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 31, 2012

RE: Therma Tru Corporation / 033-31988-00019

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

Notice of Decision: Approval - Effective Immediately

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 IC 13-15-5-3, this permit is effective immediately, unless a petition for stay of effectiveness is filed and granted according to IC 13-15-6-3, and may be revoked or modified in accordance with the provisions of IC 13-15-7-1.

If you wish to challenge this decision, IC 4-21.5-3 and IC 13-15-6-1 require 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 of 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.dot12/03/07

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
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MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
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Toll Free (800) 451-6027
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August 31, 2012

Rick Goodman, Corporate EHS Manager
Therma Tru Corporation
601 RE Jones Road
Butler, IN 46721

Re: 033-31988-00019
Significant Source Modification to:
Part 70 Permit (2nd Renewal) No.: T033-30711-00019

Dear Mr. Goodman:

Rick Goodman was issued Part 70 operating permit (Second Renewal) No. T 033-30711-00019 on February 3, 2012 for a stationary metal and fiberglass entry door manufacturing source. A letter requesting changes to the permit was received on May 30, 2012. Pursuant to the provisions of 326 IAC 2-7-12, a significant permit modification to this permit is hereby approved as described in the attached Technical Support Document.

The modification includes the addition of the following emission unit:

(a) One (1) CNC operation for machining hinges, slots, lock openings and window openings in doors, permitted in 2012, identified as CNC-1, with a maximum throughput capacity of 975 pounds per hour and processing 18 units per hour, exhausting to dust collector DC3.

The Permittee has also requested the reconfiguration of some control devices and correction of some equipment descriptions. Emissions from existing sources CO-1, CO-2, PA-1, and CO-4 will be re-routed to a new dust collector DC4. Emissions from existing units PA-2 and CO-3 and proposed unit CNC-1 will be exhausted through dust collector DC3. In addition, emission unit DH-1, which was earlier controlled by DC3 has been removed from the source and will be deleted from the permit.

All other conditions of the permit shall remain unchanged and in effect. Please find enclosed 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 Madhurima Moulik of my staff at the Indiana Department Environmental Management, Office of Air Quality, 100 North Senate Avenue, MC 61-53 IGCN 1003, Indianapolis, Indiana 46204-2251 or by telephone at (317) 233-0868 or toll free at 1-800-451-6027 extension 3-0868.

Sincerely,

Chrystal Wagner, Section Chief
Permits Branch
Office of Air Quality

Attachments

MDM

cc: File - Dekalb County
Dekalb County Health Department
Air Compliance and Enforcement

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
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Part 70 Operating Permit Renewal
OFFICE OF AIR QUALITY

Therma Tru Corporation
601 RE Jones Road
Butler, Indiana 46721

(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.: T033-30711-00019	
Issued by: Original Issued By: Chrystal A. Wagner, Section Chief Permits Branch Office of Air Quality	Issuance Date: February 3, 2012 Expiration Date: February 3, 2017

First Significant Permit Modification No.: T033-31988-00019	
Issued by: Chrystal A. Wagner, Section Chief Permits Branch Office of Air Quality	Issuance Date: August 31, 2012 Expiration Date: February 3, 2017

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SECTION A SOURCE SUMMARY

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

A.1 General Information [326 IAC 2-7-4(c)][326 IAC 2-7-5(15)][326 IAC 2-7-1(22)]

The Permittee owns and operates a stationary metal and fiberglass entry door manufacturing source.

Source Address:	601 RE Jones Road, Butler, Indiana 46721
General Source Phone Number:	260 - 868 - 5811
SIC Code:	3089 and 3442
County Location:	DeKalb
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Part 70 Operating Permit Program Minor Source, under PSD and Emission Offset 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:

(a) One (1) steel door assembly line, identified as A-Line, consisting of the following operations, approved for construction in 2009:

(1) One (1) enclosed spray coating operation, identified as SP-2, using airless spray application method, with a maximum capacity of 360 steel doors per hour with 0.14 gallons per steel door coating usage rate, using dry filters for particulate control, and exhausting to stack SP-2.1. Under 40 CFR 63 (NESHAP), Subpart MMMM, this unit is considered a miscellaneous metal parts and products surface coating facility.

(2) One (1) adhesive coating operation, identified as SA-2, with a maximum capacity of 360 steel doors per hour with 0.20 gallons per steel door coating usage rate, without add-on control, and exhausting to stack SA-2.1.Under 40 CFR 63 (NESHAP), Subpart MMMM, this unit is considered a miscellaneous metal parts and products surface coating facility.

(3) One (1) spray coating curing oven, identified as SCO-2, with a maximum heat input capacity of 2.0 MMBtu/hr, using only natural gas and electric power, with no add-on control, and exhausting to a stack.

(4) One (1) foaming operation, identified as SF-2, with a maximum capacity of 360 steel doors per hour, with no add-on control, and exhausting to stack SF-2.1.

(5) One (1) boring operation, identified as SDMC-2A, with maximum throughput capacity of 16,200 pounds per hour, using a cyclone for particulate control, and exhausting to stack SDMC-2.1.

(6) One (1) end rail boring operation, identified as SDMC-2B, with maximum throughput capacity of 16,200 pounds per hour, using a cyclone for particulate control, and exhausting to stack SDMC-2.1.

(7) One (1) machining station, identified as EU4, installed in 1989, using a cyclone for particulate emission control and exhausting to Stack SDMC-2.1, capacity: 360 doors per hour and 16,200 pounds per hour, consisting of the following:

(A) One (1) deflashing station, identified as DF-3, approved for construction in 2010, with a maximum throughput capacity of 13,680 pounds per hour, equipped with a cartridge dust collector for particulate control, exhausting to stack SDMC-2.1.

(b) One (1) Door Assembly Line, identified as B-Line, installed in 2000, capacity: 20,250 pounds of doors per hour or 360 doors per hour, consisting of:

(1) One (1) adhesive application station, identified as D2-APP1, without add-on control, exhausting through Stack 18.2, capacity: 43 pounds of adhesive per hour or 360 doors per hour. Under 40 CFR 63 (NESHAP), Subpart PPPP, this unit is considered a plastic parts and products surface coating facility.

(2) One (1) natural gas fired curing oven, identified as D2-OV2, exhausting through exhausting inside the building, maximum heat input capacity of 0.25 MMBtu/hr, and capacity: 360 doors per hour.

(3) One (1) door foam injection system, identified as D2-F1, exhausting through Stack 19.1, capacity: 2,300 pounds of resin and foam insulation per hour or 360 doors per hour.

(4) One (1) door machining station, identified as D2-MS1, including an online boring center (D2-MS1-1), equipped with a baghouse and cyclone connected in series, identified as DC2, exhausting through Stack 20.1, capacity: 360 doors per hour or 18,000 pounds per hour.

(5) One (1) deflashing station, identified as DF-1, approved for installation in 2006, equipped with a cartridge dust collector for particulate control, exhausted inside the building, capacity: 720 fiberglass door skins per hour or 13,680 pounds per hour.

(c) One (1) fiberglass door assembly line, identified as C-Line, consisting of the following operations, approved for construction in 2009:

(1) One (1) adhesive coating operation, identified as FA-2, with a maximum capacity of 360 steel doors per hour with 0.03 gallons per steel door coating usage rate, without add-on control, and exhausting to stack SVFA-2. Under 40 CFR 63 (NESHAP), Subpart PPPP, this unit is considered plastic parts and products surface coating facility.

(2) One (1) foaming operation, identified as FF-2, with a maximum capacity of 360 steel doors per hour, with no add-on control, and exhausting to stack SVFF-2.

(3) One (1) curing oven/flame treater, identified as FCO-2, with a maximum heat input capacity of 0.25 MMBtu/hr, using natural gas only, with no add-on control, and exhausting to a stack.

(4) One (1) machining operation, identified as FDMC-2A, with maximum throughput capacity of 18,200 pounds per hour, using a baghouse for particulate control, and exhausting to stack DC1-1.

(5) One (1) online boring center, identified as FDMC-2B, with maximum throughput capacity of 18,200 pounds per hour, using a baghouse for particulate control, and exhausting to stack DC1-1.

(6) One (1) deflashing station, identified as DF-2, installed in 2009, equipped with a cartridge dust collector for particulate control, exhausting inside the building, capacity: 720 fiberglass door skins per hour or 13,680 pounds per hour.

(d) One (1) conveyorized coating line, identified as BPO2, consisting of the following operations, approved in 2011 for construction:

(1) Six (6) coating booths, identified as booths 1 through 6, using airless spray application method, with a maximum capacity of 60 doors per hour, using dry filters for particulate control, and exhausting to stacks SBPO2-1 through SBPO2-6.

(2) Three (3) manual booths, identified as booths 7 through 9, using airless spray application method, with a maximum capacity of 14 doors per hour, using dry filters for particulate control, and exhausting to stacks SBPO2-7 through SBPO2-9.

(e) Machining centers as follows:

Connected to dust collector DC3 and exhausting to stack DC3-1:

(1) One (1) CNC Thermwood machining centers for Patio Doors, identified as PA-2, installed in 2006, capacity: 11.25 patio door units per hour, each.

(2) One (1) KVAL cutout machines, identified as CO-3, installed in 2000, respectively, capacity: 50 units per hour.

(3) One (1) CNC operation for machining hinges, slots, lock openings and window openings in doors, permitted in 2012, identified as CNC-1, with a maximum throughput capacity of 975 pounds per hour and processing 18 units per hour.

Connected to dust collector DC4 and exhausting to stack DC4-1:

(4) One (1) CNC Thermwood machining center for Patio Doors, identified as PA-1, installed in 2006, capacity: 11.25 patio door units per hour, each.

(5) Two (2) KVAL cutout machines, identified as CO-1 and CO-2, installed in 1993 and 2005, respectively, capacity: 50 units per hour, each.

(6) One (1) cutout machine, identified as CO-4, approved for construction in 2009, with a maximum throughput capacity of 2,450 pounds per hour.

(7) Miscellaneous TLI machining operations, permitted in 2010.

(f) One (1) double cut saw, identified as DCS-1, installed in 2004, using a baghouse for particulate control, exhausting to a stack DCS-2.1, capacity: 130 door skins per hour.

(g) One (1) spray booth coating operation, approved for construction in 2007 and modified in 2010, identified as TLI Coating Line, and consisting of:

(1) One (1) automatic line with five (5) paint booths, two (2) electric powered infrared drying banks, and five (5) electric flash stations, individually identified as Booth 1 through Booth 5, IR Drying Banks 1 and 2, and Flash 1 through Flash 5, collectively identified as TLI Automatic Line, with a maximum capacity of 60 doors per hour or 50 patio units per hour, using dry filters as control, and exhausting to stacks TLI-1 through TLI-5, respectively. Under 40 CFR 63 (NESHAP), Subpart MMMM, these units are considered a miscellaneous metal parts and products surface coating facilities. Under 40 CFR 63 (NESHAP), Subpart PPPP, these units are considered plastic parts and products surface coating facilities.

(2) Two (2) manual paint booths, identified as TLI Manual Booths (booths 6 and 7), with a combined maximum capacity of 14 units per hour, and using dry filters as control and exhausting to stacks TLI-6 and TLI-7. Under 40 CFR 63 (NESHAP), Subpart MMMM, these units are considered miscellaneous metal parts and products surface coating facilities. Under 40 CFR 63 (NESHAP), Subpart PPPP, these units are considered plastic parts and products surface coating facilities.

(3) One (1) paint kitchen for mixing, handling, and storing paint. Under 40 CFR 63 (NESHAP), Subpart MMMM, this unit is considered a miscellaneous metal parts and products surface coating facility. Under 40 CFR 63 (NESHAP), Subpart PPPP, this unit is considered a plastic parts and products surface coating facility.

(4) One (1) spray booth, identified as TLI booth 8, approved for construction in 2010, with a maximum capacity of seven (7) units per hour, and using dry filters for particulate control and exhausting to stack TLI-8. Under 40 CFR 63 (NESHAP), Subpart MMMM, this unit is considered a miscellaneous metal parts and products surface coating facility. Under 40 CFR 63 (NESHAP), Subpart PPPP, this unit is considered a plastic parts and products surface coating facility.

(5) One (1) cutout machine, identified as TLI cutout, modified in 2010, with a maximum throughput capacity of 1,375 pounds per hour, using cyclone TLI DC-1 for particulate control.

(h) One (1) concrete door adhesive spraying operation, approved for construction in 2007, identified as CD-3, with a maximum capacity of 24 doors per hour, using dry filters as control, and exhausting to Stack CD3-1. Under 40 CFR 63 (NESHAP), Subpart MMMM, this unit is considered a miscellaneous metal parts and products surface coating facility. Under 40 CFR 63 (NESHAP), Subpart PPPP, this unit is considered a plastic parts and products surface coating facility.

(i) One (1) Sheet Molding Compound (SMC) Production Line, identified as SMC2, installed in 2000, capacity: 18,500 pounds of molding compound per hour, consisting of:

(1) Two (2) calcium carbonate silos, identified as SILO1 and SILO2, each equipped with a baghouse, exhausting through Stacks 25.2 and 25.3, throughput: 8,800 pounds of calcium carbonate per hour, each, capacity: 200,000 pounds of calcium carbonate, each.

(2) Two (2) resin mixers, exhausting through Stack 17.1 and/or Stack 17.2, total throughput: 8,880 pounds of calcium carbonate, 4,700 pounds of resin, 648 pounds of pigment mixture, 130 pounds of release agent, and 74 pounds of catalyst per hour. Under 40 CFR 63 (NESHAP), Subpart WWWW, this unit is considered a sheet molding compound (SMC) manufacturing operation.

(3) One (1) sheet molding compound extruder, exhausting through Stack 17.1 and/or Stack 17.2, throughput 14,432 pounds of materials plus 4,070 pounds of chopped fiberglass strands per hour. Under 40 CFR 63 (NESHAP), Subpart WWWW, this unit is considered a sheet molding compound (SMC) manufacturing operation.

(j) Six (6) sheet molding compound (SMC) presses, identified as Presses 1 through 6, installed in 1989, exhausting inside, capacity: 1,067 pounds of SMC per hour, each. Under 40 CFR 63 (NESHAP), Subpart WWWW, these units are considered sheet molding compound (SMC) manufacturing operations.

(k) One (1) sheet molding compound (SMC) press, identified as Press 7, installed in February 1989, exhausting inside, capacity: 1,067 pounds of SMC per hour. Under 40 CFR 63 (NESHAP), Subpart WWWW, this unit is considered a sheet molding compound (SMC) manufacturing operation.

(l) One (1) sheet molding compound (SMC) press, identified as Press 8, installed in August 1989, exhausting inside, capacity: 1,067 pounds of SMC per hour. Under 40 CFR 63 (NESHAP), Subpart WWWW, this unit is considered a sheet molding compound (SMC) manufacturing operation.

(m) One (1) sheet molding compound (SMC) press, identified as Press 9, installed in March 1999, exhausting inside, capacity: 862.5 pounds of SMC per hour. Under 40 CFR 63 (NESHAP), Subpart WWWW, this unit is considered a sheet molding compound (SMC) manufacturing operation.

(n) Four (4) sheet molding compound (SMC) presses, identified as Presses 11 through 14, installed in 2000, exhausting inside, capacity: 1,067 pounds of SMC per hour, each. Under 40 CFR 63 (NESHAP), Subpart WWWW, these units are considered sheet molding compound (SMC) manufacturing operations.

(o) One (1) sheet molding compound (SMC) press, identified as Press 15, installed in March 2001, exhausting inside, capacity: 1,067 pounds of SMC per hour. Under 40 CFR 63 (NESHAP), Subpart WWWW, this unit is considered a sheet molding compound (SMC) manufacturing operation.

(p) One (1) sheet molding compound (SMC) press, identified as Press 16, installed in May 2001, exhausting inside, capacity: 1,067 pounds of SMC per hour. Under 40 CFR 63 (NESHAP), Subpart WWWW, this unit is considered a sheet molding compound (SMC) manufacturing operation.

(q) One (1) sheet molding compound (SMC) press, identified as Press 17, installed in June 2002, exhausting inside, capacity: 1,067 pounds of SMC per hour. Under 40 CFR 63 (NESHAP), Subpart WWWW, this unit is considered a sheet molding compound (SMC) manufacturing operation.

(r) One (1) sheet molding compound (SMC) press, identified as Press 18, installed in June 2002, exhausting inside, capacity: 1,067 pounds of SMC per hour. Under 40 CFR 63 (NESHAP), Subpart WWWW, this unit is considered a sheet molding compound (SMC) manufacturing operation.

(s) One (1) sheet molding compound (SMC) press, identified as Press 19, installed in July 2002, exhausting inside, capacity: 1,067 pounds of SMC per hour. Under 40 CFR 63 (NESHAP), Subpart WWWW, this unit is considered a sheet molding compound (SMC) manufacturing operation.

(t) One (1) sheet molding compound (SMC) press, identified as Press 20, installed in July 2002, exhausting inside, capacity: 1,067 pounds of SMC per hour. Under 40 CFR 63 (NESHAP), Subpart WWWW, this unit is considered a sheet molding compound (SMC) manufacturing operation.

(u) Five (5) sheet molding compound (SMC) presses, identified as Presses 21 through 25, installed in 2005, exhausting inside, capacity: 1,067 pounds of SMC per hour each and a combined total of 4,826 pounds of SMC per hour. Under 40 CFR 63 (NESHAP), Subpart WWWW, these units are considered sheet molding compound (SMC) manufacturing operations.

(v) One (1) double cut saw, identified as DCS-2, approved for construction in 2009, with a maximum throughput capacity of 2,470 pounds per hour, using a baghouse for particulate control, and exhausting to stack DCS-2.1.

(w) One (1) dry additive mixer, identified as SMCDM-1, approved for construction in 2009, with a maximum throughput capacity of 33 pounds per hour, using a baghouse for particulate control, and exhausting to stack SMCDM-1.1.

(x) One (1) miscellaneous sawing/trimming operation, identified as MS-2, approved for construction in 2009, with a maximum throughput capacity of 2,470 pounds per hour, using a baghouse for particulate control, and exhausting to stack DCS-2.1.

(y) One (1) cold cleaning/degreasing operation, identified as CC-2, approved for construction in 2009, with a maximum solvent usage capacity of 1 gallon per day, and venting inside the building.

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) Degreasing operations that do not exceed 145 gallons per twelve (12) months, except if subject to 326 IAC 20-6. [326 IAC 8-3-2] [326 IAC 8-3-5]

(b) Grinding and machining operations controlled with sock filter, fabric filters, and a cyclone (TLI DC-1) with a design grain loading of less than or equal to 0.03 grains per actual cubic feet and a gas flow rate less than or equal to 4,000 actual cubic feet per minute, including the following: deburring; buffing; polishing; abrasive blasting; pneumatic conveying; and woodworking. [326 IAC 6-3-2]

(c) Four (4) five thousand (5,000) gallon tanks storing urethane system resin component with VOC emissions less than 3 lb/hr and 15 lbs/day. Under 40 CFR 63 (NESHAP), Subpart WWWW, these units are considered HAP-containing materials storage.

(d) Three (3) five thousand (5,000) gallon tanks storing polymethylene polyphenylisocyanate (poly) with VOC emissions less than 3 lb/hr and 15 lbs/day. Under 40 CFR 63 (NESHAP), Subpart WWWW, these units are considered HAP-containing materials storage.

(e) Six (6) above ground resin storage tanks, identified as Tanks 1 through 6, exhausting through stack 17.1 and/or stack 17.2 capacity: 10,000 gallons each, throughput 4,700 pounds of resin per hour with VOC emissions less than three (3) pounds per hour and fifteen (15) pounds per day. Under 40 CFR 63 (NESHAP), Subpart WWWW, these units are considered HAP-containing materials storage.

(f) Five (5) resin holding tanks consisting of two (2) tanks, identified as A Side-Tank 1 and A Side-Tank 2 capacity: 1,500 gallons of resin each, and three (3) tanks, identified B Side-1 through B Side-3, capacity: 80 gallons of resin, each. Under 40 CFR 63 (NESHAP), Subpart WWWW, these units are considered HAP-containing materials storage. Under 40 CFR 63 (NESHAP), Subpart WWWW, these units are considered HAP-containing materials storage.

(g) One (1) 6,300-gallon tank storing polymethylene polyphenylisocyanate (poly) with VOC emissions less than 3 lb/hr and 15 lbs/day. Under 40 CFR 63 (NESHAP), Subpart WWWW, these units are considered HAP-containing materials storage.

(h) Activities with particulate emissions less than 5 lbs/hour or 25 lbs/day:

(1) Three (3) fiberglass skin cut down saws (FS-1, FS-2 and FS-3) [326 IAC 6-3-2].
(2) One (1) sanding booth (FS-4) [326 IAC 6-3-2].

(i) One (1) twelve thousand (12,000) -gallon aboveground storage tank, identified as T001, storing cyclopentane, covered by a nitrogen cap and pressurized to approximately thirty-five (35) psi. Under 40 CFR 68, Chemical Accident Prevention Provisions, this tank is used for storage of a flammable substance over 10,000 lbs, and requires a Risk Management Plan (RMP).

(j) One (1) natural gas-fired reciprocating emergency generator, identified as EG-1 rated at fifty (50) kW (~67 HP), (ordered in October 2010), and approved in 2010 for construction. The diesel generator, identified as EG-1, is considered an affected facility under the NSPS for Stationary Compression Ignition Internal Combustion Engines (40 CFR 60, Subpart IIII) and a new stationary reciprocating internal combustion engine at an area source of hazardous air pollutants under NESHAP for Stationary Reciprocating Internal Combustion Engines (40 CRF 63, Subpart ZZZZ).

(k) One (1) diesel fuel-fired compression ignition emergency generator for fire suppression system, identified as EG-2 rated at fifty (350) kilowatt (kW) (~469.2 HP), in stalled in 2005. EG-2, is considered an existing affected facility under the NSPS for Stationary Compression Ignition Internal Combustion Engines (40 CFR 60, Subpart IIII) and an existing stationary reciprocating internal combustion engine at an area source of hazardous air pollutants under NESHAP for Stationary Reciprocating Internal Combustion Engines (40 CRF 63, Subpart ZZZZ).

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, T033-30711-00019, 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] [IC 13-17-12]

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. 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) A certification required by this permit meets the requirements of 326 IAC 2-7-6(1) if:

(1) it contains a certification by a "responsible official" as defined by 326 IAC 2-7-1(34), and

(2) the certification states that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

(b) The Permittee may use the attached Certification Form, or its equivalent with each submittal requiring certification. One (1) certification may cover multiple forms in one (1) submittal.

(c) A "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

and

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

(b) The annual compliance certification report required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.

(c) The annual compliance certification report shall include the following:

(1) The 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 a certification that meets the requirements of 326 IAC 2-7-6(1) by a "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) A Preventive Maintenance Plan meets the requirements of 326 IAC 1-6-3 if it includes, at a minimum:

(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.

The Permittee shall implement the PMPs.

(b) If required by specific condition(s) in Section D of this permit where no PMP was previously required, the Permittee shall prepare and maintain Preventive Maintenance Plans (PMPs) no later than ninety (90) days after issuance of this permit or ninety (90) days after initial start-up, whichever is later, 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.

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

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

The PMP extension notification does not require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(34).

The Permittee shall implement the PMPs.

(c) 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. The PMPs and their submittal do not require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(34).

(d) 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, or Northern Regional Office 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 and Enforcement Branch), or
Telephone Number: 317-233-0178 (ask for Office of Air Quality, Compliance and Enforcement Branch)
Facsimile Number: 317-233-6865
Northern Regional Office phone: (574) 245-4870; fax: (574) 245-4877**.**

(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 a certification that meets the requirements of 326 IAC 2-7-6(1) by a "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.

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 specifically 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 T033-30711-00019 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 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 noncompliance does not stay any condition of this permit. [326 IAC 2-7-5(6)(C)] The notification by the Permittee does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "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.16 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 a certification that meets the requirements of 326 IAC 2-7-6(1) by a "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, pursuant to 326 IAC 2-7-4(a)(2)(D), in writing by IDEM, OAQ any additional information identified as being needed to process the application.

B.17 Permit Amendment or Modification [326 IAC 2-7-11][326 IAC 2-7-12]

(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 does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "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.18 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 or notice 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.19 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 a certification that meets the requirements of 326 IAC 2-7-6(1) by a "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.20 Source Modification Requirement [326 IAC 2-7-10.5]

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

B.21 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.22 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

Any such application does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "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.23 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.24 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 5-1-1 (Applicability) and 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 except as provided in 326 IAC 4-2 or in this permit. The Permittee shall not operate a refuse incinerator or refuse burning equipment except as provided in 326 IAC 9-1-2 or in this permit.

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 that meets the requirements of 326 IAC 2-7-6(1) by a "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 Licensed 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 Licensed Asbestos Inspector to

thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement to use an Indiana Licensed Asbestos inspector is not federally enforceable.

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

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

(a) For performance testing required by this permit, 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 a certification that meets the requirements of 326 IAC 2-7-6(1) by a "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 a certification that meets the requirements of 326 IAC 2-7-6(1) by a "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, for all monitoring requirements not already legally required, the Permittee shall be allowed up to ninety (90) days from the date of permit issuance or of initial start-up, whichever is later, to begin such monitoring. If due to circumstances beyond the Permittee's control, any monitoring equipment required by this permit cannot be installed and operated no later than ninety (90) days after permit issuance or the date of initial startup, whichever is later, 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 a certification that meets the requirements of 326 IAC 2-7-6(1) by a "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 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.12 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]

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

(a) The Permittee shall maintain the most recently submitted written emergency reduction plans (ERPs) consistent with safe operating procedures.

(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.13 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.14 Response to Excursions or Exceedances [326 IAC 2-7-5] [326 IAC 2-7-6]

Upon detecting an excursion where a response step is required by the D Section or an exceedance of a limitation in this permit:

(a) The Permittee shall take reasonable response steps to 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 excess emissions.

(b) The response shall include minimizing the period of any startup, shutdown or malfunction. The response may include, but is not limited to, the following:

(1) initial inspection and evaluation;

(2) recording that operations returned or are returning 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 normal or usual manner of operation.

(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; and/or

(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 record the reasonable response steps taken.

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

(a) When the results of a stack test performed in conformance with Section C - Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall submit a description of its response actions to IDEM, OAQ, no later than seventy-five (75) days after the date of the test.

(b) A retest to demonstrate compliance shall be performed no later than one hundred eighty (180) days after the date of the test. Should the Permittee demonstrate to IDEM, OAQ that retesting in one hundred eighty (180) 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 a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(34).

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

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

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
Technical Support and Modeling Section, Office of Air Quality
100 North Senate Avenue
MC 61-50 IGCN 1003
Indianapolis, Indiana 46204-2251

The emission statement does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(34).

C.17 General Record Keeping Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-6]

(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, for all record keeping requirements not already legally required, the Permittee shall be allowed up to ninety (90) days from the date of permit issuance or the date of initial start-up, whichever is later, to begin such record keeping.

C.18 General Reporting Requirements [326 IAC 2-7-5(3)(C)] [326 IAC 2-1.1-11]

(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 except that 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. This report shall be submitted not later than thirty (30) days after the end of the reporting period. The Quarterly Deviation and Compliance Monitoring Report shall include a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(34). A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit.

(b) The address for report submittal is:

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) 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.

Stratospheric Ozone Protection

C.19 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 applicable standards for recycling and emissions reduction.

SECTION D.1 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description: Door Assembly

(a) One (1) steel door assembly line, identified as A-Line, consisting of the following operations, approved for construction in 2009:

(1) One (1) enclosed spray coating operation, identified as SP-2, using airless spray application method, with a maximum capacity of 360 steel doors per hour with 0.14 gallons per steel door coating usage rate, using dry filters for particulate control, and exhausting to stack SP-2.1. Under 40 CFR 63 (NESHAP), Subpart MMMM, this unit is considered a miscellaneous metal parts and products surface coating facility.

(2) One (1) adhesive coating operation, identified as SA-2, with a maximum capacity of 360 steel doors per hour with 0.20 gallons per steel door coating usage rate, without add-on control, and exhausting to stack SA-2.1. Under 40 CFR 63 (NESHAP), Subpart MMMM, this unit is considered a miscellaneous metal parts and products surface coating facility.

(3) One (1) spray coating curing oven, identified as SCO-2, with a maximum heat input capacity of 2.0 MMBtu/hr, using only natural gas and electric power, with no add-on control, and exhausting to a stack.

(4) One (1) foaming operation, identified as SF-2, with a maximum capacity of 360 steel doors per hour, with no add-on control, and exhausting to stack SF-2.1.

(5) One (1) boring operation, identified as SDMC-2A, with maximum throughput capacity of 16,200 pounds per hour, using a cyclone for particulate control, and exhausting to stack SDMC-2.1.

(6) One (1) end rail boring operation, identified as SDMC-2B, with maximum throughput capacity of 16,200 pounds per hour, using a cyclone for particulate control, and exhausting to stack SDMC-2.1.

(7) One (1) machining station, identified as EU4, installed in 1989, using a cyclone for particulate emission control and exhausting to Stack SDMC-2.1, capacity: 360 doors per hour and 16,200 pounds per hour, consisting of the following:

(b) One (1) Door Assembly Line, identified as B-Line, installed in 2000, capacity: 20,250 pounds of doors per hour or 360 doors per hour, consisting of:

(1) One (1) adhesive application station, identified as D2-APP1, without add-on control, exhausting through Stack 18.2, capacity: 43 pounds of adhesive per hour or 360 doors per hour. Under 40 CFR 63 (NESHAP), Subpart PPPP, this unit is considered a plastic parts and products surface coating facility.

(2) One (1) natural gas fired curing oven, identified as D2-OV2, exhausting through exhausting inside the building, maximum heat input capacity of 0.25 mmBtu/hr, and capacity: 360 doors per hour.

(3) One (1) door foam injection system, identified as D2-F1, exhausting through Stack 19.1, capacity: 2,300 pounds of resin and foam insulation per hour or 360 doors per hour.

(4) One (1) door machining station, identified as D2-MS1, including an online boring center (D2-MS1-1), equipped with a baghouse and cyclone connected in series, identified as DC2, exhausting through Stack 20.1, capacity: 360 doors per hour or 18,000 pounds per

hour.

(c) One (1) fiberglass door assembly line, identified as C-Line, consisting of the following operations, approved for construction in 2009:

(1) One (1) adhesive coating operation, identified as FA-2, with a maximum capacity of 360 steel doors per hour with 0.03 gallons per steel door coating usage rate, without add-on control, and exhausting to stack SVFA-2. Under 40 CFR 63 (NESHAP), Subpart PPPP, this unit is considered a plastic parts and products surface coating facility.

(2) One (1) foaming operation, identified as FF-2, with a maximum capacity of 360 steel doors per hour, with no add-on control, and exhausting to stack SVFF-2.

(3) One (1) curing oven/flame treater, identified as FCO-2, with a maximum heat input capacity of 0.25 MMBtu/hr, using natural gas only, with no add-on control, and exhausting to a stack.

(4) One (1) machining operation, identified as FDMC-2A, with maximum throughput capacity of 18,200 pounds per hour, using a baghouse for particulate control, and exhausting to stack DC1-1.

(5) One (1) online boring center, identified as FDMC-2B, with maximum throughput capacity of 18,200 pounds per hour, using a baghouse for particulate control, and exhausting to stack DC1-1.

(d) One (1) conveyorized coating line, identified as BPO2, consisting of the following operations, approved in 2011 for construction:

(1) Six (6) coating booths, identified as booths 1 through 6, using airless spray application method, with a maximum capacity of 60 doors per hour, using dry filters for particulate control, and exhausting to stacks SBPO2-1 through SBPO2-6.

(2) Three (3) manual booths, identified as booths 7 through 9, using airless spray application method, with a maximum capacity of 14 doors per hour, using dry filters for particulate control, and exhausting to stacks SBPO2-7 through SBPO2-9.

(e) Machining centers as follows:

Connected to dust collector DC3 and exhausting to stack DC3-1:

(1) One (1) CNC Thermwood machining centers for Patio Doors, identified as PA-2, installed in 2006, capacity: 11.25 patio door units per hour.

(2) One (1) KVAL cutout machine identified as CO-3, installed in 2000, capacity: 50 units per hour.

(3) One (1) CNC operation for machining hinges, slots, lock openings and window openings in doors, permitted in 2012, identified as CNC-1, with a maximum throughput capacity of 975 pounds per hour and processing 18 units per hour.

Connected to dust collector DC4 and exhausting to stack DC4-1:

(4) One (1) CNC Thermwood machining center for Patio Doors, identified as PA-1, installed in 2006, capacity: 11.25 patio door units per hour, each.

(5) Two (2) KVAL cutout machines, identified as CO-1 and CO-2, installed in 1993 and 2005, respectively, capacity: 50 units per hour, each.

(6) One (1) cutout machine, identified as CO-4, approved for construction in 2009, with a maximum throughput capacity of 2,450 pounds per hour.

(7) Miscellaneous TLI machining operations, permitted in 2010.

(f) One (1) double cut saw, identified as DCS-1, installed in 2004, using a baghouse for particulate control, exhausting to a stack DCS-2.1, capacity: 130 door skins per hour.

(g) One (1) spray booth coating operation, approved for construction in 2007, identified as TLI Coating Line, and consisting of:

(1) One (1) automatic line with five (5) paint booths, two (2) electric powered infrared drying banks, and five (5) electric flash stations, individually identified as Booth 1 through Booth 5, IR Drying Banks 1 and 2, and Flash 1 through Flash 5, collectively identified as TLI Automatic Line, with a maximum capacity of 60 doors per hour or 50 patio units per hour, using dry filters as control, and exhausting to stacks TLI-1 through TLI-5, respectively. Under 40 CFR 63 (NESHAP), Subpart MMMM, these units are considered a miscellaneous metal parts and products surface coating facilities. Under 40 CFR 63 (NESHAP), Subpart PPPP, these units are considered plastic parts and products surface coating facilities.

(2) Two (2) manual paint booths, identified as TLI Manual Booths, with a combined maximum capacity of 14 units per hour, and using dry filters as control. Under 40 CFR 63 (NESHAP), Subpart MMMM, these units are considered a miscellaneous metal parts and products surface coating facilities. Under 40 CFR 63 (NESHAP), Subpart PPPP, these units are considered plastic parts and products surface coating facilities.

(3) One (1) paint kitchen for mixing, handling, and storing paint. Under 40 CFR 63 (NESHAP), Subpart MMMM, this unit is considered a miscellaneous metal parts and products surface coating facility. Under 40 CFR 63 (NESHAP), Subpart PPPP, this unit is considered a plastic parts and products surface coating facility.

(4) One (1) spray booth, identified as TLI-8, approved for construction in 2010, with a maximum capacity of seven (7) units per hour, and using dry filters for particulate control. Under 40 CFR 63 (NESHAP), Subpart MMMM, this unit is considered a miscellaneous metal parts and products surface coating facility. Under 40 CFR 63 (NESHAP), Subpart PPPP, this unit is considered a plastic parts and products surface coating facility.

(5) One (1) cutout machine, identified as TLI cutout, modified in 2010, with a maximum throughput capacity of 1,1375 pounds per hour, using cyclone TLI DC-1 for particulate control.

(h) One (1) concrete door adhesive spraying operation, approved for construction in 2007, identified as CD-3, with a maximum capacity of 24 doors per hour, using dry filters as control, and exhausting to Stack CD3-1. Under 40 CFR 63 (NESHAP), Subpart MMMM, this unit is considered a miscellaneous metal parts and products surface coating facility. Under 40 CFR 63 (NESHAP), Subpart PPPP, this unit is considered a plastic parts and products surface coating facility.

(i) One (1) double cut saw, identified as DCS-2, approved for construction in 2009, with a maximum throughput capacity of 2,470 pounds per hour, using a baghouse for particulate control, and exhausting to stack DCS-2.1.

(j) One (1) miscellaneous sawing/trimming operation, identified as MS-2, approved for construction in 2009, with a maximum throughput capacity of 2,470 pounds per hour, using baghouse for particulate control, and exhausting to stack DCS-2.1.

(The information describing the process contained in this emissions unit 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) Pursuant to 326 IAC 2-2, the PM/PM10 emissions from each facility listed in the table below shall not exceed its specified limit:

Emission Unit	PM/PM10 limit (pounds per hour)
SDMC-2A	1.80
FDMC-2A	2.54
FDMC-2B	1.80
DCS-2	0.32
MS-2	0.49
SDMC-2B	0.10
SMCDM-1	0.01
D2-MS1	2.54
D2-MS1-1	1.8
PA-1	0.067
EU4	16.17
DCS-1	0.64
TLI Cut Out	3.43
PA2, CO-3, CNC-1 (dust collector DC-3)	0.62
PA-1, CO-1, CO-2, CO-4, TLI Misc. (dust collector DC-4)	1.53

(b) Pursuant to 326 IAC 2-2, the total PM/PM10 emissions from the surface coating facilities listed in table below shall not exceed 78 tons per twelve (12) consecutive month period.

Process	Emission Unit ID
TLI Coating Line	Booth 1-8
A-Line	SP-2
BPO2 Line	Booths 1 through 9
CD-3	CD-3

Compliance with the above limits in conjunction with Conditions D.2.2, D.3.4 and D.4.3, and PTE of PM/PM10 from D2-F1, SMC2, SCO-2, D2-OV2, FCO-2, EG-1 and EG-2 will limit source-wide

non-fugitive PM/PM10 emissions to less than 250 tons per year. Therefore, this is a minor source under 326 IAC 2-2.

D.1.2 PSD Minor Limit for Particulate Matter [326 IAC 2-2]

The total PM/PM10 from CD-3 and the TLI Coating Line shall not exceed fifteen (15) tons per twelve (12) consecutive month period with compliance determined at the end of each month.

Compliance with the above limit shall render the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration) not applicable to SSM No. 033-25066-00019.

D.1.3 Volatile Organic Compounds (VOC) [326 IAC 8-1-6]

In order to render the requirements of 326 IAC 8-1-6 not applicable, the Permittee shall limit the input of VOC including coatings, dilution solvents, and cleaning solvents to the TLI Coating Line (including the TLI Automatic Line (booths 1-5), TLI Manual Booths (booths 6 & 7), and TLI booth 8), to less than twenty-five (25) tons per twelve (12) consecutive month period when coating plastic products, with compliance determined at the end of each month.

Compliance with the above limit shall limit the VOC emissions from the TLI Coating Line (including the TLI Automatic Line (booths 1-5), TLI Manual Booths (booths 6 & 7), and TLI booth 8), to less than twenty-five (25) tons per twelve (12) consecutive month period and render 326 IAC 8-1-6 (New Facilities; General Reduction Requirements) not applicable to SSM No. 033-25066-00019 with respect to VOC.

D.1.4 Volatile Organic Compound (VOC) [326 IAC 8-2-9]

Pursuant to 326 IAC 8-2-9, the owner or operator shall not allow the discharge into the atmosphere VOC in excess of three and five-tenths (3.5) pounds of VOC per gallon of coating, excluding water, as delivered to the applicators at D2-APP1, the TLI Coating Line (including the TLI Automatic Line (booths 1-5), TLI Manual Booths (booths 6 & 7), and TLI booth 8), CD-3, SP-2, SA-2 and BPO2 Line when coating metal products.

D.1.5 Volatile Organic Compound (VOC) Limitations, Clean-up Requirements [326 IAC 8-2-9]

Pursuant to 326 IAC 8-2-9(f), work practices shall be used to minimize VOC emissions from mixing operations, storage tanks, and other containers, and handling operations for coatings, thinners, cleaning materials, and waste materials. Work practices shall include, but not be limited to, the following:

(1) Store all VOC containing coatings, thinners, coating related waste, and cleaning materials in closed containers.

(2) Ensure that mixing and storage containers used for VOC containing coatings, thinners, coating related waste, and cleaning materials are kept closed at all times except when depositing or removing these materials.

(3) Minimize spills of VOC containing coatings, thinners, coating related waste, and cleaning materials.

(4) Convey VOC containing coatings, thinners, coating related waste, and cleaning materials from one (1) location to another in closed containers or pipes.

(5) Minimize VOC emissions from the cleaning of application, storage, mixing, and conveying equipment by ensuring that equipment cleaning is performed without atomizing the cleaning solvent and all spent solvent is captured in closed containers.

D.1.6 Particulate [326 IAC 6-3-2(d)]

Pursuant to 326 IAC 6-3-2(d), particulate from the one (1) adhesive application station (D2-APP1), TLI Coating Line (including the TLI Automatic Line (booths 1-5), TLI Manual Booths (booths 6 & 7), and TLI booth 8), the one (1) concrete door adhesive spraying operation (CD-3), the spray booth coating operation (SP-2), and BPO2 Line shall be controlled by a dry particulate filter, waterwash, or an equivalent control device, and the Permittee shall operate the control device in accordance with manufacturer's specifications.

D.1.7 Particulate [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), the allowable particulate emission rate from the facilities listed below shall be limited as specified when operating at the respective process weight rate:

Emission Unit/Activity	Process Weight Rate (tons/hr)	Allowable Particulate Emission Rate (326 IAC 6-3-2) (lb/hr)
EU4	8.1	16.65
D2-MS1 and D2-MS1-1	9.0	17.87
PA-1	0.38	2.15
CO-1, CO-2, and CO-3 (each)	1.225	4.70
DCS-1	1.235	4.72
SDMC-2A	8.1	16.65
SDMC-2B	8.1	16.65
FDMC-2A	9.1	18
FDMC-2B	9.1	18
CO-4	1.225	4.7
DCS-2	1.235	4.72
MS-2	1.235	4.72
CNC-1	0.4875	2.35

The pounds per hour limitations were calculated using 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

Compliance Determination Requirements

D.1.8 Volatile Organic Compounds (VOC) [326 IAC 8-1-4] [326 IAC 8-1-2(a)]

Compliance with the VOC usage and content limitations contained in Conditions D.1.3 and D.1.4 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.1.9 Particulate Matter (PM/PM10) Emissions Determination [326 IAC 2-2]

Compliance with Condition D.1.1(b) and D.1.2 shall be determined by calculating the PM/PM_{10} emissions associated with each coating applied at the emission units listed in Conditions D.1.1(b) and D.1.2 using the following equation:

PM/PM10 = (∑CU x D x W%S) x [1-(TE/100)] x [1-(CE/100)] x 1/2000

Where:

PM/PM10 =	The total PM/PM10 emissions (ton/month) for all coatings.
CU =	The total Coating use (gal coating/month) of each coating.
D =	The density (lb coating/gal coating) of each coating.
W%S =	The weight percent solids (lb solids/lb coating) of each coating.
TE =	The transfer efficiency (%) of the spray applicators. This value shall be equal 75% for High Volume and Low Pressure (HVLP) spray application method and 50% for Airless spray application method; unless an IDEM approved test is conducted, in which case the value shall equal that determined from the most recent IDEM approved test.
CE =	The control efficiency (%) of the dry filters. This value shall be equal 95%.

D.1.10 Particulate Control [326 IAC 2-7-6(6)][326 IAC 2-2]

(a) In order to comply with Conditions D.1.1 and D.1.7, the particulate control devices equipped on the emission units listed in Conditions D.1.1 and D.1.7 shall be in operation and control emissions from its associated emission units at all times that the associated emission units are in operation.

(b) In the event that bag failure is observed in a multi-compartment baghouse, 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.

D.1.11 Testing Requirements [326 IAC 2-1.1-11]

(a) In order to demonstrate the compliance with Condition D.1.1(a), the Permittee shall perform PM and PM10 testing on FDMC-2A, FDMC-2B, DC-3 and DC-4 on whichever later date from the time period specified in (1) and (2) below.

(1) Within 180 days of publication of the new or revised condensable PM test method(s) referenced in the U. S. EPA's Final Rule for Implementation of the New Source Review (NSR) Program for Particulate Matter Less Than 2.5 Micrometers (PM2.5), signed on May 8, 2008.

(2) Within sixty (60) days after achieving the maximum capacity, but not later than one hundred eighty (180) days after initial startup.

PM10 includes filterable PM.

The above testing shall be repeated at least once every five (5) years from the date of the most recent valid compliance demonstration. Testing shall be conducted using methods approved by the Commissioner and in accordance with 326 IAC 3-6-3 and Section C - Performance Testing.

(b) In order to demonstrate the compliance with Condition D.1.1(b), the Permittee shall conduct transfer efficiency testing on one (1) of the booths in BPO2 Line no later than

180 days after the initial start-up of BPO2 Line. The testing shall be performed using 'Airless Spray' application method. This test shall be repeated at least once every five (5) years from the date of the most recent valid compliance demonstration. The repeat testing shall be done on a booth from BPO2 Line that has not been tested in the past ten (10) years. Testing shall be conducted using methods approved by the Commissioner and in accordance with 326 IAC 3-6-3. Section C – Performance Testing contains the Permittee's obligation with regard to the performance testing required by this condition.

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

D.1.12 Monitoring [40 CFR 64]

(a) Daily inspections shall be performed to verify the placement, integrity and particle loading of the filters equipped on SP-2, booths of TLI coating line, and BPO2 Line.

(b) To monitor the performance of the dry filters, weekly observations shall be made of the overspray from the stacks (Stacks TLI-1, TLI-2, TLI-3, TLI-4, TLI-5, SP-2.1, SBPO2-1 through SBPO2-6 and SBPO2-7 through SBPO2-9) while one or more of the associated booths are in operation. If a condition exists which should result in a response step, the Permittee shall take reasonable response steps. Section C - Response to Excursions or Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition. Failure to take response steps shall be considered a deviation from this permit.

(c) Monthly inspections shall be performed of the coating emissions from the stacks (TLI-1, TLI-2, TLI-3, TLI-4, TLI-5, SP-2.1, SBPO2-1 through SBPO2-6 and SBPO2-7 through SBPO2-9) 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. Section C - Response to Excursions or Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition. Failure to take response steps shall be considered a deviation from this permit.

The above monitoring conditions satisfy the Compliance Assurance Monitoring (CAM) for SP-2, Booths 1 through 5 of TLI coating line, SBPO2-1 through SBPO2-6 and SBPO2-7 through SBPO2-9.

D.1.13 Monitoring

(a) Weekly inspections shall be performed to verify the placement, integrity and particle loading of the dry filters used in conjunction with CD-3.

(b) To monitor the performance of the dry filters, weekly observations shall be made of the overspray from the stacks CD3-1, TLI-6, TLI-7 and TLI-8 while the associated coating facilities with these stacks are in operation. If a condition exists which should result in a response step, the Permittee shall take reasonable response steps. Section C - Response to Excursions or Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition. Failure to take response steps shall be considered a deviation from this permit.

(c) Monthly inspections shall be performed of the coating emissions from the stacks CD3-1, TLI-6, TLI-7 and TLI-8 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. Section C - Response to Excursions or Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition. Failure to take response steps shall be considered a deviation from this permit.

D.1.14 Visible Emissions Notations

(a) Visible emission notations of the EU4; D2-MS1 and D2-MS1-1; DC-3 and DC-4 stack exhausts and SDMC-2A, FDMC-2A, FDMC-2B, CO-4, DCS-2, MS-2, SDMC-2B, and SMCDM-1 stack exhausts, and TLI Cut Out exhaust shall be performed once per day during normal daylight operations when exhausting to the atmosphere. 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. Section C - Response to Excursions or Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition. Failure to take response steps shall be considered a deviation from this permit.

D.1.15 Parametric Monitoring [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)] [40 CFR 64]

(a) The Permittee shall record the pressure drop across the dust collectors, cyclone and baghouse used in conjunction with EU4; D2-APP1; D2-MS1 and D2-MS1-1; PA-1, ~~DH-1,~~ CO-1, CO-2, CO-3, DCS-1, SDMC-2A, FDMC-2A, FDMC-2B, CO-4, DCS-2, MS-2, SDMC-2B, SMCDM-1, CNC-1 and TLI Cut Out at least once per day when any of these facilities are in operation. When, for any one reading, the pressure drop across the baghouse is outside of the normal range, the Permittee shall take reasonable response. The normal range for this unit is a pressure drop between 1.0 and 7.0 inches of water unless a different upper-bound or lower-bound value for this range is determined during the latest stack test. Section C – Response to Excursions and Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition. A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps 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.1.16 Broken or Failed Bag Detection

(a) For a single compartment baghouse 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 baghouse 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 emissions unit. 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).

Bag failure can be indicated by a significant drop in the baghouse'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.

D.1.17 Cyclone Failure Detection

(a) For a cyclone 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 cyclone 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 emissions unit. 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).

Cyclone failure can be indicated by a significant drop in the cyclone'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.1.18 Record Keeping Requirements

(a) To document the compliance status with Condition D.1.3, 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 established in Condition D.1.3. Records necessary to demonstrate compliance shall be available within 30 days of the end of each compliance period.

(1) The VOC content of 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 total VOC usage for each month.

(4) The cleanup solvent usage for each month.

(5) The total VOC usage for each compliance period.

(b) To document the compliance status with Conditions D.1.1(b) and D.1.2, the Permittee shall maintain records in accordance with (1) through (3) below. Records maintained for (1) though (3) shall be taken monthly and shall be complete and sufficient to demonstrate compliance with the PM/PM10 emission limits established in Condition D.1.2.

(1) The amount of each coating material used (as applied). Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used.

(2) The density and weight percent solids of each coating material used (as applied).

(3) The transfer efficiency (TE) of the spray guns used at coating operations listed in Condition D.1.1(b) and D.1.2.

(c) To document the compliance status with Condition D.1.4, the Permittee shall maintain records in accordance with (1) and (2) below. Records maintained for (1) and (2) shall be taken monthly and shall be complete and sufficient to establish compliance with the VOC content limit established in Condition D.1.4. Records necessary to demonstrate compliance shall be available within 30 days of the end of each compliance period.

(1) The VOC content of each coating, as received, and solvent used less water.

(A) Records shall include material safety data sheets (MSDS) necessary to verify the type of coating and solvent used.

(2) The VOC content of each coating, as applied.

(A) Records shall include type and amount of solvent added to each coating for dilution.

(d) To document the compliance status with Condition D.1.12 and D.1.13, the Permittee shall maintain a log of weekly overspray observations, and daily, weekly and monthly inspections.

(e) To document the compliance status with Condition D.1.14, the Permittee shall maintain records of visible emission notations of the EU4; D2-MS1 and D2-MS1-1; DC-3 and DC-4 stack exhausts when vented to atmosphere and SDMC-2A, FDMC-2A, FDMC-2B, CO-4, DCS-2, MS-2, SDMC-2B, and SMCDM-1 stack exhausts and TLI Cut Out exhaust when vented to atmosphere once per day. The Permittee shall include in its daily record when a visible emission notation is not taken and the reason for the lack of a visible emission notation, (i.e. the process did not operate that day).

(f) To document the compliance status with Condition D.1.15, the Permittee shall maintain records once per day of the pressure drop during normal operation when venting to the atmosphere. 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, (i.e. the process did not operate that day).

(g) Section C - General Record Keeping Requirements, of this permit contains the Permittee's obligations with regard to the records required by this condition.

D.1.19 Reporting Requirements

A quarterly summary of the information to document the compliance status with Conditions D.1.1(b), D.1.2, and D.1.3, 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. Section C - General Reporting Requirements contains the Permittee's obligation with regard to the reporting required by this condition. This report requires the certification by a “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)]: SMC Operations subject to NESHAP WWWW

(i) One (1) Sheet Molding Compound (SMC) Production Line, identified as SMC2, installed in 2000, capacity: 18,500 pounds of molding compound per hour, consisting of:

(1) Two (2) calcium carbonate silos, identified as SILO1 and SILO2, each equipped with a baghouse, exhausting through Stacks 25.2 and 25.3, throughput: 8,800 pounds of calcium carbonate per hour, each, capacity: 200,000 pounds of calcium carbonate, each.

(2) Two (2) resin mixers, exhausting through Stack 17.1 and/or Stack 17.2, total throughput: 8,880 pounds of calcium carbonate, 4,700 pounds of resin, 648 pounds of pigment mixture, 130 pounds of release agent, and 74 pounds of catalyst per hour. Under 40 CFR 63 (NESHAP), Subpart WWWW, this unit is considered a sheet molding compound (SMC) manufacturing operation.

(3) One (1) sheet molding compound extruder, exhausting through Stack 17.1 and/or Stack 17.2, throughput 14,432 pounds of materials plus 4,070 pounds of chopped fiberglass strands per hour. Under 40 CFR 63 (NESHAP), Subpart WWWW, this unit is considered a sheet molding compound (SMC) manufacturing operation.

(j) Six (6) sheet molding compound (SMC) presses, identified as Presses 1 through 6, installed in 1989, exhausting inside, capacity: 1,067 pounds of SMC per hour, each. Under 40 CFR 63 (NESHAP), Subpart WWWW, these units are considered sheet molding compound (SMC) manufacturing operations.

(k) One (1) sheet molding compound (SMC) press, identified as Press 7, installed in February 1989, exhausting inside, capacity: 1,067 pounds of SMC per hour. Under 40 CFR 63 (NESHAP), Subpart WWWW, this unit is considered a sheet molding compound (SMC) manufacturing operation.

(l) One (1) sheet molding compound (SMC) press, identified as Press 8, installed in August 1989, exhausting inside, capacity: 1,067 pounds of SMC per hour. Under 40 CFR 63 (NESHAP), Subpart WWWW, this unit is considered a sheet molding compound (SMC) manufacturing operation.

(m) One (1) sheet molding compound (SMC) press, identified as Press 9, installed in March 1999, exhausting inside, capacity: 862.5 pounds of SMC per hour. Under 40 CFR 63 (NESHAP), Subpart WWWW, this unit is considered a sheet molding compound (SMC) manufacturing operation.

(n) Four (4) sheet molding compound (SMC) presses, identified as Presses 11 through 14, installed in 2000, exhausting inside, capacity: 1,067 pounds of SMC per hour, each. Under 40 CFR 63 (NESHAP), Subpart WWWW, these units are considered sheet molding compound (SMC) manufacturing operations.

(o) One (1) sheet molding compound (SMC) press, identified as Press 15, installed in March 2001, exhausting inside, capacity: 1,067 pounds of SMC per hour. Under 40 CFR 63 (NESHAP), Subpart WWWW, this unit is considered a sheet molding compound (SMC) manufacturing operation.

(p) One (1) sheet molding compound (SMC) press, identified as Press 16, installed in May 2001, exhausting inside, capacity: 1,067 pounds of SMC per hour. Under 40 CFR 63 (NESHAP), Subpart WWWW, this unit is considered a sheet molding compound (SMC) manufacturing operation.

(q) One (1) sheet molding compound (SMC) press, identified as Press 17, installed in June 2002, exhausting inside, capacity: 1,067 pounds of SMC per hour. Under 40 CFR 63 (NESHAP), Subpart WWWW, this unit is considered a sheet molding compound (SMC) manufacturing operation.

(r) One (1) sheet molding compound (SMC) press, identified as Press 18, installed in June 2002, exhausting inside, capacity: 1,067 pounds of SMC per hour. Under 40 CFR 63 (NESHAP), Subpart WWWW, this unit is considered a sheet molding compound (SMC) manufacturing operation.

(s) One (1) sheet molding compound (SMC) press, identified as Press 19, installed in July 2002, exhausting inside, capacity: 1,067 pounds of SMC per hour. Under 40 CFR 63 (NESHAP), Subpart WWWW, this unit is considered a sheet molding compound (SMC) manufacturing operation.

(t) One (1) sheet molding compound (SMC) press, identified as Press 20, installed in July 2002, exhausting inside, capacity: 1,067 pounds of SMC per hour. Under 40 CFR 63 (NESHAP), Subpart WWWW, this unit is considered a sheet molding compound (SMC) manufacturing operation.

(u) Five (5) sheet molding compound (SMC) presses, identified as Presses 21 through 25, installed in 2005, exhausting inside, capacity: 1,067 pounds of SMC per hour each and a combined total of 4,826 pounds of SMC per hour. Under 40 CFR 63 (NESHAP), Subpart WWWW, these units are considered sheet molding compound (SMC) manufacturing operations.

Insignificant Activities

(c) Four (4) five thousand (5,000) gallon tanks storing urethane system resin component with VOC emissions less than 3 lb/hr and 15 lbs/day. Under 40 CFR 63 (NESHAP), Subpart WWWW, these units are considered HAP-containing materials storage.

(d) Three (3) five thousand (5,000) gallon tanks storing polymethylene polyphenylisocyanate (poly) with VOC emissions less than 3 lb/hr and 15 lbs/day. Under 40 CFR 63 (NESHAP), Subpart WWWW, these units are considered HAP-containing materials storage.

(e) Six (6) above ground resin storage tanks, identified as Tanks 1 through 6, exhausting through stack 17.1 and/or stack 17.2 capacity: 10,000 gallons each, throughput 4,700 pounds of resin per hour with VOC emissions less than three (3) pounds per hour and fifteen (15) pounds per day. Under 40 CFR 63 (NESHAP), Subpart WWWW, these units are considered HAP-containing materials storage.

(f) Five (5) resin holding tanks consisting of two (2) tanks, identified as A Side-Tank 1 and A Side-Tank 2 capacity: 1,500 gallons of resin each, and three (3) tanks, identified B Side-1 through B Side-3, capacity: 80 gallons of resin, each. Under 40 CFR 63 (NESHAP), Subpart WWWW, these units are considered HAP-containing materials storage. Under 40 CFR 63 (NESHAP), Subpart WWWW, these units are considered HAP-containing materials storage.

(g) One (1) 6,300-gallon tank storing polymethylene polyphenylisocyanate (poly) with VOC emissions less than 3 lb/hr and 15 lbs/day. Under 40 CFR 63 (NESHAP), Subpart WWWW, these units are considered HAP-containing materials storage.

(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 Matter (PM) [326 IAC 6-3]

Pursuant to 326 IAC 6-3-2, the particulate emission rate from SILO1 and SILO2 shall not exceed 11.06 pounds per hour, each, when operating at a process weight rate of 8,800 pounds per hour (4.4 tons per hour), each.

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

Interpolation and extrapolation 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.2.2 PSD Minor Limit [326 IAC 2-2]

Pursuant to 326 IAC 2-2, the PM/PM10 emissions from SILO1 and SILO2 shall not exceed 0.17 pounds per hour, each.

Compliance with the above limits in conjunction with Conditions D.1.1, D.3.4 and D.4.3 and PTE of PM/PM10 from D2-F1, SMC2, SCO-2, D2-OV2, FCO-2, EG-1 and EG-2 will limit source-wide non-fugitive PM/PM10 emissions to less than 250 tons per year. Therefore, this is a minor source under 326 IAC 2-2.

Compliance Determination Requirements

D.2.3 Particulate Control [326 IAC 2-7-6(6)]

(a) In order to comply with Conditions D.2.1 and D.2.2, the baghouses for particulate control shall be in operation and control emissions from SILO1 and SILO2 at all times that these facilities are in operation.

(b) In the event that bag failure is observed in a multi-compartment baghouse, 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.2.4 Visible Emissions Notations

(a) Visible emission notations of the SILO1 and SILO2 stack exhausts (Stacks 25.2 and 25.3) shall be performed once per day during normal daylight operations when exhausting to the atmosphere. 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. Section C - Response to Excursions or Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition. Failure to take response steps shall be considered a deviation from this permit.

D.2.5 Parametric Monitoring [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

(a) The Permittee shall record the pressure drop across the baghouses used in conjunction with SILO1 and SILO2 at least once per day when SILO1 or SILO2 is in operation. When, for any one reading, the pressure drop across the baghouse is outside of the normal range, the Permittee shall take reasonable response. The normal range for this unit is a pressure drop between 1.0 and 7.0 inches of water unless a different upper-bound or lower-bound value for this range is determined during the latest stack test. Section C – Response to Excursions and Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition. A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps 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.2.6 Broken or Failed Bag Detection

(a) For a single compartment baghouse 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 baghouse 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 emissions unit. 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).

Bag failure can be indicated by a significant drop in the baghouse'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.2.7 Record Keeping Requirements

(a) To document the compliance status with Condition D.2.4, the Permittee shall maintain records of visible emission notations of the SILO1 and SILO2 stack exhausts (Stacks 25.2 and 25.3) once per day. The Permittee shall include in its daily record when a visible emission notation is not taken and the reason for the lack of a visible emission notation, (i.e. the process did not operate that day).

(b) To document the compliance status with Condition D.2.5, the Permittee shall maintain records once per day of the pressure drop during normal operation when venting to the atmosphere. 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, (i.e. the process did not operate that day).

(c) Section C - General Record Keeping Requirements, of this permit contains the Permittee's obligations with regard to the records required by this condition.

SECTION D.3 FACILITY OPERATION CONDITIONS

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

(a) Degreasing operations that do not exceed 145 gallons per twelve (12) months, except if subject to 326 IAC 20-6. [326 IAC 8-3-2] [326 IAC 8-3-5]

(b) Grinding and machining operations controlled with sock filter, fabric filters, and a cyclone (TLI DC-1) with a design grain loading of less than or equal to 0.03 grains per actual cubic feet and a gas flow rate less than or equal to 4,000 actual cubic feet per minute, including the following: deburring; buffing; polishing; abrasive blasting; pneumatic conveying; and woodworking. [326 IAC 6-3-2]

(c) Activities with particulate emissions less than 5 lbs/hour or 25 lbs/day, controlled by baghouse:

(1) Three (3) fiberglass skin cut down saws (FS-1, FS-2 and FS-3) [326 IAC 6-3-2].

(2) One (1) sanding booth (FS-4) [326 IAC 6-3-2].

(d) One (1) cold cleaning/degreasing operation, identified as CC-2, approved for construction in 2009, with a maximum solvent usage capacity of 1 gallon per day, and venting inside the building.

(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.3.1 Volatile Organic Compounds (VOC) [326 IAC 8-3-2]

Pursuant to 326 IAC 8-3-2 (Cold Cleaner Operations), for cold cleaning operations constructed after January 1, 1980, the Permittee shall:

(a) Equip the cleaner with a cover;

(b) Equip the cleaner with a facility for draining cleaned parts;

(c) Close the degreaser cover whenever parts are not being handled in the cleaner;

(d) Drain cleaned parts for at least fifteen (15) seconds or until dripping ceases;

(e) Provide a permanent, conspicuous label summarizing the operation requirements;

(f) Store waste solvent only in covered containers and not dispose of waste solvent or transfer it to another party, in such a manner that greater than twenty percent (20%) of the waste solvent (by weight) can evaporate into the atmosphere.

D.3.2 Volatile Organic Compounds (VOC) [326 IAC 8-3-5]

(a) Pursuant to 326 IAC 8-3-5(a) (Cold Cleaner Degreaser Operation and Control), for cold cleaner degreaser operations without remote solvent reservoirs constructed after July 1, 1990, the Permittee shall ensure that the following control equipment requirements are met:

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

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

(B) The solvent is agitated; or

(C) The solvent is heated.

(2) Equip the degreaser with a facility for draining cleaned articles. If the solvent volatility is greater than four and three-tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury or six-tenths (0.6) pounds per square inch) measured at thirty-eight degrees Celsius (38°C) (one hundred degrees Fahrenheit (100°F)), then the drainage facility must be internal such that articles are enclosed under the cover while draining. The drainage facility may be external for applications where an internal type cannot fit into the cleaning system.

(3) Provide a permanent, conspicuous label which lists the operating requirements outlined in subsection (b).

(4) The solvent spray, if used, must be a solid, fluid stream and shall be applied at a pressure which does not cause excessive splashing.

(5) Equip the degreaser with one (1) of the following control devices if the solvent volatility is greater than four and three-tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury or six-tenths (0.6) pounds per square inch) measured at thirty-eight degrees Celsius (38°C) (one hundred degrees Fahrenheit (100°F)), or if the solvent is heated to a temperature greater than forty-eight and nine-tenths degrees Celsius (48.9°C) (one hundred twenty degrees Fahrenheit (120OF)):

(A) A freeboard that attains a freeboard ratio of seventy-five hundredths (0.75) or greater.

(B) A water cover when solvent is used is insoluble in, and heavier than, water.

(C) Other systems of demonstrated equivalent control such as a refrigerated chiller of carbon adsorption. Such systems shall be submitted to the U.S. EPA as a SIP revision.

(b) Pursuant to 326 IAC 8-3-5(b) (Cold Cleaner Degreaser Operation and Control), the owner or operator of a cold cleaning facility construction of which commenced after July 1, 1990, shall ensure that the following operating requirements are met:

(1) Close the cover whenever articles are not being handled in the degreaser.

(2) Drain cleaned articles for at least fifteen (15) seconds or until dripping ceases.

(3) Store waste solvent only in covered containers and prohibit the disposal or transfer of waste solvent in any manner in which greater than twenty percent (20%) of the waste solvent by weight could evaporate.

D.3.3 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 insignificant grinding and machining operations, including FS-1, FS-2, FS-3 and FS-4, shall not exceed an amount determined by the following:

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.3.4 PSD Minor Limit [326 IAC 2-2]

Pursuant to 326 IAC 2-2, the PM/PM10 emissions from each facility listed in the table below shall not exceed its specified limit:

Emission Unit	PM/PM10 limit (pounds per hour)
Grinding and machining operations	1.80
FS-1	0.026
FS-2	0.057
FS-3	0.057
FS-4	0.057

Compliance with the above limits in conjunction with Conditions D.1.1, D.2.2 and D.4.3, and PTE of PM/PM10 from D2-F1, SMC2, SCO-2, D2-OV2, FCO-2, EG-1 and EG-2 will limit source-wide non-fugitive PM/PM10 emissions to less than 250 tons per year. Therefore, this is a minor source under 326 IAC 2-2.

Compliance Determination Requirements

D.3.5 Particulate Control [326 IAC 2-7-6(6)]

(a) In order to comply with Conditions D.3.3 and D.3.4, the particulate control equipped on Grinding and machining operations, FS-1, FS-2, FS-3, FS-4 shall be in operation and control emissions from Grinding and machining operations, FS-1, FS-2, FS-3, FS-1 at all times that these facilities are in operation.

(b) In the event that bag failure is observed in a multi-compartment baghouse, 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.3.6 Visible Emissions Notations

(a) Visible emission notations of the Grinding and machining operations, FS-1, FS-2, FS-3, FS-4 exhausts shall be performed once per week during normal daylight operations when exhausting to the atmosphere. 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. Section C - Response to Excursions or Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition. Failure to take response steps shall be considered a deviation from this permit.

D.3.7 Broken or Failed Cyclone/Bag Detection

(a) For a cyclone/single compartment baghouse 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 cyclone/single compartment baghouse 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 emissions unit. 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).

Cyclone failure can be indicated by a significant drop in the cyclone'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.

Bag failure can be indicated by a significant drop in the baghouse'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.3.8 Record Keeping Requirements

(a) To document the compliance status with Condition D.3.6, the Permittee shall maintain records of visible emission notations of the Grinding and machining operations, FS-1, FS-2, FS-3, FS-4 once per week. The Permittee shall include in its weekly record when a visible emission notation is not taken and the reason for the lack of a visible emission notation, (i.e. the process did not operate that day).

(b) Section C - General Record Keeping Requirements, of this permit contains the Permittee's obligations with regard to the records required by this condition.

SECTION D.4 FACILITY OPERATION CONDITIONS

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

(a) One (1) deflashing station, identified as DF-2, installed in 2009, equipped with a cartridge dust collector for particulate control, exhausting inside the building, capacity: 720 fiberglass door skins per hour or 13,680 pounds per hour.

(b) One (1) deflashing station, identified as DF-1, approved for installation in 2006, equipped with a cartridge dust collector for particulate control, exhausted inside the building, capacity: 720 fiberglass door skins per hour or 13,680 pounds per hour.

(c) One (1) deflashing station, identified as DF-3, approved for construction in 2010, with a maximum throughput capacity of 13,680 pounds per hour, equipped with a cartridge dust collector for particulate control, exhausting to stack SDMC-2.1.

(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.4.1 Particulate [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), the particulate emission rate from each of the deflashing stations (DF-1, DF-2, and DF-3) shall not exceed 14.87 pounds per hour when operating at a process weight rate of 13,680 pounds per hour (6.84 tons per hour). The pound per hour limitation was calculated using 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.4.2 Minor Source Modification (PM and PM10) [326 IAC 2-7-10.5(d)(4)(C)]

Pursuant to 326 IAC 2-7-10.5(d)(4)(C), the PM/PM10 emissions from the deflashing station identified as DF-1 shall not exceed 0.19 pounds per hour.

Compliance with this limit ensures that the PM/PM10 emissions from MSM No. 033-23835-00019, issued on December 13, 2006, are less than twenty-five (25) tons per year.

D.4.3 PSD Minor [326 IAC 2-2]

Pursuant to 326 IAC 2-2, the PM/PM10 emissions from the deflashing stations identified as DF-1, DF-2, DF-3 shall not exceed 0.19, 0.19 and 0.7 pounds per hour, respectively.

Compliance with the above limits in conjunction with Conditions D.1.1, D.2.2 and D.3.4, and PTE of PM/PM10 from D2-F1, SMC2, SCO-2, D2-OV2, FCO-2, EG-1 and EG-2 will limit source-wide non-fugitive PM/PM10 emissions to less than 250 tons per year. Therefore, this is a minor source under 326 IAC 2-2.

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

D.4.4 Particulate Control [326 IAC 2-7-6(6)]

(a) In order to comply with Conditions D.4.1, D.4.2 and D.4.3, the cartridge dust collector for particulate control shall be in operation and control emissions from the associated deflashing station**s** at all times that the associated deflashing**s** station is in operation.

(b) In the event that cartridge 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.4.5 Visible Emissions Notations

(a) Visible emission notations of the deflashing stations' exhaust shall be performed once per day during normal daylight operations when exhausting outside to the atmosphere. 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. Section C- Response to Excursions or Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition. Failure to take response steps shall be considered a deviation from this permit.

D.4.6 Dust Collector Parametric Monitoring [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

(a) The Permittee shall record the pressure drop across the cartridges used in conjunction with the deflashing stations (DF-1 andDF-2) at least once per day when the deflashing stations are in operation. When, for any one reading, the pressure drop across the baghouse is outside of the normal range, the Permittee shall take reasonable response. The normal range for this unit is a pressure drop between 1.0 and 7.0 inches of water unless a different upper-bound or lower-bound value for this range is determined during the latest stack test. Section C - Response to Excursions or Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition. A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps 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.4.7 Broken or Failed Cartridge 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 emissions unit. 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).

Bag failure can be indicated by a significant drop in the baghouse'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 Requirement [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

D.4.8 Record Keeping Requirements

(a) To document the compliance status with Condition D.4.5, the Permittee shall maintain records of visible emission notations of the deflashing stations' exhaust once per day when exhausting to the atmosphere. The Permittee shall include in its daily record when a visible emission notation is not taken and the reason for the lack of a visible emission notation, (i.e. the process did not operate that day).

(b) To document the compliance status with Condition D.4.6, the Permittee shall maintain records once per day of the pressure drop. 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, (i.e. the process did not operate that day).

(c) Section C - General Record Keeping Requirements, of this permit contains the Permittee's obligations with regard to the records required by this condition.

SECTION D.5 Source-Wide VOC Emission Limit

Emissions Unit Description:

(a) One (1) steel door assembly line, identified as A-Line, consisting of following operations, approved for construction in 2009:

(1) One (1) enclosed spray coating operation, identified as SP-2, using airless spray application method, with a maximum capacity of 360 steel doors per hour with 0.14 gallons per steel door coating usage rate, using dry filters for particulate control, and exhausting to stack SP-2.1. Under 40 CFR 63 (NESHAP), Subpart MMMM, this unit is considered a miscellaneous metal parts and products surface coating facility.

(2) One (1) adhesive coating operation, identified as SA-2, with a maximum capacity of 360 steel doors per hour with 0.20 gallons per steel door coating usage rate, without add-on control, and exhausting to stack SA-2.1. Under 40 CFR 63 (NESHAP), Subpart MMMM, this unit is considered a miscellaneous metal parts and products surface coating facility.

(3) One (1) foaming operation, identified as SF-2, with a maximum capacity of 360 steel doors per hour, with no add-on control, and exhausting to stack SF-2.1.

(b) One (1) Door Assembly Line, identified as B-Line, installed in 2000, capacity: 20,250 pounds of doors per hour or 360 doors per hour, consisting of:

(1) One (1) adhesive application station, identified as D2-APP1, without add-on control, exhausting through Stack 18.2, capacity: 43 pounds of adhesive per hour or 360 doors per hour. Under 40 CFR 63 (NESHAP), Subpart PPPP, this unit is considered a plastic parts and products surface coating facility.

(2) One (1) door foam injection system, identified as D2-F1, exhausting through Stack 19.1, capacity: 2,300 pounds of resin and foam insulation per hour or 360 doors per hour.

(c) One (1) fiberglass door assembly line, identified as C-Line, consisting of following operations, approved for construction in 2009:

(1) One (1) adhesive coating operation, identified as FA-2, with a maximum capacity of 360 steel doors per hour with 0.01 gallons per steel door coating usage rate, without add-on control, and exhausting to stack SVFA-2. Under 40 CFR 63 (NESHAP), Subpart PPPP, this unit is considered a plastic parts and products surface coating facility.

(2) One (1) foaming operation, identified as FF-2, with a maximum capacity of 360 steel doors per hour, with no add-on control, and exhausting to stack SVFF-2.

(d) One (1) conveyorized coating line, identified as BPO2, consisting of the following operations, approved in 2011 for construction:

(1) Six (6) coating booths, identified as booths 1 through 6, using airless spray application method, with a maximum capacity of 60 doors per hour, using dry filters for particulate control, and exhausting to stacks SBPO2-1 through SBPO2-6.

(2) Three (3) manual booths, identified as booths 7 through 9, using airless spray application method, with a maximum capacity of 14 doors per hour, using dry filters for particulate control, and exhausting to stacks SBPO2-7 through SBPO2-9.

(g) One (1) spray booth coating operation, approved for construction in 2007, identified as TLI Coating Line, and consisting of:

(1) One (1) automatic line with five (5) paint booths, two (2) electric powered infrared drying banks, and five (5) electric flash stations, individually identified as Booth 1 through Booth 5, IR Drying Banks 1 and 2, and Flash 1 through Flash 5, collectively identified as TLI Automatic Line, with a maximum capacity of 60 doors per hour or 50 patio units per hour, using dry filters as control, and exhausting to stacks TLI-1 through TLI-5, respectively. Under 40 CFR 63 (NESHAP), Subpart MMMM, these units are considered miscellaneous metal parts and products surface coating facilities. Under 40 CFR 63 (NESHAP), Subpart PPPP, these units are considered plastic parts and products surface coating facilities.

(2) Two (2) manual paint booths, identified as TLI Manual Booths (booths 6 and 7), with a combined maximum capacity of 14 units per hour, and using dry filters as control and exhausting to stacks TLI-6 and TLI-7. Under 40 CFR 63 (NESHAP), Subpart MMMM, these units are considered miscellaneous metal parts and products surface coating facilities. Under 40 CFR 63 (NESHAP), Subpart PPPP, these units are considered plastic parts and products surface coating facilities.

(3) One (1) paint kitchen for mixing, handling, and storing paint. Under 40 CFR 63 (NESHAP), Subpart MMMM, this unit is considered a miscellaneous metal parts and products surface coating facility. Under 40 CFR 63 (NESHAP), Subpart PPPP, this unit is considered a plastic parts and products surface coating facility.

(4) One (1) spray booth identified as TLI booth 8, approved for construction in 2010, with a maximum capacity of seven (7) units per hour, and using dry filters for particulate control and exhausting to stack TLI-8. Under 40 CFR 63 (NESHAP), Subpart MMMM, this unit is considered a miscellaneous metal parts and products surface coating facility. Under 40 CFR 63 (NESHAP), Subpart PPPP, this unit is considered a plastic parts and products surface coating facility.

(h) One (1) concrete door adhesive spraying operation, approved for construction in 2007, identified as CD-3, with a maximum capacity of 24 doors per hour, using dry filters as control, and exhausting to Stack CD3-1. Under 40 CFR 63 (NESHAP), Subpart MMMM, this unit is considered a miscellaneous metal parts and products surface coating facility. Under 40 CFR 63 (NESHAP), Subpart PPPP, this unit is considered a plastic parts and products surface coating facility.

(i) One (1) Sheet Molding Compound (SMC) Production Line, identified as SMC2, installed in 2000, capacity: 18,500 pounds of molding compound per hour, consisting of:

(1) Two (2) resin mixers, exhausting through Stack 17.1 and/or Stack 17.2, total throughput: 8,880 pounds of calcium carbonate, 4,700 pounds of resin, 648 pounds of pigment mixture, 130 pounds of release agent, and 74 pounds of catalyst per hour. Under 40 CFR 63 (NESHAP), Subpart WWWW, this unit is considered a sheet molding compound (SMC) manufacturing operation.

(2) One (1) sheet molding compound extruder, exhausting through Stack 17.1 and/or Stack 17.2, throughput 14,432 pounds of materials plus 4,070 pounds of chopped fiberglass strands per hour. Under 40 CFR 63 (NESHAP), Subpart WWWW, this unit is considered a sheet molding compound (SMC) manufacturing operation.

(j) Six (6) sheet molding compound (SMC) presses, identified as Presses 1 through 6, installed in 1989, exhausting inside, capacity: 1,067 pounds of SMC per hour, each. Under 40 CFR 63 (NESHAP), Subpart WWWW, these units are considered sheet molding compound (SMC) manufacturing operations.

(k) One (1) sheet molding compound (SMC) press, identified as Press 7, installed in February 1989, exhausting inside, capacity: 1,067 pounds of SMC per hour. Under 40 CFR 63 (NESHAP), Subpart WWWW, this unit is considered a sheet molding compound (SMC) manufacturing operation.

(l) One (1) sheet molding compound (SMC) press, identified as Press 8, installed in August 1989, exhausting inside, capacity: 1,067 pounds of SMC per hour. Under 40 CFR 63 (NESHAP), Subpart WWWW, this unit is considered a sheet molding compound (SMC) manufacturing operation.

(m) One (1) sheet molding compound (SMC) press, identified as Press 9, installed in March 1999, exhausting inside, capacity: 862.5 pounds of SMC per hour. Under 40 CFR 63 (NESHAP), Subpart WWWW, this unit is considered a sheet molding compound (SMC) manufacturing operation.

(n) Four (4) sheet molding compound (SMC) presses, identified as Presses 11 through 14, installed in 2000, exhausting inside, capacity: 1,067 pounds of SMC per hour, each. Under 40 CFR 63 (NESHAP), Subpart WWWW, these units are considered sheet molding compound (SMC) manufacturing operations.

(o) One (1) sheet molding compound (SMC) press, identified as Press 15, installed in March 2001, exhausting inside, capacity: 1,067 pounds of SMC per hour. Under 40 CFR 63 (NESHAP), Subpart WWWW, this unit is considered a sheet molding compound (SMC) manufacturing operation.

(p) One (1) sheet molding compound (SMC) press, identified as Press 16, installed in May 2001, exhausting inside, capacity: 1,067 pounds of SMC per hour. Under 40 CFR 63 (NESHAP), Subpart WWWW, this unit is considered a sheet molding compound (SMC) manufacturing operation.

(q) One (1) sheet molding compound (SMC) press, identified as Press 17, installed in June 2002, exhausting inside, capacity: 1,067 pounds of SMC per hour. Under 40 CFR 63 (NESHAP), Subpart WWWW, this unit is considered a sheet molding compound (SMC) manufacturing operation.

(r) One (1) sheet molding compound (SMC) press, identified as Press 18, installed in June 2002, exhausting inside, capacity: 1,067 pounds of SMC per hour. Under 40 CFR 63 (NESHAP), Subpart WWWW, this unit is considered a sheet molding compound (SMC) manufacturing operation.

(s) One (1) sheet molding compound (SMC) press, identified as Press 19, installed in July 2002, exhausting inside, capacity: 1,067 pounds of SMC per hour. Under 40 CFR 63 (NESHAP), Subpart WWWW, this unit is considered a sheet molding compound (SMC) manufacturing operation.

(t) One (1) sheet molding compound (SMC) press, identified as Press 20, installed in July 2002, exhausting inside, capacity: 1,067 pounds of SMC per hour. Under 40 CFR 63 (NESHAP), Subpart WWWW, this unit is considered a sheet molding compound (SMC) manufacturing operation.

(u) Five (5) sheet molding compound (SMC) presses, identified as Presses 21 through 25, installed in 2005, exhausting inside, capacity: 1,067 pounds of SMC per hour each and a combined total of 4,826 pounds of SMC per hour. Under 40 CFR 63 (NESHAP), Subpart WWWW, these units are considered sheet molding compound (SMC) manufacturing operations.

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

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

D.5.1 PSD Minor Limit [326 IAC 2-2]

The total sum of VOC usage (including coatings, dilution solvents, and cleaning solvents) at the coating facilities identified as D2-APP1, TLI Coating Line (including the TLI Automatic Line (booths 1-5), TLI Manual Booths (booths 6 & 7), and TLI booth 8), CD-3, SP-2, SA-2, and FA-2, the two (2) foaming operations (FF-2 and SF-2), and the one (1) foam injection system (D2-F1), and VOC emissions from the Sheet Molding Compound Production Line (SMC2) consisting of two (2) resin mixers and one (1) SMC extruder and from the SMC Presses 1 through 25 and BPO2 Line shall not exceed 246 tons per twelve (12) consecutive months period with compliance determined at the end of each month.

Compliance with this emission limit in conjunction with the VOC PTE of SCO-2, D2-OV2, EG-1, EG-2, FCO-2, the sixty-four (64) insignificant combustion units, and the insignificant tanks emissions (including tank T001), will ensure that the source-wide non-fugitive VOC emissions from the entire source are less than 250 tons per year. Therefore, this is a minor source under 326 IAC 2-2.

Compliance Determination Requirements

D.5.2 Volatile Organic Compounds (VOC)

(a) In order to comply with Condition D.5.1, the Permittee shall determine VOC usage (including coatings, dilution solvents, foaming agents and cleaning solvents) for each twelve (12) consecutive months period at each of the following coating facilities: D2-APP1, TLI Coating Line (including the TLI Automatic Line (booths 1-5), TLI Manual Booths (booths 6 & 7), and TLI booth 8), CD-3, SP-2, SA-2, and FA-2, the two (2) foaming operations (FF-2 and SF-2), the one (1) foam injection system (D2-F1) and BPO2 Line.

(b) In order to comply with Condition D.5.1, the VOC emissions from the Sheet Molding Compound Production Line (SMC2) consisting of two (2) resin mixers and one (1) SMC extruder and from the SMC Presses 1 through 25 shall be determined by the following equation:

VOC emissions from the Sheet Molding Compound Production Line (SMC2) consisting of two (2) resin mixers and one (1) SMC extruder and from the SMC Presses 1 through 25 (tons per twelve consecutive months) = ∑ SMC throughput at Presses 1 through 25 and SMC2 (mixers and extruder) (tons per twelve consecutive months) x [% VOC content of the SMC / 100] x [0.03 (fraction of VOC content of the SMC which is emitted)]

D.5.3 Volatile Organic Compounds (VOC) [326 IAC 8-1-4] [326 IAC 8-1-2(a)]

In order to comply with Condition D.5.1, the VOC content and usage of the foaming agents and coating material (including coatings, dilution solvents, and cleaning solvents) used at the coating facilities identified as D2-APP1, TLI Coating Line (including the TLI Automatic Line (booths 1-5), TLI Manual Booths (booths 6 & 7), and TLI booth 8), CD-3, SP-2, SA-2, and FA-2, the two (2) foaming operations (FF-2 and SF-2), the one (1) foam injection system (D2-F1) and BPO2 Line 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.

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

D.5.4 Record Keeping Requirements

(a) To document the compliance status with Conditions D.5.1, D.5.2, and D.5.3 the Permittee shall maintain records in accordance with (1) through (4) below. Records maintained for (1) through (4) shall be taken monthly and shall be complete and sufficient to determine the VOC usage as required in Condition D.5.1 for the coating facilities identified as D2-APP1, TLI Coating Line (including the TLI Automatic Line (booths 1-5), TLI Manual Booths (booths 6 & 7), and TLI booth 8), CD-3, SP-2, SA-2, and FA-2, the two (2) foaming operations (FF-2 and SF-2), the one (1) foam injection system (D2-F1) and BPO2 Line. Records necessary to determine the VOC usage as required in Condition D.5.1 shall be available within 30 days of the end of each compliance period.

(1) The VOC content of each coating material, foaming agents and solvent used.

(2) The amount of coating material, foaming agents 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 total VOC usage for each month.

(4) The total VOC usage for each compliance period.

(b) To document the compliance status with Conditions D.5.1 and D.5.2, the Permittee shall maintain records in accordance with (1) and (2) below. Records maintained for (1) and (2) shall be taken monthly and shall be complete and sufficient to determine the VOC emissions as required in Condition D.5.1 for the Sheet Molding Compound Production Line (SMC2) consisting of two (2) resin mixers and one (1) SMC extruder and from the SMC Presses 1 through 25. Records necessary to demonstrate compliance shall be available within 30 days of the end of each compliance period.

(1) The total SMC throughput at Presses 1 through 25 and SMC2 (mixers and extruder) each month.

(2) The VOC content of each SMC material used at Presses 1 through 25 and SMC2 (mixers and extruder).

(c) Section C - General Record Keeping Requirements, contains the Permittee's obligations with regard to the records required by this condition.

D.5.5 Reporting Requirements

A quarterly summary of the information to document compliance with Conditions D.5.1 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. Section C - General Reporting Requirements contains the Permittee's obligation with regard to the reporting required by this condition. The report submitted by the Permittee does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(34).

SECTION E.1 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description: Door Assembly

(a) One (1) steel door assembly line, identified as A-Line, consisting of following operations, approved for construction in 2009:

(1) One (1) enclosed spray coating operation, identified as SP-2, using airless spray application method, with a maximum capacity of 360 steel doors per hour with 0.14 gallons per steel door coating usage rate, using dry filters for particulate control, and exhausting to stack SP-2.1. Under 40 CFR 63 (NESHAP), Subpart MMMM, this unit is considered a miscellaneous metal parts and products surface coating facility.

(2) One (1) adhesive coating operation, identified as SA-2, with a maximum capacity of 360 steel doors per hour with 0.20 gallons per steel door coating usage rate, without add-on control, and exhausting to stack SA-2.1. Under 40 CFR 63 (NESHAP), Subpart MMMM, this unit is considered a miscellaneous metal parts and products surface coating facility.

(d) One (1) conveyorized coating line, identified as BPO2, consisting of the following operations, approved in 2011 for construction:

(1) Six (6) coating booths, identified as booths 1 through 6, using airless spray application method, with a maximum capacity of 60 doors per hour, using dry filters for particulate control, and exhausting to stacks SBPO2-1 through SBPO2-6.

(2) Three (3) manual booths, identified as booths 7 through 9, using airless spray application method, with a maximum capacity of 14 doors per hour, using dry filters for particulate control, and exhausting to stacks SBPO2-7 through SBPO2-9.

(g) One (1) spray booth coating operation, approved for construction in 2007, identified as TLI Coating Line, and consisting of:

(1) One (1) automatic line with five (5) paint booths, two (2) electric powered infrared drying banks, and five (5) electric flash stations, individually identified as Booth 1 through Booth 5, IR Drying Banks 1 and 2, and Flash 1 through Flash 5, collectively identified as TLI Automatic Line, with a maximum capacity of 60 doors per hour or 50 patio units per hour, using dry filters as control, and exhausting to stacks TLI-1 through TLI-5, respectively. Under 40 CFR 63 (NESHAP), Subpart MMMM, these units are considered miscellaneous metal parts and products surface coating facilities. Under 40 CFR 63 (NESHAP), Subpart PPPP, these units are considered plastic parts and products surface coating facilities.

(2) Two (2) manual paint booths, identified as TLI Manual Booths, with a combined maximum capacity of 14 units per hour, and using dry filters as control. Under 40 CFR 63 (NESHAP), Subpart MMMM, these units are considered miscellaneous metal parts and products surface coating facilities. Under 40 CFR 63 (NESHAP), Subpart PPPP, these units are considered plastic parts and products surface coating facilities.

(3) One (1) paint kitchen for mixing, handling, and storing paint. Under 40 CFR 63 (NESHAP), Subpart MMMM, this unit is considered a miscellaneous metal parts and products surface coating facility. Under 40 CFR 63 (NESHAP), Subpart PPPP, this unit is considered a plastic parts and products surface coating facility.

(4) One (1) spray booth, identified as TLI-8, approved for construction in 2010, with a maximum capacity of seven (7) units per hour, and using dry filters for particulate control. Under 40 CFR 63 (NESHAP), Subpart MMMM, this unit is considered a miscellaneous metal parts and products surface coating facility. Under 40 CFR 63 (NESHAP), Subpart PPPP, this unit is considered a plastic parts and products surface coating facility.

(h) One (1) concrete door adhesive spraying operation, approved for construction in 2007, identified as CD-3, with a maximum capacity of 24 doors per hour, using dry filters as control, and exhausting to Stack CD3-1. Under 40 CFR 63 (NESHAP), Subpart MMMM, this unit is considered a miscellaneous metal parts and products surface coating facility. Under 40 CFR 63 (NESHAP), Subpart PPPP, this unit is considered a plastic parts and products surface coating facility.

(The information describing the process contained in this emissions unit 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)] [40 CFR 63, Subpart MMMM]

E.1.1 General Provisions Relating to National Emission Standards for Hazardous Air Pollutants under 40 CFR Part 63 [326 IAC 20-1] [40 CFR Part 63, Subpart A]

(a) Pursuant to 40 CFR 63.3901, 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 for the surface coating operations, as specified in Table 2 of 40 CFR 63, Subpart MMMM in accordance with schedule in 40 CFR 63, Subpart MMMM.

(b) Pursuant to 40 CFR 63.10, the Permittee shall submit all required notifications and reports to:

Indiana Department of Environmental Management
Compliance Branch, 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, Air Enforcement Branch - Indiana (AE-17J)
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

E.1.2 Miscellaneous Metal Part and Products Surface Coating Requirements [40 CFR Part 63, Subpart MMMM]

Pursuant to 40 CFR Part 63, Subpart MMMM, the Permittee shall comply on and after the initial compliance date: January 2, 2007 with the following provisions of 40 CFR Part 63, Subpart MMMM (included as 'Attachment B'), which are incorporated by reference as 326 IAC 20-80, for the facilities listed in this section:

(1) 40 CFR 63.3880
(2) 40 CFR 63.3881 (a)(1), (a)(2), (b), (d), and (e)
(3) 40 CFR 63.3882
(4) 40 CFR 63.3883 (b), and (d)
(5) 40 CFR 63.3890 (b)(1)
(6) 40 CFR 63.3891 (b)
(7) 40 CFR 63.3892 (a)

(8) 40 CFR 63.3893 (a)
(9) 40 CFR 63.3900 (a)(1), (b)
(10) 40 CFR 63.3901
(11) 40 CFR 63.3910 all except (c)(8)(i)(iii) and (c)(9)
(12) 40 CFR 63.3920 (a)(1), (a)(2), (a)(3), (a)(4), and (a)(6)
(13) 40 CFR 63.3930 all except (c)(2)(4) and (k)
(14) 40 CFR 63.3931
(15) 40 CFR 63.3950
(16) 40 CFR 63.3951
(17) 40 CFR 63.3952
(18) 40 CFR 63.3980
(19) 40 CFR 63.3981
(21) Table 2
(22) Table 3
(23) Table 4

SECTION E.2 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description: Door Assembly

(b) One (1) Door Assembly Line, identified as B-Line, installed in 2000, capacity: 20,250 pounds of doors per hour or 360 doors per hour, consisting of:

(1) One (1) adhesive application station, identified as D2-APP1, without add-on control, exhausting through Stack 18.2, capacity: 43 pounds of adhesive per hour or 360 doors per hour.

(c) One (1) fiberglass door assembly line, identified as C-Line, consisting of following operations, approved for construction in 2009:

(1) One (1) adhesive coating operation, identified as FA-2, with a maximum capacity of 360 steel doors per hour with 0.01 gallons per steel door coating usage rate, without add-on control, and exhausting to a stack.

(d) One (1) conveyorized coating line, identified as BPO2, consisting of the following operations, approved in 2011 for construction:

(1) Six (6) coating booths, identified as booths 1 through 6, using airless spray application method, with a maximum capacity of 60 doors per hour, using dry filters for particulate control, and exhausting to stacks SBPO2-1 through SBPO2-6.

(2) Three (3) manual booths, identified as booths 7 through 9, using airless spray application method, with a maximum capacity of 14 doors per hour, using dry filters for particulate control, and exhausting to stacks SBPO2-7 through SBPO2-9.

(g) One (1) spray booth coating operation, approved for construction in 2007, identified as TLI Coating Line, and consisting of:

(1) One (1) automatic line with five (5) paint booths, two (2) electric powered infrared drying banks, and five (5) electric flash stations, individually identified as Booth 1 through Booth 5, IR Drying Banks 1 and 2, and Flash 1 through Flash 5, collectively identified as TLI Automatic Line, with a maximum capacity of 60 doors per hour or 50 patio units per hour, using dry filters as control, and exhausting to stacks TLI-1 through TLI-5, respectively; and

(2) Two (2) manual paint booths, identified as TLI Manual Booths, with a combined maximum capacity of 14 units per hour, and using dry filters as control.

(3) One (1) paint kitchen for mixing, handling, and storing paint.

(4) One (1) spray booth, identified as TLI-8, approved for construction in 2010, with a maximum capacity of seven (7) units per hour, and using dry filters for particulate control.

(h) One (1) concrete door adhesive spraying operation, approved for construction in 2007, identified as CD-3, with a maximum capacity of 24 doors per hour, using dry filters as control, and exhausting to Stack CD3-1.

(The information describing the process contained in this emissions unit 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)] [40 CFR 63, Subpart PPPP]

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

Pursuant to 40 CFR 63.4480, 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 40 CFR Part 63, Subpart PPPP in accordance with schedule in 40 CFR 63 Subpart PPPP.

E.2.2 Coating of Plastic Parts and Products NESHAP [40 CFR Part 63, Subpart PPPP]

Pursuant to 40 CFR Part 63, Subpart PPPP, the Permittee shall comply with the following provisions of 40 CFR Part 63, Subpart PPPP (included as 'Attachment C'), which are incorporated by reference as 326 IAC 20-81, for the facilities listed in this section:

(1) 40 CFR 63.4480
(2) 40 CFR 63.4481 (a)(1), (a)(2), (b), and (e)
(3) 40 CFR 63.4482
(4) 40 CFR 63.4483 (b) and (d)
(5) 40 CFR 63.4490 (b)(1)
(6) 40 CFR 63.4491 (b)
(7) 40 CFR 63.4492 (a)
(8) 40 CFR 63.4493 (a)
(9) 40 CFR 63.4500 (a)(2) and (b)
(10) 40 CFR 63.4501
(11) 40 CFR 63.4510 all except (c)(8)(i)(iii) and (c)(9)
(12) 40 CFR 63.4520 (a)(1), (a)(2), (a)(3), (a)(4), and (a)(6)
(13) 40 CFR 63.4530 all except (c)(2)(4) and (j)
(14) 40 CFR 63.4531
(15) 40 CFR 63.4550
(16) 40 CFR 63.4551
(17) 40 CFR 63.4552
(18) 40 CFR 63.4580
(19) 40 CFR 63.4581
(20) Table 2
(21) Table 3
(22) Table 4
(23) Appendix A

SECTION E.3 EMISSIONS UNIT OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]: SMC Operations subject to NESHAP WWWW

(i) One (1) Sheet Molding Compound (SMC) Production Line, identified as SMC2, installed in 2000, capacity: 18,500 pounds of molding compound per hour, consisting of:

(1) Two (2) resin mixers, exhausting through Stack 17.1 and/or Stack 17.2, total throughput: 8,880 pounds of calcium carbonate, 4,700 pounds of resin, 648 pounds of pigment mixture, 130 pounds of release agent, and 74 pounds of catalyst per hour. Under 40 CFR 63 (NESHAP), Subpart WWWW, this unit is considered a sheet molding compound (SMC) manufacturing operation.

(2) One (1) sheet molding compound extruder, exhausting through Stack 17.1 and/or Stack 17.2, throughput 14,432 pounds of materials plus 4,070 pounds of chopped fiberglass strands per hour. Under 40 CFR 63 (NESHAP), Subpart WWWW, this unit is considered a sheet molding compound (SMC) manufacturing operation.

(j) Six (6) sheet molding compound (SMC) presses, identified as Presses 1 through 6, installed in 1989, exhausting inside, capacity: 1,067 pounds of SMC per hour, each. Under 40 CFR 63 (NESHAP), Subpart WWWW, these units are considered sheet molding compound (SMC) manufacturing operations.

(k) One (1) sheet molding compound (SMC) press, identified as Press 7, installed in February 1989, exhausting inside, capacity: 1,067 pounds of SMC per hour. Under 40 CFR 63 (NESHAP), Subpart WWWW, this unit is considered a sheet molding compound (SMC) manufacturing operation.

(l) One (1) sheet molding compound (SMC) press, identified as Press 8, installed in August 1989, exhausting inside, capacity: 1,067 pounds of SMC per hour. Under 40 CFR 63 (NESHAP), Subpart WWWW, this unit is considered a sheet molding compound (SMC) manufacturing operation.

(m) One (1) sheet molding compound (SMC) press, identified as Press 9, installed in March 1999, exhausting inside, capacity: 862.5 pounds of SMC per hour. Under 40 CFR 63 (NESHAP), Subpart WWWW, this unit is considered a sheet molding compound (SMC) manufacturing operation.

(n) Four (4) sheet molding compound (SMC) presses, identified as Presses 11 through 14, installed in 2000, exhausting inside, capacity: 1,067 pounds of SMC per hour, each. Under 40 CFR 63 (NESHAP), Subpart WWWW, these units are considered sheet molding compound (SMC) manufacturing operations.

(o) One (1) sheet molding compound (SMC) press, identified as Press 15, installed in March 2001, exhausting inside, capacity: 1,067 pounds of SMC per hour. Under 40 CFR 63 (NESHAP), Subpart WWWW, this unit is considered a sheet molding compound (SMC) manufacturing operation.

(p) One (1) sheet molding compound (SMC) press, identified as Press 16, installed in May 2001, exhausting inside, capacity: 1,067 pounds of SMC per hour. Under 40 CFR 63 (NESHAP), Subpart WWWW, this unit is considered a sheet molding compound (SMC) manufacturing operation.

(q) One (1) sheet molding compound (SMC) press, identified as Press 17, installed in June 2002, exhausting inside, capacity: 1,067 pounds of SMC per hour. Under 40 CFR 63 (NESHAP), Subpart WWWW, this unit is considered a sheet molding compound (SMC) manufacturing operation.

(r) One (1) sheet molding compound (SMC) press, identified as Press 18, installed in June 2002, exhausting inside, capacity: 1,067 pounds of SMC per hour. Under 40 CFR 63 (NESHAP), Subpart WWWW, this unit is considered a sheet molding compound (SMC) manufacturing operation.

(s) One (1) sheet molding compound (SMC) press, identified as Press 19, installed in July 2002, exhausting inside, capacity: 1,067 pounds of SMC per hour. Under 40 CFR 63 (NESHAP), Subpart WWWW, this unit is considered a sheet molding compound (SMC) manufacturing operation.

(t) One (1) sheet molding compound (SMC) press, identified as Press 20, installed in July 2002, exhausting inside, capacity: 1,067 pounds of SMC per hour. Under 40 CFR 63 (NESHAP), Subpart WWWW, this unit is considered a sheet molding compound (SMC) manufacturing operation.

(u) Five (5) sheet molding compound (SMC) presses, identified as Presses 21 through 25, installed in 2005, exhausting inside, capacity: 1,067 pounds of SMC per hour each and a combined total of 4,826 pounds of SMC per hour. Under 40 CFR 63 (NESHAP), Subpart WWWW, these units are considered sheet molding compound (SMC) manufacturing operations.

Insignificant Activities

(c) Four (4) five thousand (5,000) gallon tanks storing urethane system resin component with VOC emissions less than 3 lb/hr and 15 lbs/day. Under 40 CFR 63 (NESHAP), Subpart WWWW, these units are considered HAP-containing materials storage.

(d) Three (3) five thousand (5,000) gallon tanks storing polymethylene polyphenylisocyanate (poly) with VOC emissions less than 3 lb/hr and 15 lbs/day. Under 40 CFR 63 (NESHAP), Subpart WWWW, these units are considered HAP-containing materials storage.

(e) Six (6) above ground resin storage tanks, identified as Tanks 1 through 6, exhausting through stack 17.1 and/or stack 17.2 capacity: 10,000 gallons each, throughput 4,700 pounds of resin per hour with VOC emissions less than three (3) pounds per hour and fifteen (15) pounds per day. Under 40 CFR 63 (NESHAP), Subpart WWWW, these units are considered HAP-containing materials storage.

(f) Five (5) resin holding tanks consisting of two (2) tanks, identified as A Side-Tank 1 and A Side-Tank 2 capacity: 1,500 gallons of resin each, and three (3) tanks, identified B Side-1 through B Side-3, capacity: 80 gallons of resin, each. Under 40 CFR 63 (NESHAP), Subpart WWWW, these units are considered HAP-containing materials storage. Under 40 CFR 63 (NESHAP), Subpart WWWW, these units are considered HAP-containing materials storage.

(g) One (1) 6,300-gallon tank storing polymethylene polyphenylisocyanate (poly) with VOC emissions less than 3 lb/hr and 15 lbs/day. Under 40 CFR 63 (NESHAP), Subpart WWWW, these units are considered HAP-containing materials storage.

(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)] [40 CFR 63, Subpart WWWW]

E.3.1 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.3.2 NESHAP WWWW Requirements [40 CFR Part 63, Subpart WWWW]

Pursuant to CFR Part 63, Subpart WWWW, the Permittee shall comply with the following provisions (included as 'Attachment A'), which are incorporated by reference as 326 IAC 20-56, for the Sheet Molding Compound (SMC) Production Line, identified as SMC2, the SMC presses (Presses 1 through 9 and 11 through 25), and equipment cleaning, cleaning of materials used in reinforced plastic composites manufacture, mixing, and HAP-containing material storage.:

(1) 63.5780
(2) 63.5785 (a)
(3) 63.5790 (a), (b) and (c)
(4) 63.5795 (a)(1) and (a)(2), (b)
(5) 63.5797 (a), (b) and (c)
(6) 63.5800
(7) 63.5805 (a), (b) and (g)
(8) 63.5835 (a) and (c)
(9) 63.5840
(10) 63.5860 (a)
(11) 63.5900 (a)(4), (b) and (c)
(12) 63.5905
(13) 63.5910 (a), (b), (c)(1) through (c)(5), (d), (g), (h) and (i)
(14) 63.5915 (a) and (d)
(15) 63.5920
(16) 63.5925
(17) 63.5930
(18) 63.5935

SECTION E.4 FACILITY OPERATION CONDITIONS

Emissions Unit Description:

(j) One (1) natural gas-fired reciprocating emergency generator, identified as EG-1, rated at fifty (50) kW (~67 HP), (ordered in October 2010), and approved in 2010 for construction. The diesel generator, identified as EG-1, is considered an affected facility under the NSPS for Stationary Compression Ignition Internal Combustion Engines (40 CFR 60, Subpart IIII) and a new stationary reciprocating internal combustion engine at an area source of hazardous air pollutants under NESHAP for Stationary Reciprocating Internal Combustion Engines (40 CRF 63, Subpart ZZZZ).

(k) One (1) diesel fuel-fired compression ignition emergency generator for fire suppression system, identified as EG-2 rated at fifty (350) kilowatt (kW) (~469.2 HP), in stalled in 2005. EG-2, is considered an existing affected facility under the NSPS for Stationary Compression Ignition Internal Combustion Engines (40 CFR 60, Subpart IIII) and an existing stationary reciprocating internal combustion engine at an area source of hazardous air pollutants under NESHAP for Stationary Reciprocating Internal Combustion Engines (40 CRF 63, Subpart ZZZZ).

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

National Emission Standards for Hazardous Air Pollutants (NESHAP) for Stationary Reciprocating Internal Combustion Engines [40 CFR 63, Subpart ZZZZ] [326 IAC 2-7-5(1)]

E.4.1 National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines [40 CFR 63, Subpart ZZZZ][326 IAC 20-82]

The Permittee, which owns or operates stationary Reciprocating Internal Combustion Engines, shall comply with the following provisions of 40 CFR Part 63, Subpart ZZZZ, which are incorporated by reference as 326 IAC 20-82:

(1) 40 CFR 63.6580
(2) 40 CFR 63.6585
(3) 40 CFR 63.6590(a)(2)(ii) and (c) (EG-1 only)
(4) 40 CFR 63.6590(a)(1)(ii) and (c) (EG-2 only)
(5) 40 CFR 63.6595(a)(5)
(6) 40 CFR 63.6665
(7) 40 CFR 63.6670
(8) 40 CFR 63.6675

The entire text of 40 CFR 63, Subpart ZZZZ, is included as Attachment D of this permit.

New Source Performance Standards (NSPS) for Stationary Compression Ignition Internal Combustion Engines [40 CFR 60, Subpart IIII] [326 IAC 2-7-5(1)]

E.4.2 General Provisions Relating to NSPS [40 CFR 60, Subpart A][326 IAC 12-1]

(a) Pursuant to 40 CFR 60.1, the Permittee shall comply with the provisions of 40 CFR Part 60, Subpart A - General Provisions, which are incorporated by reference as 326 IAC 12-1, except as otherwise specified in 40 CFR 60, Subpart IIII.

(b) Pursuant to 40 CFR 60.10, the Permittee shall submit all required notifications and reports 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

E.4.3 New Source Performance Standard for Stationary Compression Ignition Internal Combustion Engines [40 CFR 60, Subpart IIII][326 IAC 12]

The Permittee, which owns or operates stationary compression ignition internal combustion engines, shall comply with the following provisions of 40 CFR Part 60, Subpart IIII, which are incorporated by reference as 326 IAC 12:

(1) 40 CFR 60.4200(a)(2),
(2) 40 CFR 60.4205(b)
(3) 40 CFR 60.4206
(4) 40 CFR 60.4207
(5) 40 CFR 60.4208
(6) 40 CFR 60.4209
(7) 40 CFR 60.4211(a), (c), (e)
(8) 40 CFR 60.4214(b)
(9) 40 CFR 60.4218
(10) 40 CFR 60.4219

The entire text of 40 CFR 60, Subpart IIII, is included as Attachment E of this permit.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY

PART 70 OPERATING PERMIT CERTIFICATION

Source Name: Therma Tru Corporation
Source Address: 601 RE Jones Road, Butler, Indiana 46721
Part 70 Permit No.: T 033-30711-00019

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
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
Phone: 317-233-0178
Fax: 317-233-6865

PART 70 OPERATING PERMIT
EMERGENCY OCCURRENCE REPORT

Source Name: Therma Tru Corporation
Source Address: 601 RE Jones Road, Butler, Indiana 46721
Part 70 Permit No.: T 033-30711-00019

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

☐ This is an emergency as defined in 326 IAC 2-7-1(12)
- ☐ The Permittee must notify the Office of Air Quality (OAQ), no later than four (**4**) business hours (1-800-451-6027 or 317-233-0178, ask for Compliance Section); and
- ☐ The Permittee must submit notice in writing or by facsimile no later than 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: _____

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

Part 70 Quarterly Report

Source Name: Therma Tru Corporation
Source Address: 601 RE Jones Road, Butler, Indiana 46721
Part 70 Permit No.: T 033-30711-00019
Facilities: TLI Coating Line
Parameter: Input of VOC
Limit: Total VOC input including coatings, dilution solvents, and cleaning solvents for the TLI Coating Line shall be less than a total of twenty-five (25) tons per twelve (12) consecutive month period with compliance determined at the end of each month.

YEAR: _____

Month	Input of VOC (tons)	Input of VOC (tons)	Input of VOC (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: _____

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

Part 70 Quarterly Report

Source Name: Therma Tru Corporation
Source Address: 601 RE Jones Road, Butler, Indiana 46721
Part 70 Permit No.: T 033-30711-00019
Facilities: TLI Coating Line and CD-3
Parameter: PM / PM_{10} Emissions
Limit: Total PM / PM_{10} emissions for the TLI Coating Line and CD-3 shall be less than a total of fifteen (15) tons per twelve (12) consecutive month period with compliance determined at the end of each month.

YEAR: _____

Month	PM / PM-10 Emissions (tons)	PM / PM-10 Emissions (tons)	PM / PM-10 Emissions (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: _____

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

Part 70 Quarterly Report

Source Name: Therma Tru Corporation
Source Address: 601 RE Jones Road, Butler, Indiana 46721
Part 70 Permit No.: T 033-30711-00019
Facilities: D2-APP1, TLI Coating Line (including the TLI Automatic Line (booths 1-5), TLI Manual Booths (booths 6 & 7), and TLI booth 8), CD-3, SP-2, SA-2, FA-2, the two (2) foaming operations (FF-2 and SF-2), and the one (1) foam injection system (D2-F1), SMC Presses 1 through 25 and SMC2 (mixers and extruder) and BPO2 Line.
Parameter: The total sum of VOC usage (including coatings, dilution solvents, and cleaning solvents) at the coating facilities D2-APP1, TLI Coating Line (including the TLI Automatic Line (booths 1-5), TLI Manual Booths (booths 6 & 7), and TLI booth 8), CD-3, SP-2, SA-2, FA-2, the two (2) foaming operations (FF-2 and SF-2), and the one (1) foam injection system (D2-F1), and VOC emissions from SMC Presses 1 through 25, SMC2 (mixers and extruder) and BPO2 Line.
Limit: 246 tons per twelve (12) consecutive month period

YEAR: _____

Month	Total Input of VOC to the coating facilities D2-APP1, TLI Coating Line (booths 1- 8), CD-3, SP-2, SA-2, FA-2, FF-2, SF-2, D2-F1 (tons), and BPO2 Line		Total VOC emissions from the SMC Presses 1 through 25 and SMC2 (mixers and extruder) (tons)		VOC Emissions (tons)
	This Month	Previous 11 Months	This Month	Previous 11 Months	12 Month Total
	A	B	C	D	=A+B+C+D

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

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

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

Part 70 Quarterly Report

Source Name: Therma Tru Corporation
Source Address: 601 RE Jones Road, Butler, Indiana 46721
Part 70 Permit No.: T 033-30711-00019
Facilities: TLI Coating Line (Booths 1-8), SP-2, BPO2 Line and CD-3
Parameter: PM/PM10 Emissions
Limit: Shall not exceed 78 tons per twelve (12) consecutive month period with compliance determined at the end of each month.

YEAR: _____

Month	PM/PM10 Emissions (tons)	PM/PM10 Emissions (tons)	PM/PM10 Emissions (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: _____

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: Therma Tru Corporation
Source Address: 601 RE Jones Road, Butler, Indiana 46721
Part 70 Permit No.: T 033-30711-00019

Months: _____ to _____ Year: _____

This report shall be submitted quarterly based on a calendar year. Any deviation from the requirements of this permit, 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: _____

Indiana Department of Environmental Management
Office of Air Quality

Technical Support Document (TSD) for a Part 70 Significant Source and Significant Permit Modification

Source Description and Location

Source Name:	Therma Tru Corporation
Source Location:	601 RE Jones Road, Butler, IN 46721
County:	DeKalb
SIC Code:	3089 and 3442
Permit Renewal No.:	T033-30711-00019
Issuance Date:	February 3, 2012
Significant Source Modification No.:	033-31962-00019
Significant Permit Modification No.:	033-31988-00019
Permit Reviewer:	Madhurima Moulik

Existing Approvals

The source was issued Part 70 Operating Permit No. T033-30711-00019 on February 3, 2012.

County Attainment Status

The source is located in DeKalb County.

Pollutant	Designation
SO_2	Better than national standards.
CO	Unclassifiable or attainment effective November 15, 1990.
O_3	Unclassifiable or attainment effective June 15, 2004, 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.

[1]Unclassifiable or attainment effective October 18, 2000, for the 1-hour ozone standard which was revoked effective June 15, 2005.

Unclassifiable or attainment effective April 5, 2005, for $PM_{2.5}$.

(a) Ozone Standards

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. DeKalb 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) $PM_{2.5}$

DeKalb 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. These rules became effective on July 15, 2008. On May 4, 2011, the air pollution control board issued an emergency rule establishing the direct $PM_{2.5}$ significant

level at ten (10) tons per year. This rule became effective June 28, 2011. Therefore, direct $PM_{2.5}$ and SO_2 emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2. See the State Rule Applicability – Entire Source section.

(c) Other Criteria Pollutants
DeKalb County has been classified as attainment or unclassifiable in Indiana for all other criteria pollutants. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

Fugitive Emissions

Since this type of operation is not one (1) of the twenty-eight (28) listed source categories under 326 IAC 2-2 or 326 IAC 2-7, and there is no applicable New Source Performance Standard that was in effect on August 7, 1980, fugitive emissions are not counted toward the determination of PSD 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	247.9
PM_{10}	247.9
$PM_{2.5}$	247.9
SO_2	0.86
VOC	<250
CO	2.74
NO_X	14.71
GHGs as CO_2e	47,783
HAPs	>10/25

(a) This existing source is not a major stationary source, under PSD (326 IAC 2-2), because no regulated pollutant, excluding GHGs, is emitted at a rate of two hundred fifty (250) tons per year or more, emissions of GHGs are less than one hundred thousand (100,000) tons of CO_2 equivalent emissions (CO_2e) per year, and it is not one of the twenty-eight (28) listed source categories, as specified in 326 IAC 2-2-1(ff)(1).

(b) 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).

Description of Proposed Modification

The Office of Air Quality (OAQ) has reviewed a source modification application, submitted by Therma Tru Corporation on May 30, 2012, relating to the installation of a new CNC operation and dust collectors. In addition, the Permittee has requested the reconfiguration of some control devices and correction of some equipment descriptions. The following is a list of the proposed emission units and pollution control devices:

(a) One (1) CNC operation for machining hinges, slots, lock openings and window openings in doors, permitted in 2012, identified as CNC-1, with a maximum throughput capacity of 975 pounds per hour and processing 18 units per hour, exhausting to dust collector DC3.

The Permittee has requested the reconfiguration of some control devices and correction of some equipment descriptions. Emissions from existing sources CO-1, CO-2, PA-1, and CO-4 will be re-routed to a new dust collector DC4. Emissions from existing units PA-2 and CO-3 and proposed unit CNC-1 will be exhausted through dust collector DC3. In addition, emission unit DH-1, which was earlier controlled by DC3 has been removed from the source and will be deleted from the permit.

Enforcement Issues

There are no pending enforcement actions related to this modification.

Emission Calculations

See Appendix A of this Technical Support Document for detailed emission calculations.

Permit Level Determination – Part 70

Pursuant to 326 IAC 2-1.1-1(16), Potential to Emit is defined as "the maximum capacity of a stationary source or emission unit to emit any air pollutant under its physical and operational design. Any physical or operational limitation on the capacity of a source to emit an air pollutant, including air pollution control equipment and restrictions on hours of operation or type or amount of material combusted, stored, or processed shall be treated as part of its design if the limitation is enforceable by the U. S. EPA, IDEM, or the appropriate local air pollution control agency."

The following table is used to determine the appropriate permit level under 326 IAC 2-7-10.5. This table reflects the PTE before controls. Control equipment is not considered federally enforceable until it has been required in a federally enforceable permit.

Increase in PTE Before Controls of the Modification	
Pollutant	**Potential To Emit** (ton/yr)
PM	43.36
PM_{10}	43.36
$PM_{2.5}$	43.36
SO_2	---
VOC	---
CO	---
NO_X	---
Single HAPs	<10
Total HAPs	<25

Appendix A of this TSD reflects the unrestricted potential emissions of the modification.

This source modification is subject to significant source modification rules because the PM and PM-10 emissions are greater than 25 tons per year, which exceeds the threshold for a minor source modification under 326 IAC 2-7-10.5(e)(3)(B). Additionally, the modification will be incorporated into the Part 70 Operating Permit through a significant permit modification issued pursuant to 326 IAC 2-7-12(d) because this modification involves a case-by-case determination of an emission limitation under 326 IAC 2-2 and therefore, pursuant to 326 IAC 2-7-12(b)(1)(C)(i), does not qualify for a minor permit modification.

Permit Level Determination – PSD

The table below summarizes the potential to emit, reflecting all limits, of the emission units. Any control equipment is considered federally enforceable only after issuance of this Part 70 permit modification, and only to the extent that the effect of the control equipment is made practically enforceable in the permit.

	Potential to Emit (ton/yr)**							
Emission Unit / Control Device	**PM**	**PM_{10}**	**$PM_{2.5}$***	**SO_2**	**VOC**	**CO**	**NO_X**	**GHGs**
SDMC-2A	7.88	7.88	7.88	0.86	246 (see 1)	2.74 (see 1)	14.71 (see 1)	<100,000 (see 1)
SDMC-2B	0.44	0.44	0.44					
DF-1, DF-2, DF-3	4.73	4.73	4.73					
Surface Coating – TLI Coating, A-Line, BPO2, CD3	78.0	78.0	78.0					
EU-4	70.82	70.82	70.82					
D2-MS1 (DC2 Control Device)	11.13	11.13	11.13					
FDMC-2A	11.13	11.13	11.13					
FDMC-2B	7.88	7.88	7.88					
DCS-1	2.80	2.80	2.80					
DCS-2	1.40	1.40	1.40					
MS-2	2.15	2.15	2.15					
TLI Cutout	15.0	15.0	15.0					
SILO1, SILO2	1.49	1.49	1.49					
FS-1, FS-2, FS-3, FS-4, Grinding and Machining Operations	8.75	8.75	8.75					
PA-2, CO-3, CNC-1 **(DC3 Control Device)**	2.73	2.73	2.73	---	---	---	---	---
CO-4, PA-1, CO-1, CO-2 **(DC4 Control Device)**	6.72	6.72	6.72	---	---	---	---	---
Source-wide totals after modification	233.05	233.05	233.05	0.86	<250	2.74	14.71	<100,000
PSD Major Source Thresholds	250	250	250	250	250	250	250	100,000 CO_2e

*$PM_{2.5}$ listed is direct $PM_{2.5}$.
** Emissions for permitted units based on PSD minor limits in sections D.1, D.2, D.3, D.4
(1) Source-wide emissions for existing units prior to SSM 033-31962-00019

This existing minor stationary source under 326 IAC 2-2 remains a minor source because the source-wide emissions after the modification are less than the PSD major source thresholds. Therefore, pursuant to 326 IAC 2-2, the PSD requirements do not apply.

Federal Rule Applicability Determination

NSPS:

(a) There are no New Source Performance Standards (NSPS) (326 IAC 12 and 40 CFR Part 60) applicable to the proposed emission units.

NESHAP:

(b) There are no National Emission Standards for Hazardous Air Pollutants (NESHAPs) (326 IAC 14, 326 IAC 20 and 40 CFR Part 63) applicable to the proposed emission units.

(d) Pursuant to 40 CFR 64.2, Compliance Assurance Monitoring (CAM) is applicable to each new or modified emission unit that meets the following criteria:

(1) has a potential to emit before controls equal to or greater than the Part 70 major source threshold for the pollutant involved;

(2) is subject to an emission limitation or standard for that pollutant; and

(3) uses a control device, as defined in 40 CFR 64.1, to comply with that emission limitation or standard.

The following table is used to identify the applicability of each of the criteria, under 40 CFR 64.1, to each new or modified emission unit involved:

CAM Applicability Analysis							
Emission Unit	**Control Device Used**	**Emission Limitation** (Y/N)	**Uncontrolled PTE** (ton/yr)	**Controlled PTE** (ton/yr)	**Part 70 Major Source Threshold** (ton/yr)	**CAM Applicable** (Y/N)	**Large Unit** (Y/N)
CNC-1	Dust Collector	Y	<100	<100	100	N	N

Based on this evaluation, the requirements of 40 CFR Part 64, CAM are not applicable to any of the new units as part of this modification.

State Rule Applicability Determination

326 IAC 2-2 (PSD)

The proposed emission unit CNC-1 exhausts through dust collector DC3, and is subject to a PSD minor limitation for particulate matter of 2.73 tons per year. Compliance with this limit, in conjunction with particulate emission limitations for all other emission units at this source, shall ensure that the source-wide emission limitation is less than 250 tons per twelve (12) consecutive month period, with compliance determined at the end of the month, rendering 326 IAC 2-2 not applicable to the source or to this modification.

326 IAC 2-4.1 (Major Sources of Hazardous Air Pollutants (HAP))

The operation of the proposed emission units has no HAP emissions. Therefore, 326 IAC 2-4.1 does not apply.

326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes)

Pursuant to 326 IAC 6-3-2, the particulate matter (PM) from the proposed unit CNC-1 shall not exceed 2.35 pounds per hour when operating at a process weight rate of 0.4875 tons per hour. The pound per hour limitation was calculated with the following equation:

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

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

The dust collector DC3 shall be in operation at all times CNC-1 is in operation, in order to comply with this limit.

Compliance Determination and Monitoring Requirements

Permits issued under 326 IAC 2-7 are required to ensure that sources can demonstrate compliance with all applicable state and federal rules on a continuous basis. All state and federal rules contain compliance provisions; however, these provisions do not always fulfill the requirement for a continuous demonstration. When this occurs, IDEM, OAQ, in conjunction with the source, must develop specific conditions to satisfy 326 IAC 2-7-5. As a result, Compliance Determination Requirements are included in the permit. The Compliance Determination Requirements in Section D of the permit are those conditions that are found directly within state and federal rules and the violation of which serves as grounds for enforcement action.

If the Compliance Determination Requirements are not sufficient to demonstrate continuous compliance, they will be supplemented with Compliance Monitoring Requirements, also in Section D of the permit. Unlike Compliance Determination Requirements, failure to meet Compliance Monitoring conditions would serve as a trigger for corrective actions and not grounds for enforcement action. However, a violation in relation to a compliance monitoring condition will arise through a source's failure to take the appropriate corrective actions within a specific time period.

The Compliance Determination Requirements applicable to this modification are as follows:

(1) The proposed emission unit CNC-1 is subject to particulate matter emissions limitations under 326 IAC 2-2 and 326 IAC 6-3-2. The unit CNC-1 shares dust collector DC-3 with emission units PA-2 and CO-3. In order to demonstrate compliance with the emission limitations, a testing requirement has been added for DC-3.

(2) The emission units PA-1, CO-1, CO-2, CO-4, and miscellaneous TLI machining operations will be re-routed to dust collector DC-4, and is subject to PSD minor and 326 IAC 6-3-2 limitations for particulate matter. In order to demonstrate compliance with the emission limitations, a testing requirement has been added for DC-4.

(3) In order to comply with the emission limitations under PSD and 326 IAC 6-3-2, the dust collectors DC-3 and DC-4 shall be in operation whenever the associated emission units are in operation.

The compliance monitoring requirements applicable to this modification are as follows:

The Permittee is subject to monitoring requirements for DC-3 and DC-4 in order to demonstrate compliance with the emission limitations under 326 IAC 2-2 and 326 IAC 6-3-2. Dust collectors DC-3 and DC-4 are subject to visible emissions notations and parametric monitoring requirements.

Proposed Changes

The changes listed below have been made to Part 70 Operating Permit No. T033-30711-00019 issued on February 3, 2012. Deleted language appears as ~~strikethroughs~~ and new language appears in **bold**:

(a) Section A.2 has been modified to include the proposed emission unit CNC-1 and control device DC4, and to make changes related to the reconfiguration of emission units and their control devices.

(b) The facility description in Section D.1 has been modified as follows:

(1) The proposed emission units and control device configuration have been incorporated.
(2) De-flashing stations DF-1, DF-2, and DF-3 have been deleted, as the permit terms and conditions for these units are already included in Section D.4.

(c) Condition D.1.1 - PSD Minor Limit [326 IAC 2-2] has been modified to include PSD minor limits for the new emission unit CNC-1, and for the reconfigured emission units/control devices. The PSD minor limit for DH-1, which has been removed from the source, has been deleted.

(d) Condition D.1.7 - Particulate [326 IAC 6-3-2] has been modified to incorporate the particulate matter limitations under 326 IAC 6-3-2. In addition, the limit for DH-1 has been deleted.

(e) Condition D.1.11 - Testing Requirement has been modified to include testing requirements for the dust collectors DC-3 and DC-4.

(f) Condition D.1.14 - Visible Emissions Notations has been modified to included compliance monitoring requirements for DC-3 and DC-4 stack exhausts.

(g) Conditions D.1.15 and D.2.5 - Parametric Monitoring have been modified for clarification purposes.

(h) Condition D.1.8 - Recordkeeping Requirements has been modified to include recordkeeping requirements for DC-3 and DC-4.

(i) Conditions E.1.3 and E.2.3 listing the one-time deadlines for NESHAP Subpart MMMM and Subpart PPPP have been deleted as the deadlines are already included in the NESHAP attachments to the permit.

(j) Sections A.3 and E.4 have been modified since the Permittee has informed IDEM that the emergency generator EG-1 is natural gas-fired and does not combust diesel.

(k) The reporting forms at the end of the permit have been amended to correct a typographical error where the old permit number (Part 70 first renewal no. T033-17564-00019) has been replaced with the permit renewal no. (second renewal no. T033-30711-00019).

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

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

(a) One (1) steel door assembly line, identified as A-Line, consisting of the following operations, approved for construction in 2009:

….

(d) One (1) conveyorized coating line, identified as BPO2, consisting of the following operations, approved in 2011 for construction:

(1) Six (6) coating booths, identified as booths 1 through 6, using airless spray application method, with a maximum capacity of 60 doors per hour, using dry filters for particulate control, and exhausting to stacks SBPO2-1 through SBPO2-6.

(2) Three (3) manual booths, identified as booths 7 through 9, using airless spray application method, with a maximum capacity of 14 doors per hour, using dry filters for particulate control, and exhausting to stacks SBPO2-7 through SBPO2-9.

(e) Machining centers ~~connected to dust collector DC3 and exhausting to stack DC3-1,~~ as follows:

Connected to dust collector DC3 and exhausting to stack DC3-1:

(1) ~~Two (2)~~ **One (1)** CNC Thermwood machining center~~s~~ for Patio Doors, identified as **PA-2** ~~PA-1~~, installed in 2006, capacity: 11.25 patio door units per hour, each.

(2) ~~Three (3)~~ **One (1)** KVAL cutout machine~~s~~, identified as ~~CO-1, CO-2 and~~ CO-3, installed in ~~1993, 2005 and~~ 2000~~, respectively~~, capacity: 50 units per hour~~, each~~.

~~(3) One (1) Door Hinger, identified as DH-1, installed prior to 1991, capacity: 15.63~~

~~doors per hour.~~

(3) One (1) CNC operation for machining hinges, slots, lock openings and window openings in doors, permitted in 2012, identified as CNC-1, with a maximum throughput capacity of 975 pounds per hour and processing 18 units per hour.

Connected to dust collector DC4 and exhausting to stack DC4-1:

(5) One (1) CNC Thermwood machining center for Patio Doors, identified as PA-1, installed in 2006, capacity: 11.25 patio door units per hour, each.

(6) Two (2) KVAL cutout machines, identified as CO-1 and CO-2, installed in 1993 and 2005, respectively, capacity: 50 units per hour, each.

(7) One (1) cutout machine, identified as CO-4, approved for construction in 2009, with a maximum throughput capacity of 2,450 pounds per hour.

(8) Miscellaneous TLI machining operations, permitted in 2010.

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) Degreasing operations that do not exceed 145 gallons per twelve (12) months, except if subject to 326 IAC 20-6. [326 IAC 8-3-2] [326 IAC 8-3-5]

....

(j) One (1) **natural gas-fired** ~~diesel fuel-fired~~ reciprocating emergency generator, identified as EG-1 rated at fifty (50) kW (~67 HP), (ordered in October 2010), and approved in 2010 for construction. The diesel generator, identified as EG-1, is considered an affected facility under the NSPS for Stationary Compression Ignition Internal Combustion Engines (40 CFR 60, Subpart IIII) and a new stationary reciprocating internal combustion engine at an area source of hazardous air pollutants under NESHAP for Stationary Reciprocating Internal Combustion Engines (40 CRF 63, Subpart ZZZZ).

(k) One (1) diesel fuel-fired compression ignition emergency generator for fire suppression system, identified as EG-2 rated at fifty (350) kilowatt (kW) (~469.2 HP), in stalled in 2005. EG-2, is considered an existing affected facility under the NSPS for Stationary Compression Ignition Internal Combustion Engines (40 CFR 60, Subpart IIII) and an existing stationary reciprocating internal combustion engine at an area source of hazardous air pollutants under NESHAP for Stationary Reciprocating Internal Combustion Engines (40 CRF 63, Subpart ZZZZ).

SECTION D.1 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description: Door Assembly

(a) One (1) steel door assembly line, identified as A-Line, consisting of the following operations, approved for construction in 2009:

…….

(5) One (1) boring operation, identified as SDMC-2A, with maximum throughput capacity of 16,200 pounds per hour, using a cyclone for particulate control, and exhausting to stack SDMC-2.1.

....

(7) One (1) machining station, identified as EU4, installed in 1989, using a cyclone for particulate emission control and exhausting to Stack SDMC-2.1, capacity: 360 doors per hour and 16,200 pounds per hour, consisting of the following:

~~(A) One (1) deflashing station, identified as DF-3, approved for construction in 2010, with a maximum throughput capacity of 13,680 pounds per hour, equipped with a cartridge dust collector for particulate control, exhausting to stack SDMC-2.1.~~

(b) One (1) Door Assembly Line, identified as B-Line, installed in 2000, capacity: 20,250 pounds of doors per hour or 360 doors per hour, consisting of:

.....

(4) One (1) door machining station, identified as D2-MS1, including an online boring center (D2-MS1-1), equipped with a baghouse and cyclone connected in series, identified as DC2, exhausting through Stack 20.1, capacity: 360 doors per hour or 18,000 pounds per hour.

~~(5) One (1) deflashing station, identified as DF-1, approved for installation in 2006, equipped with a cartridge dust collector for particulate control, exhausted inside the building, capacity: 720 fiberglass door skins per hour or 13,680 pounds per hour.~~

(c) One (1) fiberglass door assembly line, identified as C-Line, consisting of the following operations, approved for construction in 2009:

....

(4) One (1) machining operation, identified as FDMC-2A, with maximum throughput capacity of 18,200 pounds per hour, using a baghouse for particulate control, and exhausting to stack DC1-1.

(5) One (1) online boring center, identified as FDMC-2B, with maximum throughput capacity of 18,200 pounds per hour, using a baghouse for particulate control, and exhausting to stack DC1-1.

~~(6) One (1) deflashing station, identified as DF-2, installed in 2009, equipped with a cartridge dust collector for particulate control, exhausting inside the building, capacity: 720 fiberglass door skins per hour or 13,680 pounds per hour.~~

.....

(d) One (1) conveyorized coating line, identified as BPO2, consisting of the following operations, approved in 2011 for construction:

(1) Six (6) coating booths, identified as booths 1 through 6, using airless spray application method, with a maximum capacity of 60 doors per hour, using dry filters for particulate control, and exhausting to stacks SBPO2-1 through SBPO2-6.

(2) Three (3) manual booths, identified as booths 7 through 9, using airless spray application method, with a maximum capacity of 14 doors per hour, using dry filters for particulate control, and exhausting to stacks SBPO2-7 through SBPO2-9.

(e) Machining centers ~~connected to dust collector DC3 and exhausting to stack DC3-1,~~ as follows:

Connected to dust collector DC3 and exhausting to stack DC3-1:

(1) ~~Two (2)~~ **One (1)** CNC Thermwood machining center~~s~~ for Patio Doors, identified as PA-2 PA-1, installed in 2006, capacity: 11.25 patio door units per hour, each.

(2) ~~Three (3)~~ **One (1)** KVAL cutout machine~~s~~, identified as ~~CO-1, CO-2 and~~ CO-3, installed in ~~1993, 2005 and~~ 2000, ~~respectively,~~ capacity: 50 units per hour~~, each~~.

~~(3) One (1) Door Hinger, identified as DH-1, installed prior to 1991, capacity: 15.63 doors per hour.~~

(3) One (1) CNC operation for machining hinges, slots, lock openings and window openings in doors, permitted in 2012, identified as CNC-1, with a maximum throughput capacity of 975 pounds per hour and processing 18 units per hour.

Connected to dust collector DC4 and exhausting to stack DC4-1:

(5) One (1) CNC Thermwood machining center for Patio Doors, identified as PA-1, installed in 2006, capacity: 11.25 patio door units per hour, each.

(6) Two (2) KVAL cutout machines, identified as CO-1 and CO-2, installed in 1993 and 2005, respectively, capacity: 50 units per hour, each.

(7) One (1) cutout machine, identified as CO-4, approved for construction in 2009, with a maximum throughput capacity of 2,450 pounds per hour.

(8) Miscellaneous TLI machining operations, permitted in 2010.

(f) One (1) double cut saw, identified as DCS-1, installed in 2004, using a baghouse for particulate control, exhausting to a stack DCS-2.1, capacity: 130 door skins per hour.

(g) One (1) spray booth coating operation, approved for construction in 2007, identified as TLI Coating Line, and consisting of:

(1) One (1) automatic line with five (5) paint booths, two (2) electric powered infrared drying banks, and five (5) electric flash stations, individually identified as Booth 1 through Booth 5, IR Drying Banks 1 and 2, and Flash 1 through Flash 5, collectively identified as TLI Automatic Line, with a maximum capacity of 60 doors per hour or 50 patio units per hour, using dry filters as control, and exhausting to stacks TLI-1 through TLI-5, respectively. Under 40 CFR 63 (NESHAP), Subpart MMMM, these units are considered a miscellaneous metal parts and products surface coating facilities.Under 40 CFR 63 (NESHAP), Subpart PPPP, these units are considered plastic parts and products surface coating facilities.

……

(4) One (1) spray booth, identified as TLI-8, approved for construction in 2010, with a maximum capacity of seven (7) units per hour, and using dry filters for particulate control. Under 40 CFR 63 (NESHAP), Subpart MMMM, this unit is considered a miscellaneous metal parts and products surface coating facility. Under 40 CFR 63 (NESHAP), Subpart PPPP, this unit is considered a plastic parts and products surface coating facility.

(5) One (1) cutout machine, identified as TLI cutout, modified in 2010, with a maximum throughput capacity of 1,1375 pounds per hour, using cyclone TLI DC-1 for particulate control.

(h) One (1) concrete door adhesive spraying operation, approved for construction in 2007, identified as CD-3, with a maximum capacity of 24 doors per hour, using dry filters as control, and exhausting to Stack CD3-1. Under 40 CFR 63 (NESHAP), Subpart MMMM, this unit is considered a miscellaneous metal parts and products surface coating facility. Under 40 CFR 63 (NESHAP), Subpart PPPP, this unit is considered a plastic parts and products surface coating facility.

~~(i) One (1) cutout machine, identified as CO-4, approved for construction in 2009, with a maximum throughput capacity of 2,450 pounds per hour, using a baghouse for particulate control, and exhausting to stack SDMC-2.1.~~

(i) ~~(j)~~ One (1) double cut saw, identified as DCS-2, approved for construction in 2009, with a maximum throughput capacity of 2,470 pounds per hour, using a baghouse for particulate control, and exhausting to stack DCS-2.1.

(j) (~~k~~**)** One (1) miscellaneous sawing/trimming operation, identified as MS-2, approved for construction in 2009, with a maximum throughput capacity of 2,470 pounds per hour, using baghouse for particulate control, and exhausting to stack DCS-2.1.

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

(a) Pursuant to 326 IAC 2-2, the PM/PM10 emissions from each facility listed in the table below shall not exceed its specified limit:

Emission Unit	PM/PM10 limit (pounds per hour)
SDMC-2A	1.80
FDMC-2A	2.54
FDMC-2B	1.80
~~CO-4~~	~~0.49~~
DCS-2	0.32
MS-2	0.49
SDMC-2B	0.10
SMCDM-1	0.01
D2-MS1	2.54
D2-MS1-1	1.8
~~PA-1~~	~~0.067~~
~~CO-1, CO-2 and CO-3~~	~~1.47~~
~~DH-1~~	~~0.05~~
EU4	16.17
DCS-1	0.64
~~TLI Misc.~~	~~1.57~~
TLI Cut Out	3.43
PA2, CO-3, CNC-1 (dust collector DC-3)	**0.62**
PA-1, CO-1, CO-2, CO-4, TLI Misc. (dust collector DC-4)	**1.53**

D.1.7 Particulate [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), the allowable particulate emission rate from the facilities listed below shall be limited as specified when operating at the respective process weight rate:

Emission Unit/Activity	Process Weight Rate (tons/hr)	Allowable Particulate Emission Rate (326 IAC 6-3-2) (lb/hr)
EU4	8.1	16.65

Emission Unit/Activity	Process Weight Rate (tons/hr)	Allowable Particulate Emission Rate (326 IAC 6-3-2) (lb/hr)
D2-MS1 and D2-MS1-1	9.0	17.87
PA-1	0.38	2.15
CO-1, CO-2, and CO-3 **(each)**	1.225	4.70
~~DH-1~~	~~0.352~~	~~2.03~~
DCS-1	1.235	4.72
SDMC-2A	8.1	16.65
SDMC-2B	8.1	16.65
FDMC-2A	9.1	18
FDMC-2B	9.1	18
CO-4	1.225	4.7
DCS-2	1.235	4.72
MS-2	1.235	4.72
CNC-1	**0.4875**	**2.35**

The pounds per hour limitations were calculated using 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.1.11 Testing Requirements [326 IAC 2-1.1-11]

(a) In order to demonstrate the compliance with Condition D.1.1(a), the Permittee shall perform PM and PM10 testing on FDMC-2A and FDMC-2B, **DC-3 and DC-4** on whichever later date from the time period specified in (1) and (2) below.

(1) Within 180 days of publication of the new or revised condensable PM test method(s) referenced in the U. S. EPA's Final Rule for Implementation of the New Source Review (NSR) Program for Particulate Matter Less Than 2.5 Micrometers (PM2.5), signed on May 8, 2008.

(2) Within sixty (60) days after achieving the maximum capacity, but not later than one hundred eighty (180) days after initial startup.

PM10 includes filterable PM.

The above testing shall be repeated at least once every five (5) years from the date of the most recent valid compliance demonstration. Testing shall be conducted using methods approved by the Commissioner and in accordance with 326 IAC 3-6-3 and Section C - Performance Testing.

(b) .....

D.1.14 Visible Emissions Notations

(a) Visible emission notations of the EU4; D2-MS1 and D2-MS1-1; ~~CO-1, CO-2, CO-3, PA-1, and DH-1 stack exhausts (Stacks DC1-1, 20.1, and DC3-1),~~ **DC-3 and DC-4 stack exhausts and** SDMC-2A, FDMC-2A, FDMC-2B, ~~CO-4,~~ DCS-2, MS-2, SDMC-2B, and

SMCDM-1 stack exhausts, and TLI Cut Out exhaust shall be performed once per day during normal daylight operations when exhausting to the atmosphere. 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. Section C - Response to Excursions or Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition. Failure to take response steps shall be considered a deviation from this permit.

D.1.15 Parametric Monitoring [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)] [40 CFR 64]

(a) The Permittee shall record the pressure drop across the dust collectors, cyclone and baghouse used in conjunction with EU4; D2-APP1; D2-MS1 and D2-MS1-1; PA-1, ~~DH-1,~~ CO-1, CO-2, CO-3, DCS-1, SDMC-2A, FDMC-2A, FDMC-2B, CO-4, DCS-2, MS-2, SDMC-2B, SMCDM-1, **CNC-1** and TLI Cut Out at least once per day when any of these facilities are in operation. ~~When for any one reading, the pressure drop across either control device is outside the normal range of 1.0 and 7 inches of water or a range established during the latest stack test, the Permittee shall take reasonable response steps.~~ **When, for any one reading, the pressure drop across the baghouse is outside of the normal range, the Permittee shall take reasonable response. The normal range for this unit is a pressure drop between 1.0 and 7.0 inches of water unless a different upper-bound or lower-bound value for this range is determined during the latest stack test.** Section C – Response to Excursions and Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition. A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps 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.1.18 Record Keeping Requirements

(a) To document the compliance status with Condition D.1.3, 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 established in Condition D.1.3. Records necessary to demonstrate compliance shall be available within 30 days of the end of each compliance period.

.....

(d) To document the compliance status with Condition D.1.12 and D.1.13, the Permittee shall maintain a log of weekly overspray observations, and daily, weekly and monthly inspections.

(e) To document the compliance status with Condition D.1.14, the Permittee shall maintain records of visible emission notations of the EU4; D2-MS1 and D2-MS1-1; ~~CO-1, CO-2, CO-3, PA-1, and DH-1 stack exhausts (Stacks DC1-1, 20.1, and DC3-1)~~ **DC-3 and DC-4**

stack exhausts when vented to atmosphere and SDMC-2A, FDMC-2A, FDMC-2B, CO-4, DCS-2, MS-2, SDMC-2B, and SMCDM-1 stack exhausts and TLI Cut Out exhaust when vented to atmosphere once per day. The Permittee shall include in its daily record when a visible emission notation is not taken and the reason for the lack of a visible emission notation, (i.e. the process did not operate that day).

(f) To document the compliance status with Condition D.1.15, the Permittee shall maintain records once per day of the pressure drop during normal operation when venting to the atmosphere. 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, (i.e. the process did not operate that day).

(g) Section C - General Record Keeping Requirements, of this permit contains the Permittee's obligations with regard to the records required by this condition.

D.2.5 Parametric Monitoring [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

(a) The Permittee shall record the pressure drop across the baghouses used in conjunction with SILO1 and SILO2 at least once per day when SILO1 or SILO2 is in operation. ~~When for any one reading, the pressure drop across either baghouse is outside the normal range of 1.0 and 7.0 inches of water or a range established during the latest stack test, the Permittee shall take reasonable response steps.~~ **When, for any one reading, the pressure drop across the baghouse is outside of the normal range, the Permittee shall take reasonable response. The normal range for this unit is a pressure drop between 1.0 and 7.0 inches of water unless a different upper-bound or lower-bound value for this range is determined during the latest stack test.** Section C – Response to Excursions and Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition. A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps 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.4.6 Dust Collector Parametric Monitoring [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

(a) The Permittee shall record the pressure drop across the cartridges used in conjunction with the deflashing stations (DF-1 andDF-2) at least once per day when the deflashing stations are in operation. ~~When for any one (1) reading, the pressure drop across the cartridge is outside the normal range of 1.0 and 7.0 inches of water or a range established during the latest stack test, the Permittee shall take reasonable response steps.~~ **When, for any one reading, the pressure drop across the baghouse is outside of the normal range, the Permittee shall take reasonable response. The normal range for this unit is a pressure drop between 1.0 and 7.0 inches of water unless a different upper-bound or lower-bound value for this range is determined during the latest stack test.** Section C - Response to Excursions or Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition. A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps 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.

~~E.1.3 One-Time Deadlines Relating to Miscellaneous Metal Part and Products Surface Coating Notifications [40 CFR Part 63, Subpart MMMM]~~

~~The Permittee shall comply with the following notification requirements by the dates listed:~~

~~Requirement~~	~~Rule Cite~~	~~Affected Facility~~	~~Deadline~~
~~Submit Initial Notification~~	~~40 CFR 63.3910(b)~~	~~Entire Source~~	~~January 2, 2005~~
~~Conduct Initial Compliance Demonstrations~~	~~40 CFR 63.3940, 63.3950, 63.3960~~	~~Entire Source~~	~~January 31, 2008~~
~~Notification of Compliance Status~~	~~40 CFR 63.3910(c)~~	~~Entire Source~~	~~March 1, 2008~~
~~First Semiannual Compliance Report~~	~~40 CFR 63.3920(a)(1)~~	~~Entire Source~~	~~July 31, 2008~~

~~E.2.3 One-Time Deadlines Relating to Coating of Plastic Parts and Products NESHAP [40 CFR Part 63, Subpart PPPP]~~

~~The Permittee shall comply with the following notification requirements by the dates listed:~~

~~Requirement~~	~~Rule Cite~~	~~Deadline~~
~~Submit Initial Notification~~	~~40 CFR 63.4510(b)~~	~~No later than April 19, 2005~~
~~Compliance Date~~	~~40 CFR 63.4483(b)~~	~~April 19, 2007~~
~~Conduct Initial Compliance Demonstration~~	~~40 CFR 63.4550~~	~~April 30, 2007 to April 30, 2008~~
~~Notification of Compliance Status~~	~~40 CFR 63.4510(c)~~	~~No later than May 30, 2008~~
~~Semiannual Compliance Reports~~	~~40 CFR 63.4520(a)(1)~~	~~July 31, 2008, and every January 31 and July 31 thereafter~~

SECTION E.4 FACILITY OPERATION CONDITIONS

Emissions Unit Description:

(j) One (1) natural gas-fired reciprocating emergency generator, identified as EG-1, rated at fifty (50) kW (~67 HP), (ordered in October 2010), and approved in 2010 for construction. The diesel generator, identified as EG-1, is considered an affected facility under the NSPS for Stationary Compression Ignition Internal Combustion Engines (40 CFR 60, Subpart IIII) and a new stationary reciprocating internal combustion engine at an area source of hazardous air pollutants under NESHAP for Stationary Reciprocating Internal Combustion Engines (40 CRF 63, Subpart ZZZZ).

(k) One (1) diesel fuel-fired compression ignition emergency generator for fire suppression system, identified as EG-2 rated at fifty (350) kilowatt (kW) (~469.2 HP), in stalled in 2005. EG-2, is considered an existing affected facility under the NSPS for Stationary Compression Ignition Internal Combustion Engines (40 CFR 60, Subpart IIII) and an existing stationary reciprocating internal combustion engine at an area source of hazardous air pollutants under NESHAP for Stationary Reciprocating Internal Combustion Engines (40 CRF 63, Subpart ZZZZ).

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

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY

PART 70 OPERATING PERMIT CERTIFICATION

Source Name: Therma Tru Corporation
Source Address: 601 RE Jones Road, Butler, Indiana 46721
Part 70 Permit No.: T 033-1~~7546~~ **30711**-00019
.....

Conclusion and Recommendation

The construction and operation of the proposed emission units shall be subject to the conditions of the attached proposed Part 70 Significant Source Modification No. 033-31962-00019 and Significant Permit Modification No. 033-31988-00019. The staff recommends to the Commissioner that this Part 70 Significant Source and Significant Permit Modification be approved.

IDEM Contact

(a) Questions regarding this proposed permit can be directed to Madhurima Moulik at the Indiana Department Environmental Management, Office of Air Quality, Permits Branch, 100 North Senate Avenue, MC 61-53 IGCN 1003, Indianapolis, Indiana 46204-2251 or by telephone at (317) 233-0868 or toll free at 1-800-451-6027 extension 3-0868.

(b) A copy of the findings is available on the Internet at: http://www.in.gov/ai/appfiles/idem-caats/

(c) For additional information about air permits and how the public and interested parties can participate, refer to the IDEM's Guide for Citizen Participation and Permit Guide on the Internet at: www.idem.in.gov

TSD Appendix A
Company Name: Therma Tru Corporation
Company Address: 601 RE Jones road, Butler, IN 46721
Permit No.: SSM 033-31962-00019/SPM 033-31988-00019
Reviewer: Madhurima Moulik
Date: 19-Jun-12

Process	Throughput (units/hr)	Process Weight Rate (lbs/hr)	Emission Rate (lbs/unit)	Control Efficiency (%)	Potential Emissions (lbs/hour)	Potential Emissions (tons/year)	Potential Emissions after Control (lbs/hour)	Potential Emissions after Control (tons/year)
DC3 Control Device								
PA-2	11.25	765	0.300	99.0%	3.38	14.78	0.03	0.15
CO-3	50.00	2,450	0.980	99.0%	49.00	214.62	0.49	2.15
CNC-1	18.00	975	0.550	99.0%	9.90	**43.36**	0.10	0.43
							0.62	**2.73**
DC4 Control Device								
CO-4	50.00	2,450	0.980	99.0%	49.00	214.62	0.49	2.15
PA-1	11.25	765	0.300	99.0%	3.38	14.78	0.03	0.15
CO-1	50.00	2,450	0.980	99.0%	49.00	214.62	0.49	2.15
CO-2	50.00	2,450	0.980	99.0%	49.00	214.62	0.49	2.15
Miscellaneous TLI machining				99.0%	3.00	13.14	0.03	0.13
							1.53	**6.72**

METHODOLOGY **Uncontrolled PTE (new unit CNC-1) tons/yr= 43.36**

Potential Emissions (lbs/hr) = Throughput (units/hr) x Emission Rate (lbs/unit)
Potential Emissions (tons/year) = Potential Emissions (lbs/hr) x (8760 hours/year) x (1 ton/2000 lbs)
Potential Emissions after Control (lbs/hr) = Potential Emissions (lbs/hr) * (1 - Control Efficiency (%))
Potential Emissions after Control (tons/year) = Potential Emissions after Control (lbs/hr) x (8760 hours/year) x (1 ton/2000 lbs)
Emission rates based on engineering data. Worst case assumed: all material lost is considered potential particulate emissions.

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: Rick Goodman
Thurma Tru Corporation
601 Re Jones Road
Butler, IN 46721

DATE: August 31, 2012

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

SUBJECT: Final Decision
Significant Source Modification
033-31988-00019

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:
Mike Daman – Plant Manager
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.

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

Mitchell E. Daniels Jr.
Governor

Thomas W. Easterly
Commissioner

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Indianapolis, Indiana 46204
(317) 232-8603
Toll Free (800) 451-6027
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August 31, 2012

TO: Butler Public Library

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

Subject: **Important Information for Display Regarding a Final Determination**

Applicant Name: **Therma Tru Corporation**
Permit Number: **033-31988-00019**

You previously received information to make available to the public during the public comment period of a draft permit. Enclosed is a copy of the final decision and supporting materials for the same project. Please place the enclosed information along with the information you previously received. To ensure that your patrons have ample opportunity to review the enclosed permit, **we ask that you retain this document for at least 60 days.**

The applicant is responsible for placing a copy of the application in your library. If the permit application is not on file, or if you have any questions concerning this public review process, please contact Joanne Smiddie-Brush, OAQ Permits Administration Section at 1-800-451-6027, extension 3-0185.

Enclosures
Final Library.dot 11/30/07

Mail Code 61-53

IDEM Staff	GHOTOPP 8/31/2012 Therma-Tru Corp. - Butler 033-31988-00019 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		Rick Goodman Therma-Tru Corp. - Butler 601 RE Jones Rd Butler IN 46721 (Source CAATS) via confirmed delivery									
2		Mike Daman Plant Mgr Therma-Tru Corp. - Butler 601 RE Jones Rd Butler IN 46721 *(RO CAATS)*									
3		Mr. Steve Christman NISWMD 2320 W 800 S, P.O. Box 370 Ashley IN 46705 *(Affected Party)*									
4		DeKalb County Commissioners 100 South Main Street Auburn IN 46706 *(Local Official)*									
5		Ms. Diane Leroy 303 N. Jackson St. Auburn IN 46706 *(Affected Party)*									
6		Mr. Barry Fordanish R#3 1480 CR 66 Auburn IN 46706 *(Affected Party)*									
7		Mr. Dave Weilbaker 1423 Urban Ave Auburn IN 46706 *(Affected Party)*									
8		Dekalb County Health Department 220 E 7th St #110 Auburn IN 46706 *(Health Department)*									
9		Butler Public Library 340 South Broadway Street Butler IN 46721-1308 *(Library)*									
10		Daniel & Sandy Trimmer 15021 Yellow River Road Columbia City IN 46725 *(Affected Party)*									
11		Brown & Sons Fuel Co. P.O. Box 665 Kendallville IN 46755 *(Affected Party)*									
12		Mr. Marty K. McCurdy 2550 County Road 27 Waterloo IN 46793 *(Affected Party)*									
13		Butler City Council and Mayors Office 201 S. Broadway Butler IN 47621 (Local Official)									
14											
15											

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