpart WWWW)

Two (2) SMC manufacturing lines, identified as Machine 1 and Machine 2, reconstructed and relocated in 2003, with a capacity of 12,000 pounds of SMC per hour, each, and one (1) SMC manufacturing line, identified as Machine 3, installed in 2004, with a capacity of 2,670 pounds of SMC per hour, consisting of the following. Under 40 CFR 63 (NESHAP), Subpart WWWW, this is considered a sheet molding compound (SMC) manufacturing operation:

(a) eighteen (18) resin storage tanks, with storage capacities between 2,000 and 6,300 gallons, each,

(b) one (1) small add material handling area,

(c) one (1) SMC mix room, consisting of four (4) mixing tanks, seven (7) holding tanks, and six (6) dynamic mixers,

(d) three (3) SMC manufacturing operations,

(e) one (1) SMC maturation area,

(f) two (2) calcium carbonate silos, storing 270,000 pounds, and

(g) one (1) dust collection system, exhausted through Stack SV-01.

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

National Emission Standards for Hazardous Air Pollutants (NESHAP) Requirements [326 IAC 2-7-5(1)]

E.1.1 General Provisions Relating to NESHAP WWWW [326 IAC 20-1] [40 CFR Part 63, Subpart A]

Pursuant to 40 CFR 63.5925, the Permittee shall comply with the provisions of 40 CFR Part 63, Subpart A – General Provisions, which are incorporated by reference as 326 IAC 20-1-1, as specified in Table 15 of 40 CFR Part 63, Subpart WWWW in accordance with the schedule in 40 CFR 63 Subpart WWWW.

E.1.2 NESHAP WWWW Requirements [326 IAC 20-56] [40 CFR Part 63, Subpart WWWW]

Pursuant to CFR Part 63, Subpart WWWW, the Permittee shall comply with the provisions of 40 CFR Part 63.5780, as published in 70 FR 50124, August 25, 2005, with an effective date of October 24, 2005, for the three (3) SMC manufacturing lines (Machine 1, Machine 2 and Machine 3) and equipment cleaning, cleaning of materials used in reinforced plastic composites manufacture, mixing, and HAP-containing material storage, with a compliance date of April 21, 2006, as specified as follows:

What This Subpart Covers
§ 63.5780 What is the purpose of this subpart?

This subpart establishes national emissions standards for hazardous air pollutants (NESHAP) for reinforced plastic composites production. This subpart also establishes requirements to demonstrate initial and continuous compliance with the hazardous air pollutants (HAP) emissions standards.

§ 63.5785 Am I subject to this subpart?

(a) You are subject to this subpart if you own or operate a reinforced plastic composites production facility that is located at a major source of HAP emissions. Reinforced plastic composites production is limited to operations in which reinforced and/or nonreinforced plastic composites or plastic molding compounds are

manufactured using thermoset resins and/or gel coats that contain styrene to produce plastic composites. The resins and gel coats may also contain materials designed to enhance the chemical, physical, and/or thermal properties of the product. Reinforced plastic composites production also includes cleaning, mixing, HAP-containing materials storage, and repair operations associated with the production of plastic composites.

§ 63.5790 What parts of my plant does this subpart cover?

(a) This subpart applies to each new or existing affected source at reinforced plastic composites production facilities.

(b) The affected source consists of all parts of your facility engaged in the following operations: Open molding, closed molding, centrifugal casting, continuous lamination, continuous casting, polymer casting, pultrusion, sheet molding compound (SMC) manufacturing, bulk molding compound (BMC) manufacturing, mixing, cleaning of equipment used in reinforced plastic composites manufacture, HAP-containing materials storage, and repair operations on parts you also manufacture.

(c) The following operations are specifically excluded from any requirements in this subpart: application of mold sealing and release agents; mold stripping and cleaning; repair of parts that you did not manufacture, including non-routine manufacturing of parts; personal activities that are not part of the manufacturing operations (such as hobby shops on military bases); prepreg materials as defined in §63.5935; non-gel coat surface coatings; application of putties, polyputties, and adhesives; repair or production materials that do not contain resin or gel coat; research and development operations as defined in section 112(c)(7) of the CAA; polymer casting; and closed molding operations (except for compression/injection molding). Note that the exclusion of certain operations from any requirements applies only to operations specifically listed in this paragraph. The requirements for any co-located operations still apply.

§ 63.5795 How do I know if my reinforced plastic composites production facility is a new affected source or an existing affected source?

(a) A reinforced plastic composites production facility is a new affected source if it meets all the criteria in paragraphs (a)(1) and (2) of this section.

(1) You commence construction of the source after August 2, 2001.

(2) You commence construction, and no other reinforced plastic composites production source exists at that site.

(b) For the purposes of this subpart, an existing affected source is any affected source that is not a new affected source.

§ 63.5797 How do I determine the organic HAP content of my resins and gel coats?

In order to determine the organic HAP content of resins and gel coats, you may rely on information provided by the material manufacturer, such as manufacturer's formulation data and material safety data sheets (MSDS), using the procedures specified in paragraphs (a) through (c) of this section, as applicable.

(a) Include in the organic HAP total each organic HAP that is present at 0.1 percent by mass or more for Occupational Safety and Health Administration-defined carcinogens, as specified in 29 CFR 1910.1200(d)(4) and at 1.0 percent by mass or more for other organic HAP compounds.

(b) If the organic HAP content is provided by the material supplier or manufacturer as a range, you must use the upper limit of the range for determining compliance. If a separate measurement of the total organic HAP content, such as an analysis of the material by EPA Method 311 of appendix A to 40 CFR part 63, exceeds the upper limit of the range of the total organic HAP content provided by the material supplier or manufacturer, then you must use the measured organic HAP content to determine compliance.

(c) If the organic HAP content is provided as a single value, you may use that value to determine compliance. If a separate measurement of the total organic HAP content is made and is less than 2 percentage points higher than the value for total organic HAP content provided by the material supplier or manufacturer, then you still may use the provided value to demonstrate compliance. If the measured total

organic HAP content exceeds the provided value by 2 percentage points or more, then you must use the measured organic HAP content to determine compliance.

Compliance Dates and Standards
§ 63.5800 When do I have to comply with this subpart?

You must comply with the standards in this subpart by the dates specified in Table 2 to this subpart. Facilities meeting a organic HAP emissions standard based on a 12-month rolling average must begin collecting data on the compliance date in order to demonstrate compliance.

§ 63.5805 What standards must I meet to comply with this subpart?

You must meet the requirements of paragraphs (a) through (h) of this section that apply to you. You may elect to comply using any options to meet the standards described in §§63.5810 through 63.5830. Use the procedures in §63.5799 to determine if you meet or exceed the 100 tpy threshold.

(a) If you have an existing facility that has any centrifugal casting or continuous casting/lamination operations, you must meet the requirements of paragraph (a)(1) or (2) of this section:

(1) If the combination of all centrifugal casting and continuous lamination/casting operations emit 100 tpy or more of HAP, you must reduce the total organic HAP emissions from centrifugal casting and continuous lamination/casting operations by at least 95 percent by weight. As an alternative to meeting the 95 percent by weight requirement, centrifugal casting operations may meet the applicable organic HAP emissions limits in Table 5 to this subpart and continuous lamination/casting operations may meet an organic HAP emissions limit of 1.47 lbs/ton of neat resin plus and neat gel coat plus applied. For centrifugal casting, the percent reduction requirement does not apply to organic HAP emissions that occur during resin application onto an open centrifugal casting mold using open molding application techniques.

(2) If the combination of all centrifugal casting and continuous lamination/casting operations emit less than 100 tpy of HAP, then centrifugal casting and continuous lamination/casting operations must meet the appropriate requirements in Table 3 to this subpart.

(b) All operations at existing facilities not listed in paragraph (a) of this section must meet the organic HAP emissions limits in Table 3 to this subpart and the work practice standards in Table 4 to this subpart that apply, regardless of the quantity of HAP emitted.

(g) If you have repair operations subject to this subpart as defined in §63.5785, these repair operations must meet the requirements in Tables 3 and 4 to this subpart and are not required to meet the 95 percent organic HAP emissions reduction requirements in paragraph (a)(1) or (d) of this section.

General Compliance Requirements
§ 63.5835 What are my general requirements for complying with this subpart?

(a) You must be in compliance at all times with the work practice standards in Table 4 to this subpart, as well as the organic HAP emissions limits in Tables 3, or 5, or the organic HAP content limits in Table 7 to this subpart, as applicable, that you are meeting without the use of add-on controls.

(c) You must always operate and maintain your affected source, including air pollution control and monitoring equipment, according to the provisions in §63.6(e)(1)(i).

Testing and Initial Compliance Requirements
§ 63.5840 By what date must I conduct a performance test or other initial compliance demonstration?

You must conduct performance tests, performance evaluations, design evaluations, capture efficiency testing, and other initial compliance demonstrations by the compliance date specified in Table 2 to this subpart, with three exceptions. Open molding and centrifugal casting operations that elect to meet a organic HAP emissions limit on a 12-month rolling average must initiate collection of the required data on the compliance date, and demonstrate compliance 1 year after the compliance date. New sources that use add-on controls to initially meet compliance must demonstrate compliance within 180 days after their compliance date.

§ 63.5860 How do I demonstrate initial compliance with the standards?

(a) You demonstrate initial compliance with each organic HAP emissions standard in paragraphs (a) through (h) of §63.5805 that applies to you by using the procedures shown in Tables 8 and 9 to this subpart.

Continuous Compliance Requirements
§ 63.5900 How do I demonstrate continuous compliance with the standards?

(a) You must demonstrate continuous compliance with each standard in §63.5805 that applies to you according to the methods specified in paragraphs (a)(1) through (3) of this section.

(4) Compliance with the work practice standards in Table 4 to this subpart is demonstrated by performing the work practice required for your operation.

(b) You must report each deviation from each standard in §63.5805 that applies to you. The deviations must be reported according to the requirements in §63.5910.

(c) Except as provided in paragraph (d) of this section, during periods of startup, shutdown or malfunction, you must meet the organic HAP emissions limits and work practice standards that apply to you.

Notifications, Reports, and Records
§ 63.5905 What notifications must I submit and when?

(a) You must submit all of the notifications in Table 13 to this subpart that apply to you by the dates specified in Table 13 to this subpart. The notifications are described more fully in 40 CFR part 63, subpart A, referenced in Table 13 to this subpart.

(b) If you change any information submitted in any notification, you must submit the changes in writing to the Administrator within 15 calendar days after the change.

§ 63.5910 What reports must I submit and when?

(a) You must submit each report in Table 14 to this subpart that applies to you.

(b) Unless the Administrator has approved a different schedule for submission of reports under §63.10(a), you must submit each report by the date specified in Table 14 to this subpart and according to paragraphs (b)(1) through (5) of this section.

(1) The first compliance report must cover the period beginning on the compliance date that is specified for your affected source in §63.5800 and ending on June 30 or December 31, whichever date is the first date following the end of the first calendar half after the compliance date that is specified for your source in §63.5800.

(2) The first compliance report must be postmarked or delivered no later than July 31 or January 31, whichever date follows the end of the first calendar half after the compliance date that is specified for your affected source in §63.5800.

(3) Each subsequent compliance report must cover the semiannual reporting period from January 1 through June 30 or the semiannual reporting period from July 1 through December 31.

(4) Each subsequent compliance report must be postmarked or delivered no later than July 31 or January 31, whichever date is the first date following the end of the semiannual reporting period.

(5) For each affected source that is subject to permitting requirements pursuant to 40 CFR part 70 or 71, and if the permitting authority has established dates for submitting semiannual reports pursuant to §70.6 (a)(3)(iii)(A) or §71.6(a)(3)(iii)(A), you may submit the first and subsequent compliance reports according to the dates the permitting authority has established instead of according to the dates in paragraphs (b)(1) through (4) of this section.

(c) The compliance report must contain the information in paragraphs (c)(1) through (6) of this section:

(1) Company name and address.

(2) Statement by a responsible official with that official's name, title, and signature, certifying the truth, accuracy, and completeness of the content of the report.

(3) Date of the report and beginning and ending dates of the reporting period.

(4) If you had a startup, shutdown, or malfunction during the reporting period and you took actions consistent with your startup, shutdown, and malfunction plan, the compliance report must include the information in §63.10(d)(5)(i).

(5) If there are no deviations from any organic HAP emissions limitations (emissions limit and operating limit) that apply to you, and there are no deviations from the requirements for work practice standards in Table 4 to this subpart, a statement that there were no deviations from the organic HAP emissions limitations or work practice standards during the reporting period.

(d) For each deviation from a organic HAP emissions limitation (*i.e.,* emissions limit and operating limit) and for each deviation from the requirements for work practice standards that occurs at an affected source where you are not using a CMS to comply with the organic HAP emissions limitations or work practice standards in this subpart, the compliance report must contain the information in paragraphs (c)(1) through (4) of this section and in paragraphs (d)(1) and (2) of this section. This includes periods of startup, shutdown, and malfunction.

(1) The total operating time of each affected source during the reporting period.

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

(g) Each affected source that has obtained a title V operating permit pursuant to 40 CFR part 70 or 71 must report all deviations as defined in this subpart in the semiannual monitoring report required by §70.6(a)(3)(iii)(A) or §71.6(a)(3)(iii)(A). If an affected source submits a compliance report pursuant to Table 14 to this subpart along with, or as part of, the semiannual monitoring report required by §70.6(a)(3)(iii)(A) or §71.6(a)(3)(iii)(A), and the compliance report includes all required information concerning deviations from any organic HAP emissions limitation (including any operating limit) or work practice requirement in this subpart, submission of the compliance report shall be deemed to satisfy any obligation to report the same deviations in the semiannual monitoring report. However, submission of a compliance report shall not otherwise affect any obligation the affected source may have to report deviations from permit requirements to the permitting authority.

(h) Submit compliance reports and startup, shutdown, and malfunction reports based on the requirements in Table 14 to this subpart, and not based on the requirements in §63.999.

(i) Where multiple compliance options are available, you must state in your next compliance report if you have changed compliance options since your last compliance report.

§ 63.5915 What records must I keep?

(a) You must keep the records listed in paragraphs (a)(1) through (3) of this section.

(1) A copy of each notification and report that you submitted to comply with this subpart, including all documentation supporting any Initial Notification or Notification of Compliance Status that you submitted, according to the requirements in §63.10(b)(2)(xiv).

(2) The records in §63.6(e)(3)(iii) through (v) related to startup, shutdown, and malfunction.

(3) Records of performance tests, design, and performance evaluations as required in §63.10(b)(2).

(d) You must keep a certified statement that you are in compliance with the work practice requirements in Table 4 to this subpart, as applicable.

§ 63.5920 In what form and how long must I keep my records?

(a) You must maintain all applicable records in such a manner that they can be readily accessed and are suitable for inspection according to §63.10(b)(1).

(b) As specified in §63.10(b)(1), you must keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record.

(c) You must keep each record onsite for at least 2 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to §63.10(b)(1). You can keep the records offsite for the remaining 3 years.

(d) You may keep records in hard copy or computer readable form including, but not limited to, paper, microfilm, computer floppy disk, magnetic tape, or microfiche.

Other Requirements and Information

§ 63.5925 What parts of the General Provisions apply to me?

Table 15 to this subpart shows which parts of the General Provisions in §§63.1 through 63.15 apply to you.

§ 63.5930 Who implements and enforces this subpart?

(a) This subpart can be administered by us, the EPA, or a delegated authority such as your State, local, or tribal agency. If the EPA Administrator has delegated authority to your State, local, or tribal agency, then that agency has the authority to administer and enforce this subpart. You should contact your EPA Regional Office to find out if this subpart is delegated to your State, local, or tribal agency.

(b) In delegating implementation and enforcement authority of this subpart to a State, local, or tribal agency under 40 CFR part 63, subpart E, the authorities contained in paragraph (c) of this section are not delegated.

(c) The authorities that will not be delegated to State, local, or tribal agencies are listed in paragraphs (c)(1) through (4) of this section:

(1) Approval of alternatives to the organic HAP emissions standards in §63.5805 under §63.6(g).

(2) Approval of major changes to test methods under §63.7(e)(2)(ii) and (f) and as defined in §63.90.

(3) Approval of major changes to monitoring under §63.8(f) and as defined in §63.90.

(4) Approval of major changes to recordkeeping and reporting under §63.10(f) and as defined in §63.90.

§ 63.5935 What definitions apply to this subpart?

Terms used in this subpart are defined in the CAA, in 40 CFR 63.2, and in this section as follows:

Atomized mechanical application means application of resin or gel coat with spray equipment that separates the liquid into a fine mist. This fine mist may be created by forcing the liquid under high pressure through an elliptical orifice, bombarding a liquid stream with directed air jets, or a combination of these techniques.

Bulk molding compound (BMC) means a putty-like molding compound containing resin(s) in a form that is ready to mold. In addition to resins, BMC may contain catalysts, fillers, and reinforcements. Bulk molding compound can be used in compression molding and injection molding operations to manufacture reinforced plastic composites products.

BMC manufacturing means a process that involves the preparation of BMC.

Centrifugal casting means a process for fabricating cylindrical composites, such as pipes, in which composite materials are positioned inside a rotating hollow mandrel and held in place by centrifugal forces until the part is sufficiently cured to maintain its physical shape.

Charge means the amount of SMC or BMC that is placed into a compression or injection mold necessary to complete one mold cycle.

Cleaning means removal of composite materials, such as cured and uncured resin from equipment, finished surfaces, floors, hands of employees, or any other surfaces.

Clear production gel coat means an unpigmented, quick-setting resin used to improve the surface appearance and/or performance of composites. It can be used to form the surface layer of any composites other than those used for molds in tooling operations.

Closed molding means a grouping of processes for fabricating composites in a way that HAP-containing materials are not exposed to the atmosphere except during the material loading stage (*e.g.,* compression molding, injection molding, and resin transfer molding). Processes where the mold is covered with plastic (or equivalent material) prior to resin application, and the resin is injected into the covered mold are also considered closed molding.

Composite means a shaped and cured part produced by using composite materials.

Composite materials means the raw materials used to make composites. The raw materials include styrene containing resins. They may also include gel coat, monomer, catalyst, pigment, filler, and reinforcement.

Compression molding means a closed molding process for fabricating composites in which composite materials are placed inside matched dies that are used to cure the materials under heat and pressure without exposure to the atmosphere. The addition of mold paste or in-mold coating is considered part of the closed molding process. The composite materials used in this process are generally SMC or BMC.

Compression/injection molding means a grouping of processes that involves the use of compression molding and/or injection molding.

Continuous casting means a continuous process for fabricating composites in which composite materials are placed on an in-line conveyor belt to produce cast sheets that are cured in an oven.

Continuous lamination means a continuous process for fabricating composites in which composite materials are typically sandwiched between plastic films, pulled through compaction rollers, and cured in an oven. This process is generally used to produce flat or corrugated products on an in-line conveyor.

Continuous lamination/casting means a grouping of processes that involves the use of continuous lamination and/or continuous casting.

Controlled emissions means those organic HAP emissions that are vented from a control device to the atmosphere.

Corrosion-resistant gel coat means a gel coat used on a product made with a corrosion-resistant resin that has a corrosion-resistant end-use application.

Corrosion-resistant end-use applications means applications where the product is manufactured specifically for an application that requires a level of chemical inertness or resistance to chemical attack above that required for typical reinforced plastic composites products. These applications include, but are not limited to, chemical processing and storage; pulp and paper production; sewer and wastewater treatment; power generation; potable water transfer and storage; food and drug processing; pollution or odor control; metals production and plating; semiconductor manufacturing; petroleum production, refining, and storage; mining; textile production; nuclear materials storage; swimming pools; and cosmetic production, as well as end-use applications that require high strength resins.

Corrosion-resistant industry standard includes the following standards: ASME RTP–1 or Sect. X; ASTM D5364, D3299, D4097, D2996, D2997, D3262, D3517, D3754, D3840, D4024, D4160, D4161, D4162,

D4184, D3982, or D3839; ANSI/AWWA C950; UL 215, 1316 or 1746, IAPMO PS–199, or written customer requirements for resistance to specified chemical environments.

Corrosion-resistant product means a product made with a corrosion-resistant resin and is manufactured to a corrosion-resistant industry standard, or a food contact industry standard, or is manufactured for corrosion-resistant end-use applications involving continuous or temporary chemical exposures.

Corrosion-resistant resin means a resin that either:

(1) Displays substantial retention of mechanical properties when undergoing ASTM C–581 coupon testing, where the resin is exposed for 6 months or more to one of the following materials: Material with a pH ≥ 12.0 or ≤ 3.0, oxidizing or reducing agents, organic solvents, or fuels or additives as defined in 40 CFR 79.2. In the coupon testing, the exposed resin needs to demonstrate a minimum of 50 percent retention of the relevant mechanical property compared to the same resin in unexposed condition. In addition, the exposed resin needs to demonstrate an increased retention of the relevant mechanical property of at least 20 percentage points when compared to a similarly exposed general-purpose resin. For example, if the general-purpose resin retains 45 percent of the relevant property when tested as specified above, then a corrosion-resistant resin needs to retain at least 65 percent (45 percent plus 20 percent) of its property. The general-purpose resin used in the test needs to have an average molecular weight of greater than 1,000, be formulated with a 1:2 ratio of maleic anhydride to phthalic anhydride and 100 percent diethylene glycol, and a styrene content between 43 to 48 percent; or

(2) Complies with industry standards that require specific exposure testing to corrosive media, such as UL 1316, UL 1746, or ASTM F–1216.

Doctor box means the box or trough on an SMC machine into which the liquid resin paste is delivered before it is metered onto the carrier film.

Filament application means an open molding process for fabricating composites in which reinforcements are fed through a resin bath and wound onto a rotating mandrel. The materials on the mandrel may be rolled out or worked by using nonmechanical tools prior to curing. Resin application to the reinforcement on the mandrel by means other than the resin bath, such as spray guns, pressure-fed rollers, flow coaters, or brushes is not considered filament application.

Filled Resin means that fillers have been added to a resin such that the amount of inert substances is at least 10 percent by weight of the total resin plus filler mixture. Filler putty made from a resin is considered a filled resin.

Fillers means inert substances dispersed throughout a resin, such as calcium carbonate, alumina trihydrate, hydrous aluminum silicate, mica, feldspar, wollastonite, silica, and talc. Materials that are not considered to be fillers are glass fibers or any type of reinforcement and microspheres.

Fire retardant gel coat means a gel coat used for products for which low-flame spread/low-smoke resin is used.

Fluid impingement technology means a spray gun that produces an expanding non-misting curtain of liquid by the impingement of low-pressure uninterrupted liquid streams.

Food contact industry standard means a standard related to food contact application contained in Food and Drug Administration's regulations at 21 CFR 177.2420.

Gel Coat means a quick-setting resin used to improve surface appearance and/or performance of composites. It can be used to form the surface layer of any composites other than those used for molds in tooling operations.

Gel coat application means a process where either clear production, pigmented production, white/off-white or tooling gel coat is applied.

HAP-containing materials storage means an ancillary process which involves keeping HAP-containing materials, such as resins, gel coats, catalysts, monomers, and cleaners, in containers or bulk storage tanks for any length of time. Containers may include small tanks, totes, vessels, and buckets.

High Performance gel coat means a gel coat used on products for which National Sanitation Foundation, United States Department of Agriculture, ASTM, durability, or other property testing is required.

High strength gel coat means a gel coat applied to a product that requires high strength resin.

High strength resins means polyester resins which have a casting tensile strength of 10,000 pounds per square inch or more and which are used for manufacturing products that have high strength requirements such as structural members and utility poles.

Injection molding means a closed molding process for fabricating composites in which composite materials are injected under pressure into a heated mold cavity that represents the exact shape of the product. The composite materials are cured in the heated mold cavity.

Low Flame Spread/Low Smoke Products means products that meet the following requirements. The products must meet both the applicable flame spread requirements and the applicable smoke requirements. Interior or exterior building application products must meet an ASTM E–84 Flame Spread Index of less than or equal to 25, and Smoke Developed Index of less than or equal to 450, or pass National Fire Protection Association 286 Room Corner Burn Test with no flash over and total smoke released not exceeding 1000 meters square. Mass transit application products must meet an ASTM E–162 Flame Spread Index of less than or equal to 35 and ASTM E662 Smoke Density Ds @ 1.5 minutes less than or equal to 100 and Ds @ 4 minutes less than to equal to 200. Duct application products must meet ASTM E084 Flame Spread Index less than or equal to 25 and Smoke Developed Index less than or equal to 50 on the interior and/or exterior of the duct.

Manual resin application means an open molding process for fabricating composites in which composite materials are applied to the mold by pouring or by using hands and nonmechanical tools, such as brushes and rollers. Materials are rolled out or worked by using nonmechanical tools prior to curing. The use of pressure-fed rollers and flow coaters to apply resin is not considered manual resin application.

Mechanical resin application means an open molding process for fabricating composites in which composite materials (except gel coat) are applied to the mold by using mechanical tools such as spray guns, pressure-fed rollers, and flow coaters. Materials are rolled out or worked by using nonmechanical tools prior to curing.

Mixing means the blending or agitation of any HAP-containing materials in vessels that are 5.00 gallons (18.9 liters) or larger, and includes the mixing of putties or polyputties. Mixing may involve the blending of resin, gel coat, filler, reinforcement, pigments, catalysts, monomers, and any other additives.

Mold means a cavity or matrix into or onto which the composite materials are placed and from which the product takes its form.

Neat gel coat means the resin as purchased for the supplier, but not including any inert fillers.

Neat gel coat plus means neat gel coat plus any organic HAP-containing materials that are added to the gel coat by the supplier or the facility, excluding catalysts and promoters. Neat gel coat plus does include any additions of styrene or methyl methacrylate monomer in any form, including in catalysts and promoters.

Neat resin means the resin as purchased from the supplier, but not including any inert fillers.

Neat resin plus means neat resin plus any organic HAP-containing materials that are added to the resin by the supplier or the facility. Neat resin plus does not include any added filler, reinforcements, catalysts, or promoters. Neat resin plus does include any additions of styrene or methyl methacrylate monomer in any form, including in catalysts and promoters.

Nonatomized mechanical application means the use of application tools other than brushes to apply resin and gel coat where the application tool has documentation provided by its manufacturer or user that this design of the application tool has been organic HAP emissions tested, and the test results showed that use of this application tool results in organic HAP emissions that are no greater than the organic HAP emissions predicted by the applicable nonatomized application equation(s) in Table 1 to this subpart. In addition, the device must be operated according to the manufacturer's directions, including instructions to prevent the operation of the device at excessive spray pressures. Examples of nonatomized application include flow coaters, pressure fed rollers, and fluid impingement spray guns.

Noncorrosion-resistant resin means any resin other than a corrosion-resistant resin or a tooling resin.

Noncorrosion-resistant product means any product other than a corrosion-resistant product or a mold.

Non-routine manufacture means that you manufacture parts to replace worn or damaged parts of a reinforced plastic composites product, or a product containing reinforced plastic composite parts, that was originally manufactured in another facility. For a part to qualify as non-routine manufacture, it must be used for repair or replacement, and the manufacturing schedule must be based on the current or anticipated repair needs of the reinforced plastic composites product, or a product containing reinforced plastic composite parts.

Operation means a specific process typically found at a reinforced plastic composites facility. Examples of operations are noncorrosion-resistant manual resin application, corrosion-resistant mechanical resin application, pigmented gel coat application, mixing and HAP-containing materials storage.

Operation group means a grouping of individual operations based primarily on mold type. Examples are open molding, closed molding, and centrifugal casting.

Open molding means a process for fabricating composites in a way that HAP-containing materials are exposed to the atmosphere. Open molding includes processes such as manual resin application, mechanical resin application, filament application, and gel coat application. Open molding also includes application of resins and gel coats to parts that have been removed from the open mold.

Pigmented gel coat means a gel coat that has a color, but does not contain 10 percent of more titanium dioxide by weight. It can be used to form the surface layer of any composites other than those used for molds in tooling operations.

Polymer casting means a process for fabricating composites in which composite materials are ejected from a casting machine or poured into an open, partially open, or closed mold and cured. After the composite materials are poured into the mold, they are not rolled out or worked while the mold is open, except for smoothing the material and/or vibrating the mold to remove bubbles. The composite materials may or may not include reinforcements. Products produced by the polymer casting process include cultured marble products and polymer concrete.

Preform Injection means a form of pultrusion where liquid resin is injected to saturate reinforcements in an enclosed system containing one or more chambers with openings only large enough to admit reinforcements. Resin, which drips out of the chamber(s) during the process, is collected in closed piping or covered troughs and then into a covered reservoir for recycle. Resin storage vessels, reservoirs, transfer systems, and collection systems are covered or shielded from the ambient air. Preform injection differs from direct die injection in that the injection chambers are not directly attached to the die.

Prepreg materials means reinforcing fabric received precoated with resin which is usually cured through the addition of heat.

Pultrusion means a continuous process for manufacturing composites that have a uniform cross-sectional shape. The process consists of pulling a fiber-reinforcing material through a resin impregnation chamber or bath and through a shaping die, where the resin is subsequently cured. There are several types of pultrusion equipment, such as open bath, resin injection, and direct die injection equipment.

Repair means application of resin or gel coat to a part to correct a defect, where the resin or gel coat application occurs after the part has gone through all the steps of its typical production process, or the application occurs outside the normal production area. For purposes of this subpart, rerouting a part back through the normal production line, or part of the normal production line, is not considered repair.

Resin transfer molding means a process for manufacturing composites whereby catalyzed resin is transferred or injected into a closed mold in which fiberglass reinforcement has been placed.

Sheet molding compound (SMC) means a ready-to-mold putty-like molding compound that contains resin(s) processed into sheet form. The molding compound is sandwiched between a top and a bottom film. In addition to resin(s), it may also contain catalysts, fillers, chemical thickeners, mold release agents, reinforcements, and other ingredients. Sheet molding compound can be used in compression molding to manufacture reinforced plastic composites products.

Shrinkage controlled resin means a resin that when promoted, catalyzed, and filled according to the resin manufacturer's recommendations demonstrates less than 0.3 percent linear shrinkage when tested according to ASTM D2566.

SMC manufacturing means a process which involves the preparation of SMC.

Tooling gel coat means a gel coat that is used to form the surface layer of molds. Tooling gel coats generally have high heat distortion temperatures, low shrinkage, high barcol hardness, and high dimensional stability.

Tooling resin means a resin that is used to produce molds. Tooling resins generally have high heat distortion temperatures, low shrinkage, high barcol hardness, and high dimensional stability.

Uncontrolled oven organic HAP emissions means those organic HAP emissions emitted from the oven through closed vent systems to the atmosphere and not to a control device. These organic HAP emissions do not include organic HAP emissions that may escape into the workplace through the opening of panels or doors on the ovens or other similar fugitive organic HAP emissions in the workplace.

Uncontrolled wet-out area organic HAP emissions means any or all of the following: Organic HAP emissions from wet-out areas that do not have any capture and control, organic HAP emissions that escape from wet-out area enclosures, and organic HAP emissions from wet-out areas that are captured by an enclosure but are vented to the atmosphere and not to an add-on control device.

Unfilled means that there has been no addition of fillers to a resin or that less than 10 percent of fillers by weight of the total resin plus filler mixture has been added.

Vapor suppressant means an additive, typically a wax, that migrates to the surface of the resin during curing and forms a barrier to seal in the styrene and reduce styrene emissions.

Vapor-suppressed resin means a resin containing a vapor suppressant added for the purpose of reducing styrene emissions during curing.

White and off-white gel coat means a gel coat that contains 10 percent of more titanium dioxide by weight.

Table 2 to Subpart WWWW of Part 63—Compliance Dates for New and Existing Reinforced Plastic Composites Facilities

As required in §§63.5800 and 63.5840 you must demonstrate compliance with the standards by the dates in the following table:

If your facility is . . .	And . . .	Then you must comply by this date . . .
1. An existing source.....	a. Is a major source on or before the publication date of this subpart.	i. April 21, 2006, or ii. You must accept and meet an enforceable HAP emissions limit below the major source threshold prior to April 21, 2006.

Table 4 to Subpart WWWW of Part 63—Work Practice Standards

As specified in §63.5805, you must meet the work practice standards in the following table that apply to you:

For . . .	You must . . .
1. a new or existing closed molding operation using compression/injection molding.	uncover, unwrap or expose only one charge per mold cycle per compression/injection molding machine. For machines with multiple molds, one charge means sufficient material to fill all molds for one cycle. For machines with robotic loaders, no more than one charge may be exposed prior to the loader. For machines fed by hoppers, sufficient material may be uncovered to fill the hopper. Hoppers must be closed when not adding materials. Materials may be uncovered to feed to slitting machines. Materials must be recovered after slitting.
2. a new or existing cleaning operation.	not use cleaning solvents that contain HAP, except that styrene may be used as a cleaner in closed systems, and organic HAP containing cleaners may be used to clean cured resin from application equipment. Application equipment includes any equipment that directly contacts resin.

Table 4 to Subpart WWWW of Part 63—Work Practice Standards

As specified in §63.5805, you must meet the work practice standards in the following table that apply to you:

For . . .	You must . . .
3. a new or existing materials HAP-containing materials storage operation.	keep containers that store HAP-containing materials closed or covered except during the addition or removal of materials. Bulk HAP-containing materials storage tanks may be vented as necessary for safety.
4. an existing or new SMC manufacturing operation.	close or cover the resin delivery system to the doctor box on each SMC manufacturing machine. The doctor box itself may be open.
5. an existing or new SMC manufacturing operation.	use a nylon containing film to enclose SMC.
6. all mixing or BMC manufacturing operations\1\.	use mixer covers with no visible gaps present in the mixer covers, except that gaps of up to 1 inch are permissible around mixer shafts and any required instrumentation.
7. all mixing or BMC manufacturing operations\1\.	close any mixer vents when actual mixing is occurring, except that venting is allowed during addition of materials, or as necessary prior to adding materials or opening the cover for safety. Vents routed to a 95 percent efficient control device are exempt from this requirement.
8. all mixing or BMC manufacturing operations\1\.	keep the mixer covers closed while actual mixing is occurring except when adding materials or changing covers to the mixing vessels.

\1\ Containers of 5 gallons or less may be open when active mixing is taking place, or during periods when they are in process (i.e., they are actively being used to apply resin). For polymer casting mixing operations, containers with a surface area of 500 square inches or less may be open while active mixing is taking place.

Table 9 to Subpart WWWW of Part 63—Initial Compliance With Work Practice Standards

As specified in §63.5860(a), you must demonstrate initial compliance with work practice standards as specified in the following table

For . . .	That must meet the following standards . . .	You have demonstrated initial compliance if . . .
1. a new or existing closed molding operation using compression/injection molding.	uncover, unwrap or expose only one charge per mold cycle per compression/injection molding machine. For machines with multiple molds, one charge means sufficient material to fill all molds for one cycle. For machines with robotic loaders, no more than one charge may be exposed prior to the loader. For machines fed by hoppers, sufficient material may be uncovered to fill the hopper. Hoppers must be closed when not adding materials. Materials may be uncovered to feed to slitting machines. Materials must be recovered after slitting.	the owner or operator submits a certified statement in the notice of compliance status that only one charge is uncovered, unwrapped, or exposed per mold cycle per compression/injection molding machine, or prior to the loader, hoppers are closed except when adding materials, and materials are recovered after slitting.

Table 9 to Subpart WWWW of Part 63—Initial Compliance With Work Practice Standards
As specified in §63.5860(a), you must demonstrate initial compliance with work practice standards as specified in the following table

For . . .	That must meet the following standards . . .	You have demonstrated initial compliance if . . .
2. a new or existing cleaning operation.	not use cleaning solvents that contain HAP, except that styrene may be used in closed systems, and organic HAP containing materials may be used to clean cured resin from application equipment. Application equipment includes any equipment that directly contacts resin between storage and applying resin to the mold or reinforcement.	the owner or operator submits a certified statement in the notice of compliance status that all cleaning materials, except styrene contained in closed systems, or materials used to clean cured resin from application equipment, contain no HAP.
3. a new or existing materials HAP-containing materials storage operation.	keep containers that store HAP-containing materials closed or covered except during the addition or removal of materials. Bulk HAP-containing materials storage tanks may be vented as necessary for safety.	the owner or operator submits a certified statement in the notice of compliance status that all HAP-containing storage containers are kept closed or covered except when adding or removing materials, and that any bulk storage tanks are vented only as necessary for safety.

Table 9 to Subpart WWWW of Part 63—Initial Compliance With Work Practice Standards

As specified in §63.5860(a), you must demonstrate initial compliance with work practice standards as specified in the following table

For . . .	That must meet the following standards . . .	You have demonstrated initial compliance if . . .
4. an existing or new SMC manufacturing operation.	close or cover the resin delivery system to the doctor box on each SMC manufacturing machine. The doctor box itself may be open.	the owner or operator submits a certified statement in the notice of compliance status that the resin delivery system is closed or covered.
5. an existing or new SMC manufacturing operation.	use a nylon containing film to enclose SMC.	the owner or operator submits a certified statement in the notice of compliance status that a nylon-containing film is used to enclose SMC.
6. an existing or new mixing or BMC manufacturing operation.	use mixer covers with no visible gaps present in the mixer covers, except that gaps of up to 1 inch are permissible around mixer shafts and any required instrumentation.	the owner or operator submits a certified statement in the notice of compliance status that mixer covers are closed during mixing except when adding materials to the mixers, and that gaps around mixer shafts and required instrumentation are less than 1 inch.

Table 9 to Subpart WWWW of Part 63—Initial Compliance With Work Practice Standards

As specified in §63.5860(a), you must demonstrate initial compliance with work practice standards as specified in the following table

For . . .	That must meet the following standards . . .	You have demonstrated initial compliance if . . .
7. an existing mixing or BMC manufacturing operation.	not actively vent mixers to the atmosphere while the mixing agitator is turning, except that venting is allowed during addition of materials, or as necessary prior to adding materials for safety.	the owner or operator submits a certified statement in the notice of compliance status that mixers are not actively vented to the atmosphere when the agitator is turning except when adding materials or as necessary for safety.
8. a new or existing mixing or BMC manufacturing operation.	keep the mixer covers closed during mixing except when adding materials to the mixing vessels.	the owner or operator submits a certified statement in the notice of compliance status that mixers closed except when adding materials to the mixing vessels.

Table 13 to Subpart WWWW of Part 63—Applicability and Timing of Notifications

As required in §63.5905(a), you must determine the applicable notifications and submit them by the dates shown in the following table:

If your facility . . .	You must submit . . .	By this date . . .
1. Is an existing source subject to this subpart.	An Initial Notification containing the information specified in § 63.9(b)(2).	No later than the dates specified in § 63.9(b)(2).

Table 14 to Subpart WWWW of Part 63—Requirements for Reports

As required in §63.5910(a), (b), (g), and (h), you must submit reports on the schedule shown in the following table:

You must submit a(n)	The report must contain . . .	You must submit the report . . .
1. Compliance report.....	a. A statement that there were no deviations during that reporting period if there were no deviations from any emission limitations (emission limit, operating limit, opacity limit, and visible emission limit) that apply to you and there were no deviations from the requirements for work practice standards in Table 4 to this subpart that apply to you. If there were no periods during which the CMS, including CEMS, and operating parameter monitoring systems, was out of control as specified in § 63.8(c)(7), the report must also contain a statement that there were no periods during which the CMS was out of control during the reporting period.	Semiannually according to the requirements in § 63.5910(b).

Table 14 to Subpart WWWW of Part 63—Requirements for Reports

As required in §63.5910(a), (b), (g), and (h), you must submit reports on the schedule shown in the following table:

You must submit a(n)	The report must contain . . .	You must submit the report . . .
	b. The information in § 63.5910(d) if you have a deviation from any emission limitation (emission limit, operating limit, or work practice standard) during the reporting period. If there were periods during which the CMS, including CEMS, and operating parameter monitoring systems, was out of control, as specified in § 63.8(c)(7), the report must contain the information in § 63.5910(e).	Semiannually according to the requirements in § 63.5910(b).
	c. The information in § 63.10(d)(5)(i) if you had a startup, shutdown or malfunction during the reporting period, and you took actions consistent with your startup, shutdown, and malfunction plan.	Semiannually according to the requirements in § 63.5910(b).
2. An immediate startup, shutdown, and malfunction report if you had a startup, shutdown, or malfunction during the reporting period that is not consistent with your startup, shutdown, and malfunction plan.	a. Actions taken for the event.	By fax or telephone within 2 working days after starting actions inconsistent with the plan.
	b. The information in § 63.10(d)(5)(ii).	By letter within 7 working days after the end of the event unless you have made alternative arrangements with the permitting authority. (§ 63.10(d)(5)(ii)).

Table 15 to Subpart WWWW of Part 63—Applicability of General Provisions (Subpart A) to Subpart WWWW of Part 63

As specified in §63.5925, the parts of the General Provisions which apply to you are shown in the following table:

The general provisions reference . . .	That addresses . . .	And applies to subpart WWWW of part 63 . . .	Subject to the following additional information . . .
§ 63.1(a)(1)	General applicability of the general provisions.	Yes	Additional terms defined in subpart WWWW of Part 63, when overlap between subparts A and WWWW of Part 63 of this part, subpart WWWW of Part 63 takes precedence.
§ 63.1(a)(2) through (4)	General applicability of the general provisions.	Yes	
§ 63.1(a)(5)	Reserved	No	
§ 63.1(a)(6)	General applicability of the general provisions.	Yes	
§ 63.1(a)(7) through (9)	Reserved	No	
§ 63.1(a)(10) through (14)	General applicability of the general provisions.	Yes	
§ 63.1(b)(1)	Initial applicability determination.	Yes	Subpart WWWW of Part 63 clarifies the applicability in§§ 63.5780 and 63.5785.
§ 63.1(b)(2)	Reserved	No	
§ 63.1(b)(3)	Record of the applicability determination.	Yes	
§ 63.1(c)(1)	Applicability of this part after a relevant standard has been set under this part.	Yes	Subpart WWWW of Part 63 clarifies the applicability of each paragraph of subpart A to sources subject to subpart WWWW of Part 63.
§ 63.1(c)(2)	Title V operating permit requirement.	Yes	All major affected sources are required to obtain a title V operating permit. Area sources are not subject to subpart WWWW of Part 63.
§ 63.1(c)(3) and (4)	Reserved	No	
§ 63.1(c)(5)	Notification requirements for an area source that increases HAP emissions to major source levels.	Yes	
§ 63.1(d)	Reserved	No	
§ 63.1(e)	Applicability of permit program before a relevant standard has been set under this part.	Yes	
§ 63.2	Definitions	Yes	Subpart WWWW of Part 63 defines terms in § 63.5935. When overlap between subparts A and WWWW of Part 63 occurs, you must comply with the subpart WWWW of Part 63 definitions, which take precedence over the subpart A definitions.
§ 63.3	Units and abbreviations	Yes	Other units and abbreviations used in subpart WWWW of Part 63 are defined in subpart WWWW of Part 63.
§ 63.4	Prohibited activities and circumvention.	Yes	§ 63.4(a)(3) through (5) is reserved and does not apply.

The general provisions reference . . .	That addresses . . .	And applies to subpart WWWW of part 63 . . .	Subject to the following additional information . . .
§ 63.5(a)(1) and (2).....	Applicability of construction and reconstruction.	Yes.....	Existing facilities do not become reconstructed under subpart WWWW of Part 63.
§ 63.5(b)(1).....	Relevant standards for new sources upon construction.	Yes.....	Existing facilities do not become reconstructed under subpart WWWW of Part 63.
§ 63.5(b)(2).....	Reserved.....	No.....	
§ 63.5(b)(3).....	New construction/ reconstruction.	Yes.....	Existing facilities do not become reconstructed under subpart WWWW of Part 63.
§ 63.5(b)(4).....	Construction/ reconstruction notification.	Yes.....	Existing facilities do not become reconstructed under subpart WWWW of Part 63.
§ 63.5(b)(5).....	Reserved.....	No.....	
§ 63.5(b)(6).....	Equipment addition or process change.	Yes.....	Existing facilities do not become reconstructed under subpart WWWW of Part 63.
§ 63.5(c).....	Reserved.....	No.....	
§ 63.5(d)(1).....	General application for approval of construction or reconstruction.	Yes.....	Existing facilities do not become reconstructed under subpart WWWW of Part 63.
§ 63.5(d)(2).....	Application for approval of construction.	Yes.....	
§ 63.5(d)(3).....	Application for approval of reconstruction.	No.....	
§ 63.5(d)(4).....	Additional information.	Yes.....	
§ 63.5(e)(1) through (5).....	Approval of construction or reconstruction.	Yes.....	
§ 63.5(f)(1) and (2).....	Approval of construction or reconstruction based on prior State preconstruction review.	Yes.....	
§ 63.6(a)(1).....	Applicability of compliance with standards and maintenance requirements.	Yes.....	
§ 63.6(a)(2).....	Applicability of area sources that increase HAP emissions to become major sources.	Yes.....	
§ 63.6(b)(1) through (5).....	Compliance dates for new and reconstructed sources.	Yes.....	Subpart WWWW of Part 63 clarifies compliance dates in § 63.5800.
§ 63.6(b)(6).....	Reserved.....	No.....	
§ 63.6(b)(7).....	Compliance dates for new operations or equipment that cause an area source to become a major source.	Yes.....	New operations at an existing facility are not subject to new source standards.
§ 63.6(c)(1) and (2).....	Compliance dates for existing sources.	Yes.....	Subpart WWWW of Part 63 clarifies compliance dates in § 63.5800.
§ 63.6(c)(3) and (4).....	Reserved.....	No.....	
§ 63.6(c)(5).....	Compliance dates for existing area sources that become major.	Yes.....	Subpart WWWW of Part 63 clarifies compliance dates in § 63.5800.
§ 63.6(d).....	Reserved.....	No.....	
§ 63.6(e)(1) and (2).....	Operation & maintenance requirements.	Yes.....	
§ 63.6(e)(3).....	Startup, shutdown, and malfunction plan and recordkeeping.	Yes.....	Subpart WWWW of Part 63 requires a startup, shutdown, and malfunction plan only for sources using add-on controls.

The general provisions reference . . .	That addresses . . .	And applies to subpart WWWW of part 63 . . .	Subject to the following additional information . . .
§ 63.6(f)(1)	Compliance except during periods of startup, shutdown, and malfunction.	No	Subpart WWWW of Part 63 requires compliance during periods of startup, shutdown, and malfunction, except startup, shutdown, and malfunctions for sources using add-on controls.
§ 63.6(f)(2) and (3)	Methods for determining compliance.	Yes	
§ 63.6(g)(1) through (3)	Alternative standard...	Yes	
§ 63.6(h)	Opacity and visible emission Standards.	No	Subpart WWWW of Part 63 does not contain opacity or visible emission standards.
§ 63.6(i)(1) through (14)	Compliance extensions..	Yes	
§ 63.6(i)(15)	Reserved	No	
§ 63.6(i)(16)	Compliance extensions..	Yes	
§ 63.6(j)	Presidential compliance exemption.	Yes	
§ 63.7(a)(1)	Applicability of performance testing requirements.	Yes	
§ 63.7(a)(2)	Performance test dates.	No	Subpart WWWW of Part 63 initial compliance requirements are in § 63.5840.
§ 63.7(a)(3)	CAA Section 114 authority.	Yes	
§ 63.7(b)(1)	Notification of performance test.	Yes	
§ 63.7(b)(2)	Notification rescheduled performance test.	Yes	
§ 63.7(c)	Quality assurance program, including test plan.	Yes	Except that the test plan must be submitted with the notification of the performance test.
§ 63.7(d)	Performance testing facilities.	Yes	
§ 63.7(e)	Conditions for conducting performance tests.	Yes	Performance test requirements are contained in § 63.5850. Additional requirements for conducting performance tests for continuous lamination/casting are included in § 63.5870.
§ 63.7(f)	Use of alternative test method.	Yes	
§ 63.7(g)	Performance test data analysis, recordkeeping, and reporting.	Yes	
§ 63.7(h)	Waiver of performance tests.	Yes	
§ 63.8(a)(1) and (2)	Applicability of monitoring requirements.	Yes	
§ 63.8(a)(3)	Reserved	No	
§ 63.8(a)(4)	Monitoring requirements when using flares.	Yes	
§ 63.8(b)(1)	Conduct of monitoring exceptions.	Yes	
§ 63.8(b)(2) and (3)	Multiple effluents and multiple monitoring systems.	Yes	
§ 63.8(c)(1)	Compliance with CMS operation and maintenance requirements.	Yes	This section applies if you elect to use a CMS to demonstrate continuous compliance with an emission limit.
§ 63.8(c)(2) and (3)	Monitoring system installation.	Yes	This section applies if you elect to use a CMS to demonstrate continuous compliance with an emission limit.
§ 63.8(c)(4)	CMS requirements	Yes	This section applies if you elect to use a CMS to demonstrate continuous compliance with an emission limit.

The general provisions reference . . .	That addresses . . .	And applies to subpart WWWW of part 63 . . .	Subject to the following additional information . . .
§ 63.8(c)(5)	Continuous Opacity Monitoring System (COMS) minimum procedures.	No	Subpart WWWW of Part 63 does not contain opacity standards.
§ 63.8(c)(6) through (8)	CMS calibration and periods CMS is out of control.	Yes	This section applies if you elect to use a CMS to demonstrate continuous compliance with an emission limit.
§ 63.8(d)	CMS quality control program, including test plan and all previous versions.	Yes	This section applies if you elect to use a CMS to demonstrate continuous compliance with an emission limit.
§ 63.8(e)(1)	Performance evaluation of CMS.	Yes	This section applies if you elect to use a CMS to demonstrate continuous compliance with an emission limit.
§ 63.8(e)(2)	Notification of performance evaluation.	Yes	This section applies if you elect to use a CMS to demonstrate continuous compliance with an emission limit.
§ 63.8(e)(3) and (4)	CMS requirements/ alternatives.	Yes	This section applies if you elect to use a CMS to demonstrate continuous compliance with an emission limit.
§ 63.8(e)(5)(i)	Reporting performance evaluation results.	Yes	This section applies if you elect to use a CMS to demonstrate continuous compliance with an emission limit.
§ 63.8(e)(5)(ii)	Results of COMS performance evaluation.	No	Subpart WWWW of Part 63 does not contain opacity standards.
§ 63.8(f)(1) through (3)	Use of an alternative monitoring method.	Yes	
§ 63.8(f)(4)	Request to use an alternative monitoring method.	Yes	
§ 63.8(f)(5)	Approval of request to use an alternative monitoring method.	Yes	
§ 63.8(f)(6)	Request for alternative to relative accuracy test and associated records.	Yes	This section applies if you elect to use a CMS to demonstrate continuous compliance with an emission limit.
§ 63.8(g)(1) through (5)	Data reduction	Yes	
§ 63.9(a)(1) through (4)	Notification requirements and general information.	Yes	
§ 63.9(b)(1)	Initial notification applicability.	Yes	
§ 63.9(b)(2)	Notification for affected source with initial startup before effective date of standard.	Yes	
§ 63.9(b)(3)	Reserved	No	
§ 63.9(b)(4)(i)	Notification for a new or reconstructed major affected source with initial startup after effective date for which an application for approval of construction or reconstruction is required.	Yes	
§ 63.9(b)(4)(ii) through (iv)	Reserved	No	

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

The general provisions reference . . .	That addresses . . .	And applies to subpart WWWW of part 63 . . .	Subject to the following additional information . . .
§ 63.10(c)(1)	CMS records	Yes	This section applies if you elect to use a CMS to demonstrate continuous compliance with an emission limit.
§ 63.10(c)(2) through (4)	Reserved	No	
§ 63.10(c)(5) through (8)	CMS records	Yes	This section applies if you elect to use a CMS to demonstrate continuous compliance with an emission limit.
§ 63.10(c)(9)	Reserved	No	
§ 63.10(c)(10) through (15)	CMS records	Yes	This section applies if you elect to use a CMS to demonstrate continuous compliance with an emission limit.
§ 63.10(d)(1)	General reporting requirements.	Yes	
§ 63.10(d)(2)	Report of performance test results.	Yes	
§ 63.10(d)(3)	Reporting results of opacity or visible emission observations.	No	Subpart WWWW of Part 63 does not contain opacity or visible emission standards.
§ 63.10(d)(4)	Progress reports as part of extension of compliance.	Yes	
§ 63.10(d)(5)	Startup, shutdown, and malfunction reports.	Yes	Only applies if you use an add-on control device.
§ 63.10(e)(1) through (3)	Additional reporting requirements for CMS.	Yes	This section applies if you have an add-on control device and elect to use a CEM to demonstrate continuous compliance with an emission limit.
§ 63.10(e)(4)	Reporting COMS data	No	Subpart WWWW of Part 63 does not contain opacity standards.
§ 63.10(f)	Waiver for recordkeeping or reporting.	Yes	
§ 63.11	Control device requirements.	Yes	Only applies if you elect to use a flare as a control device.
§ 63.12	State authority and delegations.	Yes	
§ 63.13	Addresses of State air pollution control agencies and EPA Regional Offices.	Yes	
§ 63.14	Incorporations by reference.	Yes	
§ 63.15	Availability of information and confidentiality.	Yes	

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY

PART 70 OPERATING PERMIT CERTIFICATION

Source Name: Meridian Automotive Systems
Source Address: 13811 Roth Road, Grabill, Indiana 46741
Mailing Address: 13811 Roth Road, Grabill, Indiana 46741
Part 70 Permit No.: T 003-23272-00059

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:

☐ Annual Compliance Certification Letter

☐ Test Result (specify) _____

☐ Report (specify) _____

☐ Notification (specify) _____

☐ Affidavit (specify) _____

☐ 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:
Phone:
Date:

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY

COMPLIANCE and ENFORCEMENT BRANCH
100 North Senate Avenue
MC61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
Phone: 317-233-0178
Fax: 317-233-6865

PART 70 OPERATING PERMIT
EMERGENCY OCCURRENCE REPORT

Source Name: Meridian Automotive Systems
Source Address: 13811 Roth Road, Grabill, Indiana 46741
Mailing Address: 13811 Roth Road, Grabill, Indiana 46741
Part 70 Permit No.: T 003-23272-00059

This form consists of 2 pages **Page 1 of 2**

☐ This is an emergency as defined in 326 IAC 2-7-1(12)
- X The Permittee must notify the Office of Air Quality (OAQ), within four (**4**) business hours (1-800-451-6027 or 317-233-0178, ask for Compliance Section); and
- X The Permittee must submit notice in writing or by facsimile within two (**2**) working days (Facsimile Number: 317-233-6865), and follow the other requirements of 326 IAC 2-7-16.

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:
Describe the cause of the Emergency:

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

Page 2 of 2

Date/Time Emergency started:
Date/Time Emergency was corrected:
Was the facility being properly operated at the time of the emergency? 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:
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: _____

A certification is not required for this report.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE and ENFORCEMENT BRANCH

Part 70 Quarterly Report

Source Name: Meridian Automotive Systems
Source Address: 13811 Roth Road, Grabill, Indiana 46741
Mailing Address: 13811 Roth Road, Grabill, Indiana 46741
Part 70 Permit No.: T 003-23272-00059
Facilities: three (3) SMC manufacturing lines (Machine 1, Machine 2 and Machine 3)
Parameter: Total VOC emissions
Limit: Less than a total of 246.1 tons per twelve (12) consecutive month period with compliance determined at the end of each month. Compliance shall be shown using the following equation:

$$E = (V_{SMC} \times 0.0059) + (P_{SMC} \times 0.0001254)$$

Where:
E = Total VOC emissions (tons)
V_{SMC} = Total VOC input to the three (3) SMC Machines (tons)
P_{SMC} = Total SMC produced at the three (3) SMC Machines (tons)

YEAR:_____

Month	VOC emissions (tons)			VOC emissions (tons)			VOC emissions (tons)		
	This Month			Previous 11 Months			12 Month Total		
	V_{SMC}	P_{SMC}	E	V_{SMC}	P_{SMC}	E	V_{SMC}	P_{SMC}	E

☐ No deviation occurred in this month.

☐ Deviation/s occurred in this month.
Deviation has been reported on: _____

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

Attach a signed certification to complete this report.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE and ENFORCEMENT BRANCH

PART 70 OPERATING PERMIT
QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT

Source Name: Meridian Automotive Systems
Source Address: 13811 Roth Road, Grabill, Indiana 46741
Mailing Address: 13811 Roth Road, Grabill, Indiana 46741
Part 70 Permit No.: T 003-23272-00059

Months: _____ **to** _____ **Year:** _____

This report shall be submitted quarterly based on a calendar year. Any deviation from the requirements, the date(s) of each deviation, the probable cause of the deviation, and the response steps taken must be reported. A deviation required to be reported pursuant to an applicable requirement that exists independent of the permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report. Additional pages may be attached if necessary. If no deviations occurred, please specify in the box marked "No deviations occurred this reporting period".

☐ NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.

☐ THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD

Permit Requirement (specify permit condition #)	
Date of Deviation:	**Duration of Deviation:**
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

Permit Requirement (specify permit condition #)	
Date of Deviation:	**Duration of Deviation:**
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

Permit Requirement (specify permit condition #)	
Date of Deviation:	**Duration of Deviation:**
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	
Permit Requirement (specify permit condition #)	
Date of Deviation:	**Duration of Deviation:**
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	
Permit Requirement (specify permit condition #)	
Date of Deviation:	**Duration of Deviation:**
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

Form Completed By: _____

Title/Position: _____

Date: _____

Phone: _____

Attach a signed certification to complete this report.

Indiana Department of Environmental Management
Office of Air Quality

Technical Support Document (TSD) for a Part 70 Administrative Amendment

Source Description and Location

Source Name:	Meridian Automotive Systems
Source Location:	13811 Roth Road, Grabill, IN 46741
County:	Allen
SIC Code:	3089
NAICSS Code:	326199
Operation Permit No.:	T 003-23272-00059
Operation Permit Issuance Date:	November 20, 2007
Administrative Amendment No.:	003-28232-00059
Permit Reviewer:	Jenny Acker

Existing Approvals

The source was issued Part 70 Operating Permit No. 003-23272-00059 on November 20, 2007. The source has since received the following approvals:

(a) Minor Source Modification No 003-25408-00059, issued on December 12, 2007
(b) Minor Permit Modification No 003-25502-00059, issued on February 11, 2008

County Attainment Status

The source is located in Allen County.

Pollutant	Designation
SO_2	Better than national standards.
CO	Unclassifiable or attainment effective November 15, 1990.
O_3	Attainment effective February 12, 2007, for the Fort Wayne area, including Allen County, for the 8-hour ozone standard.1
PM_{10}	Unclassifiable effective November 15, 1990.
NO_2	Cannot be classified or better than national standards.
Pb	Not designated.
1Unclassifiable or attainment effective October 18, 2000, for the 1-hour ozone standard which was revoked effective June 15, 2005.	

(a) Ozone Standards

(1) On October 25, 2006, the Indiana Air Pollution Control Board finalized a rule revision to 326 IAC 1-4-1 revoking the one-hour ozone standard in Indiana.

(2) On September 6, 2007, the Indiana Air Pollution Control Board finalized a temporary emergency rule to re-designate Allen, Clark, Elkhart, Floyd, LaPorte, and St. Joseph counties as attainment for the 8-hour ozone standard.

(3) On November 9, 2007, the Indiana Air Pollution Control Board finalized a temporary emergency rule to re-designate Boone, Hamilton, Hancock, Hendricks, Johnson, Madison, Marion, Morgan, and Shelby counties as attainment for the 8-hour ozone standard.

(4) Volatile organic compounds (VOC) and Nitrogen Oxides (NOx) are regulated under the Clean Air Act (CAA) for the purposes of attaining and maintaining the National Ambient Air Quality Standards (NAAQS) for ozone. Therefore, VOC and NOx emissions are considered when evaluating the rule applicability relating to ozone. Allen County has been designated as attainment or unclassifiable for ozone. Therefore, VOC and NOx emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

(b) PM2.5
Allen County has been classified as attainment for $PM_{2.5}$. On May 8, 2008 U.S. EPA promulgated the requirements for Prevention of Significant Deterioration (PSD) for $PM_{2.5}$ emissions, and the effective date of these rules was July 15, 2008. Indiana has three years from the publication of these rules to revise its PSD rules, 326 IAC 2-2, to include those requirements. The May 8, 2008 rule revisions require IDEM to regulate PM_{10} emissions as a surrogate for $PM_{2.5}$ emissions until 326 IAC 2-2 is revised.

(c) Other Criteria Pollutants
Allen County has been classified as attainment or unclassifiable in Indiana for SO_2, CO, PM_{10}, NO_x, and Pb. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

(d) Fugitive Emissions
Since this type of operation is not one of the twenty-eight (28) listed source categories under 326 IAC 2-2 or 326 IAC 2-3, fugitive emissions are not counted toward the determination of PSD and Emission Offset applicability.

Source Status

The table below summarizes the potential to emit of the entire source, prior to the proposed modification, after consideration of all enforceable limits established in the effective permits:

Pollutant	**Emissions** (ton/yr)
PM	< 250
PM_{10}	< 250
$PM_{2.5}$	< 250
SO_2	< 250
VOC	< 250
CO	< 250
NO_X	< 250

(a) This existing source is not a major stationary source, under PSD (326 IAC 2-2), because no regulated pollutant is emitted at a rate of 250 tons per year or more, and it is not one of the twenty-eight (28) listed source categories, as specified in 326 IAC 2-2-1(gg)(1).

(b) These emissions are based upon the Technical Support Document (TSD) to Part 70 Operating Permit No. 003-23272-00059.

The table below summarizes the potential to emit HAPs for the entire source, prior to the proposed modification, after consideration of all enforceable limits established in the effective permits:

HAPs	**Potential To Emit** (ton/yr)
Single HAP	> 10
Total HAPs	> 25

This existing source is a major source of HAPs, as defined in 40 CFR 63.2, because HAP emissions are greater than ten (10) tons per year for a single HAP and greater than twenty-five (25) tons per year for a combination of HAPs. Therefore, this source is a major source under Section 112 of the Clean Air Act (CAA).

Actual Emissions

The following table shows the actual emissions from the source. This information reflects the 2006 OAQ emission data.

Pollutant	**Actual Emissions** (ton/yr)
PM	0.41
PM_{10}	0.58
SO_2	0.03
VOC	89.38
CO	4.54
NO_X	5.40
HAP (Styrene)	47.85

Description of Proposed Modification

The Office of Air Quality (OAQ) has reviewed an administrative amendment application, submitted by Meridian Automotive Systems (Meridian) on July 17, 2009, relating to the permanent shutdown of numerous emissions units and associated control devices. Specially, upon issuance of this Administrative Amendment, Meridian will consist solely of the three (3) SMC manufacturing lines, identified as Machine 1, Machine 2, and Machine 3. Since the three (3) SMC manufacturing lines are physically located in building located at 13811 Roth Road, Grabill, Indiana 46741, the source address and mailing address will be updated.

Enforcement Issues

There are no pending enforcement actions related to this modification.

Proposed Changes

The changes listed below have been made to Part 70 Operating Permit No. 003-23272-00059. Deleted language appears as ~~strikethroughs~~ and new language appears in **bold**:

Modification No. 1:

Several of IDEM's Branches and sections have been renamed. Therefore, IDEM has updated the addresses listed in the permit. References to Permit Administration and Development Section and the Permits Branch have been changed to Permit Administration and Support Section. References to Asbestos Section, Compliance Data Section, Air Compliance Section, and Compliance Branch have been changed to Compliance and Enforcement Branch.

Modification No. 2:

IDEM, OAQ is revising Section B - Emergency Provisions to allow the Permittee to reference a previously reported emergency under paragraph (b)(5) in the Quarterly Deviation and Compliance Monitoring Report. Condition B.11 has been revised as follows:

B.11 Emergency Provisions [326 IAC 2-7-16]

* * *

(h) The Permittee shall include all emergencies in the Quarterly Deviation and Compliance Monitoring Report. **Any emergencies that have been previously reported pursuant to paragraph (b)(5) of this condition and certified by an "authorized individual" need only referenced by the date of the original report.**

Modification No. 3:

IDEM has decided to reference 326 IAC 2 in Section B - Source Modification Requirements, rather than specific construction rule. Condition B.21 has been revised as follows:

B.21 Source Modification Requirement [326 IAC 2-7-10.5] ~~[326 IAC 2-2-2] [326 IAC 2-3-2]~~

(a) A modification, construction, or reconstruction is governed by the requirements of 326 IAC 2 ~~and 326 IAC 2-7-10.5~~.

~~(b) Any modification at an existing major source is governed by the requirements of 326 IAC 2-2-2 and/or 326 IAC 2-3-2.~~

Modification No. 4:

Throughout the permit the Source Address and Mailing Address have been changed as follows:

~~14123~~ **13811** Roth Road, Grabill, Indiana 46741

Modification No. 5:

Descriptions of the permanently shutdown emissions units and associated control devices, emission limitations and standards, compliance determination requirements, compliance monitoring requirements, and recordkeeping and reporting requirements have been deleted from Part 70 Operating Permit T 003-23272-00059. Sections D.1, D.3, and E.1 have been deleted in entirety. Sections A.2, A.3, D.1 (formerly D.2), E.1 (formerly E.2), and Part 70 Quarterly Reporting Forms have been modified as follows:

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:

~~Boilers~~

~~(a) One (1) boiler, identified as BLR-A, firing natural gas as primary fuel and diesel fuel as backup, installed in 2000, exhausted through Stack M, rated at 16.7 million British thermal units per hour.~~

~~(b) One (1) boiler, identified as BLR-B, installed in 1974, firing natural gas as primary fuel and diesel fuel as backup, rated at 8.4 million British thermal units per hour.~~

~~Painting Operations~~

~~(c) One (1) spray booth, identified as SB-A, equipped with HVLP spray applicators or with equivalent or better spray applicators and dry filters for overspray control, installed in September 1993 and modified in May 2003, exhausted through Stack G, capacity: 13.9~~

~~gallons of paint per hour. Under 40 CFR 63, Subpart PPPP, this is considered an existing affected coating operation.~~

~~(d) One (1) spray booth, identified as SB-B, equipped with air atomization spray guns and dry filters for overspray control, installed in June 1973, exhausted through Stacks I, J, and K, capacity: 10 gallons of paint per hour. Under 40 CFR 63, Subpart PPPP, this is considered an existing affected coating operation.~~

~~(e) One (1) spray booth, identified as SB-C24, equipped with electrostatic spray guns and dry filters for overspray control, installed in 1982, exhausted through Stacks D and E, capacity: 3 gallons of paint per hour. Under 40 CFR 63, Subpart PPPP, this is considered an existing affected coating operation.~~

~~(f) One (1) spray booth, identified as SB-C32, equipped with electrostatic spray guns and dry filters for overspray control, installed in 1982, exhausted through Stacks B and C, capacity: 4 gallons of paint per hour. Under 40 CFR 63, Subpart PPPP, this is considered an existing affected coating operation.~~

~~(g) One (1) touch-up spray booth, identified as TU-ROOF, approved for construction in 2007, with a maximum capacity of 4 plastic parts per hour, equipped with one (1) manual High Volume Low Pressure (HVLP) spray system, with a dry filter to control particulate overspray emissions.~~

~~This booth will be used to coat parts where the existing in-mold automatic coating operation may have missed or failed to coat properly.~~

Compounding and Reinforced Molding Operations

~~(h)~~Two (2) SMC manufacturing lines, identified as Machine 1 and Machine 2, reconstructed and relocated in 2003, with a capacity of 12,000 pounds of SMC per hour, each, and one (1) SMC manufacturing line, identified as Machine 3, installed in 2004, with a capacity of 2,670 pounds of SMC per hour, consisting of the following. Under 40 CFR 63 (NESHAP), Subpart WWWW, this is considered a sheet molding compound (SMC) manufacturing operation:

~~(1)~~**(a)** eighteen (18) resin storage tanks, with storage capacities between 2,000 and 6,300 gallons, each,

~~(2)~~**(b)** one (1) small add material handling area,

~~(3)~~**(c)** one (1) SMC mix room, consisting of four (4) mixing tanks, seven (7) holding tanks, and six (6) dynamic mixers,

~~(4)~~**(d)** three (3) SMC manufacturing operations,

~~(5)~~**(e)** one (1) SMC maturation area,

~~(6)~~**(f)** two (2) calcium carbonate silos, storing 270,000 pounds, and

~~(7)~~**(g)** one (1) dust collection system, exhausted through Stack SV-01.

~~(i) Nineteen (19) injection or compression molding SMC presses. Under 40 CFR 63 (NESHAP), Subpart WWWW, each of the presses is considered a sheet molding compound (SMC) closed molding operation:~~

~~(1) One (1) Eric 400 ton reinforced plastic molding press, identified as PR-0419, installed in 1969 and rebuilt in 1986, capacity: 219 pounds of fiberglass reinforced plastic parts per hour.~~

~~(2) One (1) Erie 400 ton reinforced plastic molding press, identified as PR-0420, installed in 1969 and rebuilt in 1986, capacity: 219 pounds of fiberglass reinforced plastic parts per hour.~~

~~(3) One (1) Erie 600 ton reinforced plastic molding press, identified as PR-0618, installed in 1968 and rebuilt in 1986, capacity: 219 pounds of fiberglass reinforced plastic parts per hour.~~

~~(4) One (1) W-W-M 1200 ton vacuum assisted reinforced plastic molding press, identified as PRV-1222, installed in 1973, capacity: 338 pounds of fiberglass reinforced plastic parts per hour.~~

~~(5) One (1) W-W-M 1200 ton vacuum assisted reinforced plastic molding press, identified as PRV-1223, installed in 1973, capacity: 338 pounds of fiberglass reinforced plastic parts per hour.~~

~~(6) One (1) W-W-M 1200 ton reinforced plastic molding press, identified as PRV-1250, installed in 1978 and rebuilt in 1985, capacity: 338 pounds of fiberglass reinforced plastic parts per hour.~~

~~(7) One (1) Erie 1500 ton vacuum assisted reinforced plastic molding press, identified as PRV-1558, installed in 1977, capacity: 263 pounds of fiberglass reinforced plastic parts per hour.~~

~~(8) One (1) W-W-M 2000 ton vacuum assisted reinforced plastic molding press, identified as PRV-2024, installed in 1975, capacity: 263 pounds of fiberglass reinforced plastic parts per hour.~~

~~(9) One (1) W-W-M 2000 ton vacuum assisted reinforced plastic molding press, identified as PRV-2025, installed in 1975, capacity: 263 pounds of fiberglass reinforced plastic parts per hour.~~

~~(10) One (1) W-W-M 2000 ton vacuum assisted reinforced plastic molding press, identified as PRV-2059, installed in 1984, capacity: 263 pounds of fiberglass reinforced plastic parts per hour.~~

~~(11) One (1) 2500 ton reinforced plastic molding press, identified as PR-2566, installed in 2000, capacity: 435 pounds of fiberglass reinforced plastic parts per hour. This press was previously identified as PRV-2572.~~

~~(12) One (1) 2500 ton reinforced plastic molding press, identified as PR-2567, installed in 2000, capacity: 435 pounds of fiberglass reinforced plastic parts per hour. This press was previously identified as PRV-2573.~~

~~(13) One (1) W-W-M 4400 ton vacuum assisted reinforced plastic molding press, identified as PRV-4470, installed in 1995, capacity: 263 pounds of fiberglass reinforced plastic parts per hour.~~

~~(14) One (1) French 600 ton vacuum assisted reinforced plastic molding press, identified as PRV-0648, installed in 1978 and rebuilt in 1990, capacity: 219 pounds of fiberglass reinforced plastic parts per hour.~~

~~(15) One (1) French 800 ton vacuum assisted reinforced plastic molding press, identified as PRV-0849, installed in 1978 and rebuilt in 1990, capacity: 188 pounds of fiberglass reinforced plastic parts per hour.~~

~~(16) One (1) EEMCO 1,000 ton vacuum assisted reinforced plastic molding press, identified as PRV-1026, installed in 1977 and rebuilt in 1990, capacity: 275 pounds of fiberglass reinforced plastic parts per hour.~~

~~(17) One (1) HPM Corporation Injection Molding Press, identified as PR-1571, installed in 1998, capacity: 188 pounds of fiberglass reinforced plastic parts per hour.~~

~~(18) One (1) 2,000-ton HPM Corporation injection molding press, identified as PR-2072, installed in 2004, capacity: 300 pounds of fiberglass reinforced plastic parts per hour.~~

~~(19) One (1) 1,000-ton HPM Corporation injection molding press, identified as PR-1073, installed in 2005, capacity: 200 pounds of fiberglass reinforced plastic parts per hour.~~

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) One (1) hook oven, identified as BO-PH, installed in 1991, exhausted to stack Q, rated at 0.4 million British thermal units per hour, capacity: 10 pounds of waste per hour. [326 IAC 4-2-2]~~

~~(b) The following equipment related to manufacturing activities not resulting in the emission of HAPs: brazing equipment, cutting torches, soldering equipment, welding equipment. [326 IAC 6-3-2]~~

~~(c) 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. [326 IAC 6-3-2]~~

~~(d) Drilling, Trimming, Sanding of Fiberglass Reinforced Plastic Parts. [326 IAC 6-3-2]~~

(a) Natural gas-fired combustion sources with heat input equal to or less than ten million (10,000,000) Btu per hour.

(1) One (1) natural gas-fired boiler, with a maximum heat input capacity of less than 10 MMBtu/hr.

~~SECTION D.2~~**SECTION D.1** FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]: Painting and Molding Operations

~~(c) One (1) spray booth, identified as SB-A, equipped with HVLP spray applicators or with equivalent or better spray applicators and dry filters for overspray control, installed in September 1993 and modified in May 2003, exhausted through Stack G, capacity: 13.9 gallons of paint per hour. Under 40 CFR 63, Subpart PPPP, this is considered an existing affected coating operation.~~

~~(d) One (1) spray booth, identified as SB-B, equipped with air atomization spray guns and dry filters for overspray control, installed in June 1973, exhausted through Stacks I, J, and K, capacity: 10 gallons of paint per hour. Under 40 CFR 63, Subpart PPPP, this is considered an existing affected coating operation.~~

~~(e) One (1) spray booth, identified as SB-C24, equipped with electrostatic spray guns and dry filters for overspray control, installed in 1982, exhausted through Stacks D and E, capacity: 3 gallons of paint per hour. Under 40 CFR 63, Subpart PPPP, this is considered an existing affected coating operation.~~

~~(f) One (1) spray booth, identified as SB-C32, equipped with electrostatic spray guns and dry filters for overspray control, installed in 1982, exhausted through Stacks B and C, capacity: 4 gallons of~~

~~paint per hour. Under 40 CFR 63, Subpart PPPP, this is considered an existing affected coating operation.~~

~~(g) One (1) touch-up spray booth, identified as TU-ROOF, approved for construction in 2007, with a maximum capacity of 4 plastic parts per hour, equipped with one (1) manual High Volume Low Pressure (HVLP) spray system, with a dry filter to control particulate overspray emissions.~~

~~This booth will be used to coat parts where the existing in-mold automatic coating operation may have missed or failed to coat properly.~~

~~(h)~~Two (2) SMC manufacturing lines, identified as Machine 1 and Machine 2, reconstructed and relocated in 2003, with a capacity of 12,000 pounds of SMC per hour, each, and one (1) SMC manufacturing line, identified as Machine 3, installed in 2004, with a capacity of 2,670 pounds of SMC per hour, consisting of the following. Under 40 CFR 63 (NESHAP), Subpart WWWW, this is considered a sheet molding compound (SMC) manufacturing operation:

~~(1)~~**(a)** eighteen (18) resin storage tanks, with storage capacities between 2,000 and 6,300 gallons, each,

~~(2)~~**(b)** one (1) small add material handling area,

~~(3)~~**(c)** one (1) SMC mix room, consisting of four (4) mixing tanks, seven (7) holding tanks, and six (6) dynamic mixers,

~~(4)~~**(d)** three (3) SMC manufacturing operations,

~~(5)~~**(e)** one (1) SMC maturation area,

~~(6)~~**(f)** two (2) calcium carbonate silos, storing 270,000 pounds, and

~~(7)~~**(g)** one (1) dust collection system, exhausted through Stack SV-01.

~~(i) Nineteen (19) injection or compression molding SMC presses. Under 40 CFR 63 (NESHAP), Subpart WWWW, each of the presses is considered a sheet molding compound (SMC) closed molding operation:~~

~~(1) One (1) Erie 400 ton reinforced plastic molding press, identified as PR-0419, installed in 1969 and rebuilt in 1986, capacity: 219 pounds of fiberglass reinforced plastic parts per hour.~~

~~(2) One (1) Erie 400 ton reinforced plastic molding press, identified as PR-0420, installed in 1969 and rebuilt in 1986, capacity: 219 pounds of fiberglass reinforced plastic parts per hour.~~

~~(3) One (1) Erie 600 ton reinforced plastic molding press, identified as PR-0618, installed in 1968 and rebuilt in 1986, capacity: 219 pounds of fiberglass reinforced plastic parts per hour.~~

~~(4) One (1) W-W-M 1200 ton vacuum assisted reinforced plastic molding press, identified as PRV-1222, installed in 1973, capacity: 338 pounds of fiberglass reinforced plastic parts per hour.~~

~~(5) One (1) W-W-M 1200 ton vacuum assisted reinforced plastic molding press, identified as PRV-1223, installed in 1973, capacity: 338 pounds of fiberglass reinforced plastic parts per hour.~~

~~(6) One (1) W-W-M 1200 ton reinforced plastic molding press, identified as PRV-1250, installed in 1978 and rebuilt in 1985, capacity: 338 pounds of fiberglass reinforced plastic parts per hour.~~

~~(7) One (1) Erie 1500 ton vacuum assisted reinforced plastic molding press, identified as PRV-1558, installed in 1977, capacity: 263 pounds of fiberglass reinforced plastic parts per hour.~~

~~(8) One (1) W-W-M 2000 ton vacuum assisted reinforced plastic molding press, identified as PRV-2024, installed in 1975, capacity: 263 pounds of fiberglass reinforced plastic parts per hour.~~

~~(9) One (1) W-W-M 2000 ton vacuum assisted reinforced plastic molding press, identified as PRV-2025, installed in 1975, capacity: 263 pounds of fiberglass reinforced plastic parts per hour.~~

~~(10) One (1) W-W-M 2000 ton vacuum assisted reinforced plastic molding press, identified as PRV-2059, installed in 1984, capacity: 263 pounds of fiberglass reinforced plastic parts per hour.~~

~~(11) One (1) 2500 ton reinforced plastic molding press, identified as PR-2566, installed in 2000, capacity: 435 pounds of fiberglass reinforced plastic parts per hour. This press was previously identified as PRV-2572.~~

~~(12) One (1) 2500 ton reinforced plastic molding press, identified as PR-2567, installed in 2000, capacity: 435 pounds of fiberglass reinforced plastic parts per hour. This press was previously identified as PRV-2573.~~

~~(13) One (1) W-W-M 4400 ton vacuum assisted reinforced plastic molding press, identified as PRV-4470, installed in 1995, capacity: 263 pounds of fiberglass reinforced plastic parts per hour.~~

~~(14) One (1) French 600 ton vacuum assisted reinforced plastic molding press, identified as PRV-0648, installed in 1978 and rebuilt in 1990, capacity: 219 pounds of fiberglass reinforced plastic parts per hour.~~

~~(15) One (1) French 800 ton vacuum assisted reinforced plastic molding press, identified as PRV-0849, installed in 1978 and rebuilt in 1990, capacity: 188 pounds of fiberglass reinforced plastic parts per hour.~~

~~(16) One (1) EEMCO 1,000 ton vacuum assisted reinforced plastic molding press, identified as PRV-1026, installed in 1977 and rebuilt in 1990, capacity: 275 pounds of fiberglass reinforced plastic parts per hour.~~

~~(17) One (1) HPM Corporation Injection Molding Press, identified as PR-1571, installed in 1998, capacity: 188 pounds of fiberglass reinforced plastic parts per hour.~~

~~(18) One (1) 2,000-ton HPM Corporation injection molding press, identified as PR-2072, installed in 2004, capacity: 300 pounds of fiberglass reinforced plastic parts per hour.~~

~~(19) One (1) 1,000-ton HPM Corporation injection molding press, identified as PR-1073, installed in 2005, capacity: 200 pounds of fiberglass reinforced plastic parts per hour.~~

(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.2.1~~**D.1.1** PSD Minor Limit [326 IAC 2-2]

(a) In order to render requirements of 326 IAC 2-2 not applicable, the total VOC emissions from the ~~four (4) spray booths (SB-A, SB-B, SB-C24 and SB-C32), one (1) touch-up spray booth (TU-ROOF), the~~ three (3) SMC manufacturing lines (Machine 1, Machine 2 and Machine 3) ~~and the nineteen (19) SMC presses (PR-0419, PR-0420, PR-0618, PRV-1222, PRV-1223, PRV-1250, PRV-1558, PRV-2024, PRV-2025, PRV-2059, PR-2566, PR-2567, PRV-4470, PRV-0648, PRV-0849, PRV-1026, PR-1571, PR-2072 and PR-1073)~~, shall be limited to less than a total of 246.1 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

(b) The VOC emissions from the SMC machines at the three (3) SMC manufacturing lines shall not exceed 0.0059 pounds of VOC emitted per pound of VOC input.

(c) The VOC emissions from Resin Storage associated with the three (3) SMC manufacturing lines shall not exceed 0.059 pounds of VOC emitted per ton of SMC produced.

The VOC emissions from the Mixing Station associated with the three (3) SMC manufacturing lines shall not exceed 0.19 pounds of VOC emitted per ton of SMC produced.

The VOC emissions from SMC Holding Area associated with the three (3) SMC manufacturing lines shall not exceed 0.0018 pounds of VOC emitted per ton of SMC produced.

~~(d) The VOC emissions from nineteen (19) SMC presses shall not exceed 0.03 pounds of VOC emitted per pound of VOC contained in the SMC.~~

~~(e) The PM and PM_{10} emissions from SB-A shall be limited to less than 9.87 pounds per hour.~~

~~(f) The PM and PM_{10} emissions from SB-B shall be limited to less than 21.33 pounds per hour.~~

~~(g) The PM and PM_{10} emissions from SB-C24 shall be limited to less than 2.16 pounds per hour.~~

~~(h) The PM and PM_{10} emissions from SB-C32 shall be limited to less than 2.88 pounds per hour.~~

~~(i)~~**(d)** The PM and PM_{10} emissions from Machine 1 shall be limited to less than 8.84 pounds per hour.

~~(j)~~**(e)** The PM and PM_{10} emissions from Machine 2 shall be limited to less than 8.84 pounds per hour.

~~(k)~~**(f)** The PM and PM_{10} emissions from Machine 3 shall be limited to less than 1.97 pounds per hour.

Compliance with these limits will limit source-wide PM, PM_{10} and VOC emissions to less than two hundred fifty (250) tons per year and shall render the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration) not applicable.

~~D.2.2 Volatile Organic Compounds [326 IAC 8-1-6]~~

~~(a) Pursuant to CP 003-3105-00059, issued on September 7, 1993, and 326 IAC 8-1-6, Best Available Control Technology (BACT) for the one (1) prime spray booth, identified as SB-A, has been determined to be:~~

~~(1) The method of application shall be performed with high-volume low pressure (HVLP) spray applicators;~~

~~(2) The use of lower VOC paints (less than 3.5 lb VOC per gallon of coating excluding water).~~

~~(b) Pursuant to T 003-5942-00059, issued on March 26, 2002 and 326 IAC 8-1-6, Best Available Control Technology (BACT) for the two (2) spray booths, identified as SB-C24 and SB-C32, has been determined to be:~~

~~(1) The VOC input delivered to the applicators including cleanup solvents shall be limited to less than a total of sixty-six (66) tons per twelve (12) consecutive month period;~~

~~(2) The method of application at the spray booths shall be done with electrostatic applicators;~~

~~(3) The use of low (25-40%) and medium (41-50%) solids content coatings, and~~

~~(4) The following management and work practices shall apply:~~

~~(i) Operator training course.~~

~~(ii) Spray gun cleaning.~~

~~(iii) The cleanup solvent containers used to transport solvent from drums to work stations shall be closed containers having soft gasketed closures.~~

~~(iv) The application equipment operators shall be instructed and trained on the methods and practices utilized to minimize spillage on the floor and over application.~~

~~(v) Storage containers used to store VOC and/or HAPs containing materials shall be kept covered when not in use.~~

~~(vi) Cleanup solvents will be reused in the process as much as possible to reduce hazardous waste and the related impact on the environment.~~

~~D.2.3 Particulate [326 IAC 6-3-2(d)]~~

~~Pursuant to 326 IAC 6-3-2(d), particulate from the surface coating processes (SB-A, SB-B, SB-C24 and SB-C32) shall be controlled by a dry particulate filter, and the Permittee shall operate the control device in accordance with manufacturer's specifications.~~

~~D.2.4~~**D.1.2** Particulate [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), the particulate emission rate from the three (3) SMC manufacturing lines (Machine 1, Machine 2 and Machine 3) shall not exceed 23.3 pounds per hour when operating at a total process weight rate of 26,670 pounds per hour.

The pounds per hour limitation was calculated with the following equation:

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

$E = 4.10\ P^{0.67}$ where E = rate of emission in pounds per hour; and
P = process weight rate in tons per hour

~~D.2.5~~**D.1.3** 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 ~~surface coating processes (SB-A, SB-B, SB-C24 and SB-C32) and their control devices, and the~~ three (3) SMC manufacturing lines (Machine 1, Machine 2 and Machine 3) and their control devices.

Compliance Determination Requirements

~~D.2.6~~**D.1.4** VOC Emissions

Compliance with Condition ~~D.2.1~~**D.1.1** shall be demonstrated within thirty (30) days of the end of each month. This shall be based on the total volatile organic compound emitted for the previous month, added to the previous 11 months total VOC emitted so as to arrive at VOC emissions for the most recent twelve (12) consecutive month period. The VOC emissions for a month shall be calculated by using the following equation:

$$E = \cancel{U_{PB} +} (V_{SMC} \times 0.0059) + (P_{SMC} \times 0.0001254) \cancel{+ (U_{SMC} \times 0.03)}$$

Where:

E = Total VOC emissions (tons)

~~U_{PB} = Total VOC input to the spray booths (SB-A, SB-B, SB-C24, SB-C32, TU-ROOF) (tons)~~

V_{SMC} = Total VOC input to the three (3) SMC Machines (tons)

P_{SMC} = Total SMC produced at the three (3) SMC Machines (tons)

~~U_{SMC} = Total VOC input to the nineteen (19) SMC presses (tons)~~

~~D.2.7~~**D.1.5** Volatile Organic Compounds (VOC) [326 IAC 8-1-4] [326 IAC 8-1-2(a)]

Compliance with the VOC content and usage limitations contained in Conditions D.2.1 and D.2.2 shall be determined pursuant to 326 IAC 8-1-4(a)(3) and 326 IAC 8-1-2(a) by preparing or obtaining from the manufacturer the copies of the "as supplied" and "as applied" VOC data sheets. 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.2.8~~**D.1.6** Particulate Control [326 IAC 2-7-6(6)]

(a) In order to comply with Condition ~~D.2.4~~ **D.1.2** the dust collection system for particulate control shall be in operation and control emissions from the three (3) SMC manufacturing lines at all times that any of the three (3) SMC manufacturing lines are in operation.

(b) In the event that dust collector failure is observed in a multi-compartment dust collector, if operations will continue for ten (10) days or more after the failure is observed before the failed units will be repaired or replaced, the Permittee shall promptly notify the IDEM, OAQ of the expected date the failed units will be repaired or replaced. The notification shall also include the status of the applicable compliance monitoring parameters with respect to normal, and the results of any response actions taken up to the time of notification.

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

~~D.2.9 Monitoring [40 CFR 64, Compliance Assurance Monitoring (CAM)]~~

~~(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 (Stacks B, C, D, E, G, I, J and K) while one or more of the booths are in operation. If a condition exists which should result in a response step, the Permittee shall take reasonable response steps in accordance with Section C - Response to Excursions or Exceedances. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances, shall be considered a deviation from this permit.~~

~~(b) Monthly inspections shall be performed of the coating emissions from the stacks and the presence of overspray on the rooftops and the nearby ground. When there is a noticeable change in overspray emissions, or when evidence of overspray emissions is observed, the Permittee shall take reasonable response steps in accordance with Section C - Response to Excursions or Exceedances. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances, shall be considered a deviation from this permit.~~

~~D.2.10~~**D.1.7** Visible Emissions Notations [40 CFR 64, Compliance Assurance Monitoring (CAM)]

(a) Visible emission notations of the three (3) SMC manufacturing lines (Machine 1, Machine 2 and Machine 3) stack exhaust (Stack SV-01) shall be performed once per day during normal daylight operations. A trained employee shall record whether emissions are normal or abnormal.

(b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.

(c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.

(d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.

(e) If abnormal emissions are observed, the Permittee shall take reasonable response steps in accordance with Section C - Response to Excursions or Exceedances. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances shall be considered a deviation from this permit.

~~D.2.11~~**D.1.8** Dust Collector Parametric Monitoring [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)] [40 CFR 64, Compliance Assurance Monitoring (CAM)]

(a) The Permittee shall record the pressure drop across the dust collector used in conjunction with three (3) SMC manufacturing lines (Machine 1, Machine 2 and Machine 3) at least once per day when any of the three (3) SMC manufacturing lines (Machine 1, Machine 2 and Machine 3) are in operation. When for any one reading, the pressure drop across the dust collector is outside the normal range of 1.0 and 4.0 inches of water or a range established during the latest stack test, the Permittee shall take reasonable response steps in accordance with Section C - Response to Excursions or Exceedances. A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances, shall be considered a deviation from this permit.

(b) The instrument used for determining the pressure shall comply with Section C - Instrument Specifications, of this permit, shall be subject to approval by IDEM, OAQ, and shall be calibrated at least once every six (6) months.

~~D.2.12~~**D.1.9** Broken or Failed Dust Collector Detection

(a) For a single compartment dust collector controlling emissions from a process operated continuously, a failed unit and the associated process shall be shut down immediately until the failed unit has been repaired or replaced. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B - Emergency Provisions).

(b) For a single compartment dust collector controlling emissions from a batch process, the feed to the process shall be shut down immediately until the failed unit has been repaired or replaced. The emissions unit shall be shut down no later than the completion of the processing of the material in the line. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B - Emergency Provisions).

Collector failure can be indicated by a significant drop in the dust collector=s pressure reading with abnormal visible emissions, by an opacity violation, or by other means such as gas temperature, flow rate, air infiltration, leaks or dust traces.

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

~~D.2.13~~**D.1.10** Record Keeping Requirements

(a) To document compliance with Condition~~s~~ ~~D.2.1 and D.2.2~~ **D.1.1**, 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.2.1 and D.2.2~~ **D.1.1**. Records necessary to demonstrate compliance shall be available within 30 days of the end of each compliance period.

(1) The VOC content of the SMC, each coating material and solvent used.

(2) The amount of coating material and solvent less water used on monthly basis.

(A) Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used.

(B) Solvent usage records shall differentiate between those added to coatings and those used as cleanup solvents.

(3) The cleanup solvent usage for each month;

(4) The total VOC usage for each month; and

(5) The weight of VOCs emitted for each compliance period.

~~(b) To document compliance with Condition D.2.9, the Permittee shall maintain a log of weekly overspray observations, and the daily and monthly inspections.~~

~~(c)~~**(b)** To document compliance with Condition ~~D.2.10~~**D.1.7**, the Permittee shall maintain a daily record of visible emission notations of the three (3) SMC manufacturing lines (Machine 1, Machine 2 and Machine 3) stack exhaust (Stack SV-01). The Permittee shall include in its daily record when a visible emission notation is not taken and the reason for the lack of visible emission notation (e.g. the process did not operate that day).

~~(d)~~**(c)** To document compliance with Condition ~~D.2.11~~**D.1.8**, the Permittee shall maintain a daily record of the pressure drop across the dust collector controlling the three (3) SMC manufacturing lines (Machine 1, Machine 2 and Machine 3). The Permittee shall include in its daily record when a pressure drop reading is not taken and the reason for the lack of a pressure drop reading (e.g. the process did not operate that day).

~~(e)~~**(d)** All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

~~D.2.14~~**D.1.11** Reporting Requirements

A quarterly summary of the information to document compliance with Condition ~~D.2.1(a) and D.2.2(b)(1)~~ **D.1.1** 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. The report submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

~~SECTION E.2~~ **SECTION E.1** FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]: Reinforced Plastic Composites Production (40 CFR 63 Subpart WWWW)

~~(h)~~Two (2) SMC manufacturing lines, identified as Machine 1 and Machine 2, reconstructed and relocated in 2003, with a capacity of 12,000 pounds of SMC per hour, each, and one (1) SMC manufacturing line, identified as Machine 3, installed in 2004, with a capacity of 2,670 pounds of SMC per hour, consisting of the following. Under 40 CFR 63 (NESHAP), Subpart WWWW, this is considered a sheet molding compound (SMC) manufacturing operation:

~~(1)~~**(a)** eighteen (18) resin storage tanks, with storage capacities between 2,000 and 6,300 gallons, each,

~~(2)~~**(b)** one (1) small add material handling area,

~~(3)~~ **(c)** one (1) SMC mix room, consisting of four (4) mixing tanks, seven (7) holding tanks, and six (6) dynamic mixers,

~~(4)~~ **(d)** three (3) SMC manufacturing operations,

~~(5)~~ **(e)** one (1) SMC maturation area,

~~(6)~~ **(f)** two (2) calcium carbonate silos, storing 270,000 pounds, and

~~(7)~~ **(g)** one (1) dust collection system, exhausted through Stack SV-01.

~~(i) Nineteen (19) injection or compression molding SMC presses. Under 40 CFR 63 (NESHAP), Subpart WWWW, each of the presses is considered a sheet molding compound (SMC) closed molding operation:~~

~~(1) One (1) Erie 400 ton reinforced plastic molding press, identified as PR-0419, installed in 1969 and rebuilt in 1986, capacity: 219 pounds of fiberglass reinforced plastic parts per hour.~~

~~(2) One (1) Erie 400 ton reinforced plastic molding press, identified as PR-0420, installed in 1969 and rebuilt in 1986, capacity: 219 pounds of fiberglass reinforced plastic parts per hour.~~

~~(3) One (1) Erie 600 ton reinforced plastic molding press, identified as PR-0618, installed in 1968 and rebuilt in 1986, capacity: 219 pounds of fiberglass reinforced plastic parts per hour.~~

~~(4) One (1) W-W-M 1200 ton vacuum assisted reinforced plastic molding press, identified as PRV-1222, installed in 1973, capacity: 338 pounds of fiberglass reinforced plastic parts per hour.~~

~~(5) One (1) W-W-M 1200 ton vacuum assisted reinforced plastic molding press, identified as PRV-1223, installed in 1973, capacity: 338 pounds of fiberglass reinforced plastic parts per hour.~~

~~(6) One (1) W-W-M 1200 ton reinforced plastic molding press, identified as PRV-1250, installed in 1978 and rebuilt in 1985, capacity: 338 pounds of fiberglass reinforced plastic parts per hour.~~

~~(7) One (1) Erie 1500 ton vacuum assisted reinforced plastic molding press, identified as PRV-1558, installed in 1977, capacity: 263 pounds of fiberglass reinforced plastic parts per hour.~~

~~(8) One (1) W-W-M 2000 ton vacuum assisted reinforced plastic molding press, identified as PRV-2024, installed in 1975, capacity: 263 pounds of fiberglass reinforced plastic parts per hour.~~

~~Facility Description [326 IAC 2-7-5(15)]: Reinforced Plastic Composites Production (40 CFR 63 Subpart WWWW) (continued)~~

~~(9) One (1) W-W-M 2000 ton vacuum assisted reinforced plastic molding press, identified as PRV-2025, installed in 1975, capacity: 263 pounds of fiberglass reinforced plastic parts per hour.~~

~~(10) One (1) W-W-M 2000 ton vacuum assisted reinforced plastic molding press, identified as PRV-2059, installed in 1984, capacity: 263 pounds of fiberglass reinforced plastic parts per hour.~~

~~(11) One (1) 2500 ton reinforced plastic molding press, identified as PR-2566, installed in 2000, capacity: 435 pounds of fiberglass reinforced plastic parts per hour. This press was previously identified as PRV-2572.~~

~~(12) One (1) 2500 ton reinforced plastic molding press, identified as PR-2567, installed in 2000, capacity: 435 pounds of fiberglass reinforced plastic parts per hour. This press was previously identified as PRV-2573.~~

~~(13) One (1) W-W-M 4400 ton vacuum assisted reinforced plastic molding press, identified as PRV-4470, installed in 1995, capacity: 263 pounds of fiberglass reinforced plastic parts per hour.~~

~~(14) One (1) French 600 ton vacuum assisted reinforced plastic molding press, identified as PRV-0648, installed in 1978 and rebuilt in 1990, capacity: 219 pounds of fiberglass reinforced plastic parts per hour.~~

~~(15) One (1) French 800 ton vacuum assisted reinforced plastic molding press, identified as PRV-0849, installed in 1978 and rebuilt in 1990, capacity: 188 pounds of fiberglass reinforced plastic parts per hour.~~

~~(16) One (1) EEMCO 1,000 ton vacuum assisted reinforced plastic molding press, identified as PRV-1026, installed in 1977 and rebuilt in 1990, capacity: 275 pounds of fiberglass reinforced plastic parts per hour.~~

~~(17) One (1) HPM Corporation Injection Molding Press, identified as PR-1571, installed in 1998, capacity: 188 pounds of fiberglass reinforced plastic parts per hour.~~

~~(18) One (1) 2,000-ton HPM Corporation injection molding press, identified as PR-2072, installed in 2004, capacity: 300 pounds of fiberglass reinforced plastic parts per hour.~~

~~(19) One (1) 1,000-ton HPM Corporation injection molding press, identified as PR-1073, installed in 2005, capacity: 200 pounds of fiberglass reinforced plastic parts per hour.~~

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

National Emission Standards for Hazardous Air Pollutants (NESHAP) Requirements
[326 IAC 2-7-5(1)]

~~E.2.1~~**E.1.1** General Provisions Relating to NESHAP WWWW [326 IAC 20-1] [40 CFR Part 63, Subpart A]

Pursuant to 40 CFR 63.5925, the Permittee shall comply with the provisions of 40 CFR Part 63, Subpart A – General Provisions, which are incorporated by reference as 326 IAC 20-1-1, as specified in Table 15 of 40 CFR Part 63, Subpart WWWW in accordance with the schedule in 40 CFR 63 Subpart WWWW.

~~E.2.2~~**E.1.2** NESHAP WWWW Requirements [326 IAC 20-56] [40 CFR Part 63, Subpart WWWW]

Pursuant to CFR Part 63, Subpart WWWW, the Permittee shall comply with the provisions of 40 CFR Part 63.5780, as published in 70 FR 50124, August 25, 2005, with an effective date of October 24, 2005, for the three (3) SMC manufacturing lines (Machine 1, Machine 2 and Machine 3)~~, the nineteen (19) SMC presses (PR-0419, PR-0420, PR-0618, PRV-1222, PRV-1223, PRV-1250, PRV-1558, PRV-2024, PRV-2025, PRV-2059, PR-2566, PR-2567, PRV-4470, PRV-0648, PRV-0849, PRV-1026, PR-1571, PR-2072 and PR-1073)~~, and equipment cleaning, cleaning of materials used in reinforced plastic composites manufacture, mixing, and HAP-containing material storage, with a compliance date of April 21, 2006, as specified as follows:

* * *

~~INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT~~
~~OFFICE OF AIR QUALITY~~
~~COMPLIANCE and ENFORCEMENT BRANCH~~

~~PART 70 OPERATING PERMIT~~
~~SEMI-ANNUAL NATURAL GAS-FIRED BOILER CERTIFICATION~~

~~Source Name: Meridian Automotive Systems~~
~~Source Address: 14123 Roth Road, Grabill, Indiana 46741~~
~~Mailing Address: 14123 Roth Road, Grabill, Indiana 46741~~
~~Part 70 Permit No.: T 003-23272-00059~~

☐ ~~Natural Gas Only~~ ☐ ~~Alternate Fuel burned~~ ~~From~~ _____ ~~To:~~ _____

~~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:~~
~~Phone:~~
~~Date:~~

~~A certification by the responsible official as defined by 326 IAC 2-7-1(34) is required for this report~~.

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

~~Part 70 Quarterly Report~~

~~Source Name: Meridian Automotive Systems~~
~~Source Address: 14123 Roth Road, Grabill, Indiana 46741~~
~~Mailing Address: 14123 Roth Road, Grabill, Indiana 46741~~
~~Part 70 Permit No.: T 003-23272-00059~~
~~Facilities: SB-C24 and SB-C32~~
~~Parameter: Total VOC input~~
~~Limit: Less than a total of 66.0 tons per twelve (12) consecutive month period with compliance determined at the end of each month.~~

~~YEAR: _____~~

~~Month~~	~~VOC input (tons)~~	~~VOC input (tons)~~	~~VOC input (tons)~~
	~~This Month~~	~~Previous 11 Months~~	~~12 Month Total~~

~~☐ No deviation occurred in this month.~~

~~☐ Deviation/s occurred in this month.~~
~~Deviation has been reported on: _____~~

~~Submitted by: _____~~

~~Title/Position: _____~~

~~Signature: _____~~

~~Date: _____~~

~~Phone: _____~~

~~Attach a signed certification to complete this report.~~

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE and ENFORCEMENT BRANCH

Part 70 Quarterly Report

Source Name: Meridian Automotive Systems
Source Address: 13811 Roth Road, Grabill, Indiana 46741
Mailing Address: 13811 Roth Road, Grabill, Indiana 46741
Part 70 Permit No.: T 003-23272-00059
Facilities: The ~~four (4) spray booths (SB-A, SB-B, SB-C24 and SB-C32), one (1) touch-up spray booth (TU-ROOF), the~~ three (3) SMC manufacturing lines (Machine 1, Machine 2 and Machine 3) ~~and the nineteen (19) SMC presses (PR-0419, PR-0420, PR-0618, PRV-1222, PRV-1223, PRV-1250, PRV-1558, PRV-2024, PRV-2025, PRV-2059, PR-2566, PR-2567, PRV-4470, PRV-0648, PRV-0849, PRV-1026, PR-1571, PR-2072 and PR-1073),~~
Parameter: Total VOC emissions
Limit: Less than a total of 246.1 tons per twelve (12) consecutive month period with compliance determined at the end of each month. Compliance shall be shown using the following equation:

$$E = \cancel{U_{PB} +} (V_{SMC} \times 0.0059) + (P_{SMC} \times 0.0001254) + \cancel{(U_{SMC} \times 0.03)}$$

Where:
E = Total VOC emissions (tons)
~~U_{PB} = Total VOC input to the spray booths (SB-A, SB-B, SB-C24, SB-C32, TU-ROOF) (tons)~~
V_{SMC} = Total VOC input to the three (3) SMC Machines (tons)
P_{SMC} = Total SMC produced at the three (3) SMC Machines (tons)
~~U_{SMC} = Total VOC input to the nineteen (19) SMC presses (tons)~~

YEAR:_____

Month	VOC emissions (tons)					VOC emissions (tons)					VOC emissions (tons)				
	This Month					Previous 11 Months					12 Month Total				
	~~U_{PB}~~	V_{SMC}	P_{SMC}	~~U_{SMC}~~	E	~~U_{PB}~~	V_{SMC}	P_{SMC}	~~U_{SMC}~~	E	~~U_{PB}~~	V_{SMC}	P_{SMC}	~~U_{SMC}~~	E

☐ No deviation occurred in this month.

☐ Deviation/s occurred in this month.
Deviation has been reported on: _____

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

Attach a signed certification to complete this report.

Modification No. 6:

New Section D.2 has been added to the permit to incorporate that applicable requirements to the natural gas-fired boiler (Insignificant Activity).

SECTION D.2 FACILITY OPERATION CONDITIONS

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

(a) Natural gas-fired combustion sources with heat input equal to or less than ten million (10,000,000) Btu per hour.

(1) One (1) natural gas-fired boiler, with a maximum heat input capacity of less than 10 MMBtu/hr.

(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.2.1 Particulate [326 IAC 6-2-4]

Pursuant to 326 IAC 6-2-4 (Particulate Emission Limitations for Sources of Indirect Heating: Emission limitations for facilities specified in 326 IAC 6-2-1(d)), the particulate emissions from the one (1) natural gas-fired boiler, shall not exceed Pt pounds per million Btu heat input (lb/MMBtu) Where Pt shall be calculated using the following equation:

$$Pt = 1.09/Q^{0.26}$$

where:

Pt = Pounds of particulate matter emitted per million British thermal units (lb/mmBtu) heat input

Q = Total source maximum operating capacity rating in million British thermal units per hour (mmBtu/hr) heat input. The maximum operating capacity rating is defined as the maximum capacity at which the facility is operated or the nameplate capacity, whichever is specified in the facility's permit application, except when some lower capacity is contained in the facility's operation permit; in which case, the capacity specified in the operation permit shall be used.

For Q less than 10 mmBtu/hr, Pt shall not exceed 0.6.

Conclusion and Recommendation

The staff recommend to the Commissioner that this Part 70 Administrative Amendment No. 003-28232-00059 be approved.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

Mitchell E. Daniels Jr.
Governor

Thomas W. Easterly
Commissioner

100 North Senate Avenue
Indianapolis, Indiana 46204
(317) 232-8603
Toll Free (800) 451-6027
www.idem.IN.gov

SENT VIA U.S. MAIL: CONFIRMED DELIVERY AND SIGNATURE REQUESTED

TO: Steve Moeller
Meridian Automotive Systems
1412 Roth Road
Grabill, IN 46741

DATE: August 6, 2009

FROM: Matt Stuckey, Branch Chief
Permits Branch
Office of Air Quality

SUBJECT: Final Decision
Administrative Amendment
003-28232-00059

Enclosed is the final decision and supporting materials for the air permit application referenced above. Please note that this packet contains the original, signed, permit documents.

The final decision is being sent to you because our records indicate that you are the contact person for this application. However, if you are not the appropriate person within your company to receive this document, please forward it to the correct person.

A copy of the final decision and supporting materials has also been sent via standard mail to:
Colin Mason - Plant Manager
David Jordan - Environmental Resources Management (ERM)
OAQ Permits Branch Interested Parties List

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178, or toll-free at 1-800-451-6027 (ext. 3-0178), and ask to speak to the permit reviewer who prepared the permit. If you think you have received this document in error, please contact Joanne Smiddie-Brush of my staff at 1-800-451-6027 (ext 3-0185), or via e-mail at jbrush@idem.IN.gov.

Final Applicant Cover letter.dot 11/30/07

Mail Code 61-53

IDEM Staff	GHOTOPP 8/6/2009 Meridian Automotive Systems 003-28232-00059 Final			AFFIX STAMP HERE IF USED AS CERTIFICATE OF MAILING
Name and address of Sender	▶	Indiana Department of Environmental Management Office of Air Quality – Permits Branch 100 N. Senate Indianapolis, IN 46204	Type of Mail: **CERTIFICATE OF MAILING ONLY**	

Line	Article Number	Name, Address, Street and Post Office Address	Postage	Handing Charges	Act. Value (If Registered)	Insured Value	Due Send if COD	R.R. Fee	S.D. Fee	S.H. Fee	Rest. Del. Fee Remarks
1		Steve Moeller Magna Composites LLC 14123 Roth Rd Grabill IN 46741 (Source CAATS) via confirmed delivery									
2		Colin Mason Plant Mgr Magna Composites LLC 14123 Roth Rd Grabill IN 46741 *(RO CAATS)*									
3		Daniel & Sandy Trimmer 15021 Yellow River Road Columbia City IN 46725 *(Affected Party)*									
4		Duane & Deborah Clark Clark Farms 6973 E. 500 S. Columbia City IN 46725 *(Affected Party)*									
5		Mr. Victor Locke WPTA-TV P.O.Box 2121 Fort Wayne IN 46801 *(Affected Party)*									
6		Mr. John E. Hampton Plumbers & Steamfitters, Local 166 2930 W Ludwig Rd Fort Wayne IN 46818-1328 *(Affected Party)*									
7		David & Elda Ivey 7079 S 500 E Jonesboro IN 46938-9713 *(Affected Party)*									
8		David Jordan Environmental Resources Management (ERM) 11350 North Meridian, Ste. 220 Carmel IN 46032 *(Consultant)*									
9		Grabill Town Council P.O. Box 321, 13717 First Street Grabill IN 46741 *(Local Official)*									
10		Allen Co. Board of Commissioners One Main St. Fort Wayne IN 46802 *(Local Official)*									
11		Fort Wayne-Allen County Health Department 1 E Main Street, 5th Floor Fort Wayne IN 46802-1810 *(Health Department)*									
12											
13											
14											
15											

Total number of pieces Listed by Sender	Total number of Pieces Received at Post Office	Postmaster, Per (Name of Receiving employee)	The full declaration of value is required on all domestic and international registered mail. The maximum indemnity payable for the reconstruction of nonnegotiable documents under Express Mail document reconstructing insurance is $50,000 per piece subject to a limit of $50, 000 per occurrence. The maximum indemnity payable on Express mil merchandise insurance is $500. The maximum indemnity payable is $25,000 for registered mail, sent with optional postal insurance. See ***Domestic Mail Manual*** **R900, S913**, and **S921** for limitations of coverage on inured and COD mail. See ***International Mail Manual*** for limitations o coverage on international mail. Special handling charges apply only to Standard Mail (A) and Standard Mail (B) parcels.
10			

FACSIMILIE OF PS Form 3877