



Mitchell E. Daniels, Jr.
Governor

Thomas W. Easterly
Commissioner

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

TO: Interested Parties / Applicant
DATE: April 4, 2006
RE: Jasper Engine Exchange, Inc. / 025-22253-00012
FROM: Nisha Sizemore
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, Room 1049, 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.dot 1/10/05



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

Mitchell E. Daniels, Jr.
Governor

Thomas W. Easterly
Commissioner

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2251
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April 4, 2006

Mr. Robert Calvert
Jasper Engine Exchange, Inc.
P.O. Box 650
Jasper, Indiana 47547

Re: 025-22253-00012
First Significant Permit Revision to
FESOP No. 025-15881-00012

Dear Mr. Calvert:

Jasper Engine Exchange, Inc. was issued a Federally Enforceable State Operating Permit (FESOP) renewal on November 1, 2002 for a stationary plant that remanufactures old worn-out vehicle engines, transmissions, etc. A letter requesting changes to this permit was received on November 28, 2005. Pursuant to the provisions of 326 IAC 2-8-11.1 a significant permit revision to this permit is hereby approved as described in the attached Technical Support Document.

After extensive evaluation and deliberation, IDEM has concluded that certain permit conditions that are routinely appealed in FESOPs could be altered in a manner that would be less burdensome on the Permittee but would still ensure that sources can demonstrate compliance with State and Federal Regulations on a continuous basis. Jasper Engine Exchange, Inc. has requested that such changes be made to their existing permit. These changes, including the relaxation of compliance monitoring frequency, are being made pursuant to 326 IAC 2-8-11.1(f). Additional changes have been made to the permit as a result of administrative changes and changes to Federal and State regulations.

Pursuant to 326 IAC 2-8-11.1, this permit shall be revised by incorporating the significant permit revision into the permit. All other conditions of the permit shall remain unchanged and in effect. Please find attached a copy of the revised permit.

Pursuant to Contract No. A305-5-65, IDEM, OAQ has assigned the processing of this application to Eastern Research Group, Inc., (ERG). Therefore, questions should be directed to Sanobar Durrani, ERG, 1600 Perimeter Park Drive, Morrisville, North Carolina 27560, or call (919) 468-7810 to speak directly to Ms. Durrani. Questions may also be directed to Duane Van Laningham at IDEM, OAQ, 100 North Senate Avenue, Indianapolis, Indiana, 46204-2251, or call (800) 451-6027 and ask for Duane Van Laningham or extension 3-6878, or dial (317) 233-6878.

Sincerely,
Original signed by Nisha Sizemore

Paul Dubenetzky, Assistant Commissioner
Office of Air Quality

Attachments

ERG/SD

cc: File – Crawford County
Crawford County Health Department
Air Compliance Section Inspector – Derick Ohning
Permit Review Section – Nysa James
Southwest Regional Office



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FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP) RENEWAL OFFICE OF AIR QUALITY

**Jasper Engine Exchange, Inc.
6400 East Industrial Lane
Leavenworth, Indiana 47137**

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

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-8 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.: F025-15881-00012	
Issued by: (Original signed by) Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date: November 1, 2002 Expiration Date: November 1, 2007
1 st Administrative Amendment 025-19036-00012, issued June 18, 2004 1 st Minor Permit Revision 025-20288-00012, issued December 15, 2004 2 nd Administrative Amendment 025-19879-00012, issued December 21, 2004	
1st Significant Permit Revision No.: 025-22253-00012	Affected Pages: 13, 14, 17-21, 23, 24, 28-29, 31-33, 36-38
Original signed by: Nisha Sizemore, Chief Permits Branch Office of Air Quality	Issuance Date: April 4, 2006 Expiration Date: November 1, 2007

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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 2-8-3(b)]

The Permittee owns and operates a stationary plant that remanufactures old worn out vehicle engines, transmissions, etc.

Authorized individual:	Vice President
Source Address:	6400 East Industrial Lane, Leavenworth, Indiana 47137
Mailing Address:	P.O. Box 650, Jasper, Indiana 47547
SIC Code:	3714
Source Location Status:	Crawford
County Status:	Attainment for all criteria pollutants
Source Status:	Federally Enforceable State Operating Permit (FESOP) Minor Source, under PSD; Minor 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 2-8-3(c)(3)]

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

- (a) Two (2) black beauty sand blasters (identified as BLA020 and BLA021), each with a maximum nozzle flow rate of 1,020 pounds of grit per hour, controlled by baghouses DUC044 and BLA021, respectively, and venting into the building. Baghouse DUC044 is capable of venting to the atmosphere.
- (b) Three (3) steel shot blasters (identified as BLA026, BLA027, and BLA028), each with a maximum process rate of 800 pounds of steel per hour, controlled by baghouses DUC040, DUC044, and DUC041, respectively, and venting into the building.
- (c) Two (2) soda blaster cabinets (identified as BLA035 and BLA036), constructed in 1999, each with a maximum abrasive usage of 12.5 pounds per hour and a maximum process rate of 1,020 pounds of parts per hour, both controlled by a baghouse DUC046, and venting into the building.
- (d) One (1) salt bath cleaning line, with a maximum throughput rate of 16,000 pounds of parts per hour, consisting of the following:
 - (1) Two (2) molten salt cleaning tanks (identified as KOL013 and KOL014), each with a maximum capacity of 1,200 gallons and each heated by a 2.5 MMBtu/hr natural gas burner, both controlled by a wet scrubber KOL015.
 - (2) Two (2) acid derust tanks (identified as KOL016 and KOL017), each with a maximum capacity of 1,800 gallons.
 - (3) One (1) acid rinsing tank (identified as KOL018), with a maximum capacity of 1,200 gallons.
 - (4) One (1) alkaline derusting tank (identified as KOL019), with a maximum capacity of 1,200 gallons.

- (5) One (1) alkaline rinsing tank (identified as KOL020), with a maximum capacity of 1,200 gallons.
- (6) One (1) quenching tank (identified as KOL021), with a maximum capacity of 1,800 gallons.
- (7) One (1) hot rinsing tank (identified as KOL022), with a maximum capacity of 1,800 gallons.
- (e) One (1) surface coating booth (identified as PTB006), constructed in 1999, with a maximum capacity of 145 engines and transmissions per day, equipped with High Volume Low Pressure (HVLP) spray guns and using dry filters for overspray control.
- (f) Two (2) natural gas-fired boilers, each with a maximum heat input capacity of 17 million British thermal units (MMBtu) per hour, constructed after 1990, and exhausting to stacks FEQ016 and FEQ017, respectively.
- (g) Four (4) natural gas-fired internal combustion engines, each with a maximum rate of 0.725 MMBtu/hr.
- (h) One (1) plastic pellet blaster (identified as BLA04) controlled by baghouse BLA04, and venting into the building.
- (i) One (1) abrasive blasting unit using steel shot as the blast media (identified as BLA002), controlled by baghouse DUC044, and venting either into the building or to the atmosphere.
- (j) One (1) abrasive blasting unit using coal slag as the blast media (identified as BLA022), controlled by baghouse BLA022, and venting into the building.
- (k) One (1) abrasive blasting unit using aluminum oxide as the blast media (identified as BLA047), controlled by baghouse BLA047, and venting into the building.
- (l) One (1) surface coating booth (identified as PTB010), with a maximum capacity of 30 torque converters per hour, equipped with High Volume Low Pressure (HVLP) spray guns and using dry filters for overspray control.

A.3 Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-8-3(c)(3)(l)]

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

- (a) Natural gas-fired combustion sources with heat input equal to or less than ten million (10,000,000) Btu per hour, including the following:
 - (1) Seven (7) natural gas-fired heaters, with a total maximum heat input rate of 0.8 MMBtu/hr.
 - (2) One (1) natural gas-fired head oven (identified as PEQ047) with a maximum heat input rate of 0.06 MMBtu/hr.
 - (3) One (1) natural gas-fired transmission dyno (identified as DYN010) with a maximum heat input rate of 0.84 MMBtu/hr.
- (b) The following equipment related to manufacturing activities not resulting in the emission of HAPs: brazing equipment, cutting torches, soldering equipment, welding equipment, including the following:
 - (1) Metal Inert Gas (MIG) stations.
 - (2) Stick welding stations.

- (3) Tungsten Inert Gas (TIG) stations.
 - (4) Three (3) oxyacetylene flame-cutting operations, with a maximum cutting rate of 2 inches per minute.
 - (5) Two (2) plasma cutters.
 - (6) One (1) hub welding station.
- (c) Machining where an aqueous cutting coolant continuously floods the machining interface, including two (2) machining operations (crankshaft grinding) (identified as CSG015 and CSG016), each with a maximum capacity of 30 gallons.
- (d) Activities associated with the treatment of wastewater streams with an oil and grease content less than or equal to 1% by volume.
- (e) Other emission units, not regulated by a NESHAP, with PM₁₀ and SO₂ emissions less than five (5) pounds per hour or twenty-five (25) pounds per day, CO emissions less than twenty-five (25) pounds per day, lead emissions less than six-tenths (0.6) tons per year or three and twenty-nine (3.29) pounds per day, and emitting greater than one (1) pound per day but less than five (5) pounds per day or one (1) ton per year of a single HAP, or emitting greater than one (1) pound per day but less than twelve and five tenths (12.5) pounds per day or two and five tenths (2.5) ton per year of any combination of HAPs:
- (1) One (1) open top degreaser used for transmission cases and skids (identified as CLT001), with a maximum capacity of 375 gallons mixture of water and water based solvent.
 - (2) One (1) open top degreaser used for transmission cases and skids (identified as CLT002), with a maximum capacity of 375 gallons mixture of water and water based solvent.
 - (3) One (1) open top degreaser used for aluminum head rinse (identified as CLT011), with a maximum capacity of 175 gallons mixture of water and water based solvent.
 - (4) One (1) open top degreaser used for aluminum timing cover rinse (identified as CLT013), with a maximum capacity of 175 gallons mixture of water and water based solvent.
 - (5) One (1) open top degreaser used for transmission skid wash (identified as CLT032), with a maximum capacity of 800 gallons mixture of water and water based solvent.
 - (6) One (1) open top degreaser used for transmission parts hand wash (identified as CLT048), with a maximum capacity of 40 gallons of low VOC solvent (VOC < 5%).
 - (7) One (1) open top degreaser used for transmission parts hand wash (identified as CLT051), with a maximum capacity of 40 gallons mixture of water and water based solvent.
 - (8) One (1) open top degreaser used for transmission prewash (identified as CLT086), with a maximum capacity of 1,800 gallons mixture of water and water based solvent.
 - (9) One (1) open top degreaser used for tumble cleaning of small parts (identified as CLT087), with a maximum capacity of 50 gallons mixture of water and water based solvent.

- (10) One (1) open top degreaser used for engine block prewash (identified as CLT088), with a maximum capacity of 1,000 gallons mixture of water and water based solvent.
- (11) One (1) open top degreaser used for transmission intermediate wash (identified as CLT089), with a maximum capacity of 1,000 gallons mixture of water and water based solvent.
- (12) One (1) open top degreaser used for head prewash (identified as CLT090), with a maximum capacity of 600 gallons mixture of water and water based solvent.
- (13) One (1) open top degreaser used for converter wash (identified as CLT091), with a maximum capacity of 1,000 gallons mixture of water and water based solvent.
- (14) One (1) open top degreaser used for aluminum head wash (identified as CLT092), with a maximum capacity of 175 gallons mixture of water and water based solvent.
- (15) One (1) open top degreaser used for ultrasonic cleaning of small parts (identified as CLT094), with a maximum capacity of 30 gallons mixture of water and water based solvent.
- (16) One (1) open top degreaser used for differential/axle housing wash (identified as CLT096), with a maximum capacity of 375 gallons mixture of water and water based solvent.
- (17) One (1) open top degreaser used for maintenance cleaning (identified as CLT098), with a maximum capacity of 25 gallons mixture of water and water based solvent.
- (18) One (1) open top degreaser used for rinsing axle housings and differentials, (identified as CLT101), with a maximum capacity of 400 gallons mixture of water and water based solvent.
- (19) One (1) open top degreaser used for transmission cases (identified as CLT102), with a maximum capacity of 100 gallons mixture of water and water based solvent.
- (20) One (1) open top degreaser used for small transmission parts (identified as CLT103), with a maximum capacity of 30 gallons mixture of water and water based solvent.
- (21) One (1) open top degreaser used for small transmission parts (identified as CLT104), with a maximum capacity of 30 gallons mixture of water and water based solvent.
- (22) One (1) open top degreaser used for small transmission parts (identified as CLT106), with a maximum capacity of 30 gallons mixture of water and water based solvent.
- (23) One (1) open top degreaser used for transmission parts hand wash (identified as CLT108), with a maximum capacity of 40 gallons low VOC solvent (VOC content less than 5%).
- (24) One (1) open top degreaser used for crank wash (identified as CLT110), with a maximum capacity of 350 gallons mixture of water and water based solvent.

- (25) One (1) open top degreaser used for diesel engine blocks (identified as CLT114), with a maximum capacity of 1,100 gallons mixture of water and water based solvent.
- (26) One (1) open top degreaser used for diesel engine parts (identified as CLT115), with a maximum capacity of 1,100 gallons mixture of water and water based solvent.
- (27) One (1) open top degreaser used for axle and differential cleaning (identified as CLT123), with a maximum capacity of 20 gallons low VOC solvent (VOC < 5%).
- (28) One (1) open top degreaser used for vehicle servicing (identified as CLT127), with a maximum capacity of 25 gallons mixture of water and water based solvent.
- (29) One (1) open top degreaser used for aluminum timing cover wash (identified as ADJ007), with a maximum capacity of 440 gallons mixture of water and water based solvent.
- (30) One (1) open top degreaser used for diesel block final wash (identified as ADJ012), with a maximum capacity of 440 gallons mixture of water and water based solvent.
- (31) One (1) open top degreaser used for aluminum head wash (identified as ADJ014), with a maximum capacity of 440 gallons mixture of water and water based solvent.
- (32) One (1) open top degreaser used for iron and steel small parts wash (identified as ADJ016), with a maximum capacity of 400 gallons mixture of water and water based solvent.
- (33) One (1) open top degreaser used for block final wash 1 (identified as ADJ027), with a maximum capacity of 440 gallons mixture of water and water based solvent.
- (34) One (1) open top degreaser used for block final wash 2 (identified as ADJ028), with a maximum capacity of 440 gallons mixture of water and water based solvent.
- (35) One (1) open top degreaser used for head final wash (identified as ADJ029), with a maximum capacity of 440 gallons mixture of water and water based solvent.
- (36) One (1) open top degreaser used for small parts wash (identified as ADJ030), with a maximum capacity of 440 gallons mixture of water and water based solvent.
- (37) One (1) open top degreaser used for aluminum head wash (identified as ADJ031), with a maximum capacity of 440 gallons mixture of water and water based solvent.
- (38) One (1) open top degreaser used for rinsing crankshafts after polishing (identified as CSP006), with a maximum capacity of 30 gallons mixture of water and water based solvent.
- (39) Twenty-two (22) part washers using water-based liquid detergent cleaners.
- (40) Eight (8) part washers using powdered detergent cleaners.

This stationary source, otherwise required to have a Part 70 permit as described in 326 IAC 2-7-2(a), has applied to the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ) renew a Federally Enforceable State Operating Permit (FESOP).

A.5 Prior Permits Superseded [326 IAC 2-1.1-9.5]

- (a) All terms and conditions of previous permits issued pursuant to permitting programs approved into the state implementation plan have been either
 - (1) incorporated as originally stated,
 - (2) revised, or
 - (3) deletedby this permit.
- (b) All previous registrations and permits are superseded by this permit.

SECTION B GENERAL CONDITIONS

B.1 Permit No Defense [IC 13]

Indiana statutes from IC 13 and rules from 326 IAC, quoted in conditions in this permit, are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a FESOP under 326 IAC 2-8.

B.2 Definitions [326 IAC 2-8-1]

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.3 Permit Term [326 IAC 2-8-4(2)]

This permit is issued for a fixed term of five (5) years from the original date, 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.

B.4 Enforceability [326 IAC 2-8-6]

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 Termination of Right to Operate [326 IAC 2-8-9] [326 IAC 2-8-3(h)]

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 2-8-3(h) and 326 IAC 2-8-9.

B.6 Severability [326 IAC 2-8-4(4)]

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

B.7 Property Rights or Exclusive Privilege [326 IAC 2-8-4(5)(D)]

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

B.8 Duty to Supplement and Provide Information [326 IAC 2-8-3(f)] [326 IAC 2-8-4(5)(E)] [326 IAC 2-8-5(a)(4)]

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

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

The submittal by the Permittee does require the certification by the authorized individual as defined by 326 IAC 2-1.1-1(1).

The Permittee shall furnish to IDEM, OAQ, within a reasonable time, any information that IDEM, OAQ, may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The submittal by the Permittee does require the certification by the authorized individual as defined by 326 IAC 2-1.1-1(1). Upon request, the Permittee shall also furnish to IDEM, OAQ, copies of records required to be kept by this permit or, for information claimed to be confidential, the Permittee may furnish such records directly to the U. S. EPA along with a claim of confidentiality.[326 IAC 2-8-4(5)(E)]

The Permittee may include a claim of confidentiality in accordance with 326 IAC 17. 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.9 Compliance Order Issuance [326 IAC 2-8-5(b)]

IDEM, OAQ may issue a compliance order to this Permittee upon discovery that this permit is in nonconformance with an applicable requirement. The order may require immediate compliance or contain a schedule for expeditious compliance with the applicable requirement.

B.10 Compliance with Permit Conditions [326 IAC 2-8-4(5)(A)] [326 IAC 2-8-4(5)(B)]

(a) The Permittee must comply with all conditions of this permit. Noncompliance with any provisions of this permit is grounds for:

- (1) Enforcement action;
- (2) Permit termination, revocation and reissuance, or modification; and
- (3) Denial of a permit renewal application.

(b) It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

(c) An emergency does constitute an affirmative defense in an enforcement action provided the Permittee complies with the applicable requirements set forth in condition B, Emergency Provisions.

B.11 Certification [326 IAC 2-8-3(d)] [326 IAC 2-8-4(3)(C)(i)] [326 IAC 2-8-5(1)]

(a) Where specifically designated by this permit or required by an applicable requirement, any application form, report, or compliance certification submitted shall contain certification by an authorized individual of truth, accuracy, and completeness. This certification, shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

(b) One (1) certification shall be included, using the attached Certification Form, with each submittal requiring certification. One (1) certification may cover multiple forms in one (1) submittal.

(c) An authorized individual is defined at 326 IAC 2-1.1-1(1).

B.12 Annual Compliance Certification [326 IAC 2-8-5(a)(1)]

(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 in letter form no later than July 1 of each year to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

(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 2-8-4(3); and
- (5) Such other facts as specified in Sections D of this permit, IDEM, OAQ, may require to determine the compliance status of the source.

The notification which shall be submitted by the Permittee does require the certification by the ~~authorized individual~~ as defined by 326 IAC 2-1.1-1(1).

B.13 Preventive Maintenance Plan [326 IAC 1-6-3] [326 IAC 2-8-4(9)] [326 IAC 2-8-5(a)(1)]

- (a) If required by specific condition(s) in Section D of this permit, the Permittee shall maintain and implement Preventive Maintenance Plans (PMPs), including the following information on each facility:
 - (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
 - (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and
 - (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.
- (b) A copy of the PMPs shall be submitted to IDEM, OAQ, upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ, may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions or potential to emit. The PMPs do not require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (c) To the extent the Permittee is required by 40 CFR Part 60/63 to have an Operation, Maintenance, and Monitoring (OMM) Plan for a unit, such Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.

B.14 Emergency Provisions [326 IAC 2-8-12]

- (a) An emergency, as defined in 326 IAC 2-7-1(12), is not an affirmative defense for an action brought for noncompliance with a federal or state health-based emission limitation, except as provided in 326 IAC 2-8-12.
- (b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a health-based or technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describes 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 and Southwest 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 No.: 1-800-451-6027 (ask for Office of Air Quality, Compliance Section) or,
Telephone No.: 317-233-5674 (ask for Compliance Section)
Facsimile No.: 317-233-5967

Southwest Regional Office
Telephone No.: 1-888-672-8323 or,
Telephone No.: 812-436-2570
Facsimile No.: 812-436-2572

Failure to notify IDEM, OAQ and Southwest Regional Office, by telephone or facsimile within four (4) daytime business hours after the beginning of the emergency, or after the emergency is discovered or reasonably should have been discovered, shall constitute a violation of 326 IAC 2-8 and any other applicable rules. [326 IAC 2-8-12(f)]

- (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 Branch, Office of Air Quality
100 North Senate Avenue
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 2-8-4(3)(C)(ii) and must contain the following:

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

The notification which shall be submitted by the Permittee does not require the certification by the authorized individual as defined by 326 IAC 2-1.1-1(1).

- (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 2-8-3(c)(6) 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 2-8 and any other applicable rules.
- (g) Operations may continue during an emergency only if the following conditions are met:
 - (1) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.
 - (2) If an emergency situation causes a deviation from a health-based limit, the Permittee may not continue to operate the affected emissions facilities unless:
 - (A) The Permittee immediately takes all reasonable steps to correct the emergency situation and to minimize emissions; and
 - (B) Continued operation of the facilities is necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw material of substantial economic value.

Any operations shall continue no longer than the minimum time required to prevent the situations identified in (g)(2)(B) of this condition.
- (h) The Permittee shall include all emergencies in the Quarterly Deviation and Compliance Monitoring Report.

B.15 Deviations from Permit Requirements and Conditions [326 IAC 2-8-4(3)(C)(ii)]

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

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

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

The Quarterly Deviation and Compliance Monitoring Report does require the certification by the authorized individual as defined by 326 IAC 2-1.1-1(1).

- (b) A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit.
- (c) Emergencies shall be included in the Quarterly Deviation and Compliance Monitoring Report.

B.16 Permit Modification, Reopening, Revocation and Reissuance, or Termination
[326 IAC 2-8-4(5)(C)] [326 IAC 2-8-7(a)] [326 IAC 2-8-8]

- (a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a FESOP 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 2-8-4(5)(C)] The notification by the Permittee does require the certification by the authorized individual as defined by 326 IAC 2-1.1-1(1).
- (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 2-8-8(a)]
- (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 2-8-8(b)]
- (d) The reopening and revision of this permit, under 326 IAC 2-8-8(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 2-8-8(c)]

B.17 Permit Renewal [326 IAC 2-8-3(h)]

- (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 2-8-3. Such information shall be included in the application for each emission unit at this source, except those emission units included on the trivial or insignificant activities list contained in 326 IAC 2-7-1(21) and 326 IAC 2-7-1(40). The renewal application does require the certification by the authorized individual as defined by 326 IAC 2-1.1-1(1).

Request for renewal shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

- (b) Timely Submittal of Permit Renewal [326 IAC 2-8-3]
 - (1) A timely renewal application is one that is:
 - (A) Submitted at least nine (9) months prior to the date of the expiration of this permit; and
 - (B) If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.
 - (2) If IDEM, OAQ upon receiving a timely and complete permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect until the renewal permit has been issued or denied.

- (c) Right to Operate After Application for Renewal [326 IAC 2-8-9]
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 2-8 until IDEM, OAQ takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified in writing by IDEM, OAQ, any additional information identified as needed to process the application.

B.18 Permit Amendment or Revision [326 IAC 2-8-10] [326 IAC 2-8-11.1]

- (a) Permit amendments and revisions are governed by the requirements of 326 IAC 2-8-10 or 326 IAC 2-8-11.1 whenever the Permittee seeks to amend or modify this permit.
- (b) Any application requesting an amendment or modification of this permit shall be submitted to:
- Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251
- Any such application should be certified by the authorized individual as defined by 326 IAC 2-1.1-1(1).
- (c) The Permittee may implement the administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-8-10(b)(3)]

B.19 Operational Flexibility [326 IAC 2-8-15]

- (a) The Permittee may make any change or changes at this source that are described in 326 IAC 2-8-15(b) through (d), without prior permit revision, if each of the following conditions is met:
- (1) The changes are not modifications under any provision of Title I of the Clean Air Act;
 - (2) Any approval required by 326 IAC 2-8-11.1 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
Permits Branch, Office of Air Quality
100 North Senate Avenue
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 2-8-15(b). The Permittee shall make such records available, upon reasonable request, to public review.

Such records shall consist of all information required to be submitted to IDEM, OAQ, in the notices specified in 326 IAC 2-8-15(b), (c)(1), and (d).

- (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 2-8-15(a) and the following additional conditions:
- (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 by the Permittee does not require the certification by the authorized individual as defined by 326 IAC 2-1.1-1.

- (c) Emission Trades [326 IAC 2-8-15(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 2-8-15(c).
- (d) Alternative Operating Scenarios [326 IAC 2-8-15(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 2-8-4(7). 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 Permit Revision Requirement [326 IAC 2-8-11.1]

A modification, construction, or reconstruction is governed by the requirements of 326 IAC 2 and 326 IAC 2-8-11.1.

B.21 Inspection and Entry [326 IAC 2-8-5(a)(2)] [IC 13-14-2-2]

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 FESOP 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, at reasonable times, 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 at reasonable times, 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, at reasonable times, 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 2-8-10]

- (a) The Permittee must comply with the requirements of 326 IAC 2-8-10 whenever the Permittee seeks to change the ownership or operational control of the source and no other change in the permit is necessary.
- (b) Any application requesting a change in the ownership or operational control of the source shall contain a written agreement containing a specific date for transfer of permit responsibility, coverage and liability between the current and new Permittee. The application shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

The application which shall be submitted by the Permittee does require the certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-8-11(b)(3)]

B.23 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-8-4(6)] [326 IAC 2-8-16]

- (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) 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 2-8-4(3)][326 IAC 2-8-5][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

Emissions Limitations and Standards [326 IAC 2-8-4(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 Overall Source Limit [326 IAC 2-8] [326 IAC 2-2]

The purpose of this permit is to limit this source's potential to emit to less than major source levels for the purpose of Section 502(a) of the Clean Air Act.

(a) Pursuant to 326 IAC 2-8:

- (1) The potential to emit any regulated pollutant, except particulate matter (PM), from the entire source shall be limited to less than one-hundred (100) tons per twelve (12) consecutive month period. This limitation shall also make the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) not applicable;
- (2) The potential to emit any individual hazardous air pollutant (HAP) from the entire source shall be limited to less than ten (10) tons per twelve (12) consecutive month period; and
- (3) The potential to emit any combination of HAPs from the entire source shall be limited to less than twenty-five (25) tons per twelve (12) consecutive month period.

(b) Pursuant to 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)), potential to emit particulate matter (PM) from the entire source shall be limited to less than two hundred fifty (250) tons per twelve (12) consecutive month period. This limitation shall make the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) not applicable.

(c) This condition shall include all emission points at this source including those that are insignificant as defined in 326 IAC 2-7-1(21). The source shall be allowed to add insignificant activities not already listed in this permit, provided that the source's potential to emit does not exceed the above specified limits.

(d) Section D of this permit contains independently enforceable provisions to satisfy this requirement.

C.3 Opacity [326 IAC 5-1]

Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following, unless otherwise stated in this permit:

- (a) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
- (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

C.4 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.5 Incineration [326 IAC 4-2] [326 IAC 9-1-2(3)]

The Permittee shall not operate an incinerator or incinerate any waste or refuse except as provided in 326 IAC 4-2 and in 326 IAC 9-1-2.

C.6 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).

C.7 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.

C.8 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
Asbestos Section, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

The notice shall include a signed certification from the owner or operator that the information provided in this notification is correct and that only Indiana licensed workers and project supervisors will be used to implement the asbestos removal project. The

notifications do not require a certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

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

Testing Requirements [326 IAC 2-8-4(3)]

C.9 Performance Testing [326 IAC 3-6]

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

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

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

no later than thirty-five (35) days prior to the intended test date. The protocol submitted by the Permittee does not require certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).

- (b) The Permittee shall notify IDEM, OAQ of the actual test date at least fourteen (14) days prior to the actual test date. The notification submitted by the Permittee does not require certification by the "authorized individual" as defined by 326 IAC 2-1.1-1(1).
- (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 source 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.10 Compliance Requirements [326 IAC 2-1.1-11]

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

Compliance Monitoring Requirements [326 IAC 2-8-4] [326 IAC 2-8-5(a)(1)]

C.11 Compliance Monitoring [326 IAC 2-8-4(3)] [326 IAC 2-8-5(a)(1)]

Unless otherwise specified in this permit, all monitoring and record keeping requirements not already legally required shall be implemented upon issuance of this permit. If required by Section D, the Permittee shall be responsible for installing any necessary equipment and initiating any required monitoring related to that equipment.

Unless otherwise specified in the approval for the new emissions unit, compliance monitoring for new emission units or emission units added through a permit revision shall be implemented when operation begins.

C.12 Monitoring Methods [326 IAC 3] [40 CFR 60] [40 CFR 63]

Any monitoring or testing required by Section D of this permit shall be performed according to the provisions of 326 IAC 3, 40 CFR 60, Appendix A, 40 CFR 60 Appendix B, 40 CFR 63 or other approved methods as specified in this permit.

C.13 Instrument Specifications [326 IAC 2-1.1-11] [326 IAC 2-8-4(3)] [326 IAC 2-8-5(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 2-8-4] [326 IAC 2-8-5(a)(1)]

C.14 Risk Management Plan [326 IAC 2-8-4] [40 CFR 68.215]

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

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

C.15 Response to Excursions or Exceedances [326 IAC 2-8-4] [326 IAC 2-8-5]

- (a) Upon detecting an excursion or exceedance, the Permittee shall restore operation of the emissions unit (including any control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions.
- (b) The response shall include minimizing the period of any startup, shutdown or malfunction and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). Corrective actions may include, but are not limited to, the following:
 - (1) initial inspection and evaluation;
 - (2) recording that operations returned to normal without operator action (such as through response by a computerized distribution control system); or
 - (3) any necessary follow-up actions to return operation to within the indicator range, designated condition, or below the applicable emission limitation or standard, as applicable.
- (c) A determination of whether the Permittee has used acceptable procedures in response to an excursion or exceedance will be based on information available, which may include, but is not limited to, the following:
 - (1) monitoring results;

- (2) review of operation and maintenance procedures and records;
- (3) inspection of the control device, associated capture system, and the process.
- (d) Failure to take reasonable response steps shall be considered a deviation from the permit.
- (e) The Permittee shall maintain the following records:
 - (1) monitoring data;
 - (2) monitor performance data, if applicable; and
 - (3) corrective actions taken.

C.16 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-8-4][326 IAC 2-8-5]

- (a) When the results of a stack test performed in conformance with Section C - Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall take appropriate response actions. The Permittee shall submit a description of these response actions to IDEM, OAQ, within thirty (30) days of receipt of the test results. The Permittee shall take appropriate action to minimize excess emissions from the affected facility while the response actions are being implemented.
- (b) A retest to demonstrate compliance shall be performed within one hundred twenty (120) days of receipt of the original test results. Should the Permittee demonstrate to IDEM, OAQ that retesting in one-hundred and twenty (120) days is not practicable, IDEM, OAQ may extend the retesting deadline.
- (c) IDEM, OAQ reserves the authority to take any actions allowed under law in response to noncompliant stack tests.

The documents submitted pursuant to this condition do require the certification by the authorized individual as defined by 326 IAC 2-1.1-1(1).

Record Keeping and Reporting Requirements [326 IAC 2-8-4(3)]

C.17 General Record Keeping Requirements [326 IAC 2-8-4(3)] [326 IAC 2-8-5]

- (a) Records of all required data, reports and support information shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be kept at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.
- (b) Unless otherwise specified in this permit, all record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance.

C.18 General Reporting Requirements [326 IAC 2-8-4(3)(C)] [326 IAC 2-1.1-11]

- (a) The source shall submit the attached Quarterly Deviation and Compliance Monitoring Report or its equivalent. Any deviation from permit requirements, the date(s) of each deviation, the cause of the deviation, and the response steps taken must be reported. This report shall be submitted within thirty (30) days of the end of the reporting period. The Quarterly Deviation and Compliance Monitoring Report shall include the certification by the authorized individual as defined by 326 IAC 2-1.1-1(1).
- (b) The report required in (a) of this condition and reports required by conditions in Section D of this permit shall be submitted to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204-2251

- (c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.
- (d) Unless otherwise specified in this permit, any quarterly report required in Section D of this permit shall be submitted within thirty (30) days of the end of the reporting period. The reports do require the certification by the authorized individual as defined by 326 IAC 2-1.1-1(1).
- (e) Reporting periods are based on calendar years.

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 the standards for recycling and emissions reduction:

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

SECTION D.1 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-8-4(10)]:

- (a) Two (2) black beauty sand blasters (identified as BLA020 and BLA021), each with a maximum nozzle flow rate of 1,020 pounds of grit per hour, controlled by baghouses DUC044 and BLA021, respectively, and venting into the building. Baghouse DUC044 is capable of venting to the atmosphere.
- (b) Three (3) steel shot blasters (identified as BLA026, BLA027, and BLA028), each with a maximum process rate of 800 pounds of steel per hour, controlled by baghouses DUC040, DUC044, and DUC041, respectively, and venting into the building.
- (c) Two (2) soda blaster cabinets (identified as BLA035 and BLA036), constructed in 1999, each with a maximum abrasive usage of 12.5 pounds per hour and a maximum process rate of 1,020 pounds of parts per hour, both controlled by a baghouse DUC046, and venting into the building.
- (h) One (1) plastic pellet blaster (identified as BLA04) controlled by baghouse BLA04, and venting into 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 2-8-4(1)]

D.1.1 PM10 Limit [326 IAC 2-8-4]

- (a) Pursuant to FESOP #025-8935-00012, issued March 6, 1998 and revised through this renewal, and 326 IAC 2-8-4 (FESOP), the allowable PM10 emissions from the baghouses, which are used to control the emissions from the blasters and the soda blast cabinets, shall not exceed the limits listed in the table below. These emission limits are equivalent to a total of 68.9 tons of PM10 emissions per year.

Baghouse ID	Process ID	PM10 Emission Limit (lbs/hr)
BLA021	BLA021	1.24
BLA04	BLA04	1.24
DUC040	BLA026	0.5
DUC041	BLA028	0.5
DUC044	BLA020	4.74
	BLA027	
DUC046	BLA035	7.5
	BLA036	

- (a) Units BLA022 and BLA047 shall be controlled using particulate air pollution control devices achieving and maintaining a minimum ninety-nine percent (99%) efficiency.
- (b) Visible emissions from units BLA022 and BLA047 shall not exceed 0% opacity.

In conjunction with PM₁₀ limitations in Sections D.2 and D.3, the PM₁₀ emissions from the entire source are limited to less than 100 tons per year. Therefore, the requirements of 326 IAC 2-7 are not applicable.

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

Pursuant to 326 IAC 6-3-2(e) (Manufacturing Processes), the allowable particulate emissions from each blaster and soda blast cabinet shall not exceed the pounds per hour rate listed in the table below.

Process ID	Throughput Rate (lbs/hr)	PM Emission Limit (lbs/hr)
BLA002	1,020	2.61
BLA020	1,020	2.61
BLA021	1,020	2.61
BLA022	1,020	2.61
BLA04	1,020	2.61
BLA026	800	2.22
BLA027	800	2.22
BLA028	800	2.22
BLA035	1,020	2.61
BLA036	1,020	2.61
BLA047	1,020	2.61

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

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

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

D.1.3 Preventive Maintenance Plan [326 IAC 2-8-4(9)]

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

Compliance Determination Requirements

D.1.4 Particulate and PM10 Emissions

- (a) In order to comply with Conditions D.1.1 and D.1.2, the baghouses used for particulate control shall be in operation and control emissions from the blasters and the soda blast cabinets at all times the blasters and the soda blast cabinets 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 2-8-4] [326 IAC 2-8-5(a)(1)]

D.1.5 Visible Emissions Notations

- (a) Visible emission notations of the stack exhaust from baghouse #DUC044 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 steps in accordance with Section C – Response to Excursions or Exceedances. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances, shall be considered a deviation from this permit.

D.1.6 Parametric Monitoring

The Permittee shall record the pressure drop across baghouse #DUC044, at least once per day when an emission unit that it controls is in operation and venting to the atmosphere. When for any one reading, the pressure drop across Baghouse #DUC044 is outside the normal range of 0.5 and 5.0 inches of water or a range established during the latest stack test, the Permittee shall take reasonable response steps in accordance with Section C – Response to Exceedances or Excursions. A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps in accordance with Section C - Response to Exceedances or Excursions, shall be considered a deviation from this permit.

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

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, dust traces or triboflows.

Record Keeping and Reporting Requirement [326 IAC 2-8-4(3)] [326 IAC 2-8-16]

D.1.8 Record Keeping Requirements

- (a) To document compliance with Condition D.1.5, the Permittee shall maintain records of visible emission notations of the stack exhaust from baghouse DUC044 when venting to the atmosphere.
- (b) To document compliance with Condition D.1.6, the Permittee shall maintain the following operational parameters for baghouse DUC044 when venting to the atmosphere:
 - (1) Once per day records of the pressure drop during normal operation when venting to the atmosphere.
 - (2) Documentation of the dates vents are redirected.
- (c) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

SECTION D.2

FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-8-4(10)]:

- (d) One (1) salt bath cleaning line, with a maximum throughput rate of 16,000 pounds of parts per hour, consisting of the following:
- (1) Two (2) molten salt cleaning tanks (identified as KOL013 and KOL014), each with a maximum capacity of 1,200 gallons and each heated by a 2.5 MMBtu/hr natural gas burner, both controlled by a wet scrubber KOL015.
 - (2) Two (2) acid derust tanks (identified as KOL016 and KOL017), each with a maximum capacity of 1,800 gallons.
 - (3) One (1) acid rinsing tank (identified as KOL018), with a maximum capacity of 1,200 gallons.
 - (4) One (1) alkaline derusting tank (identified as KOL019), with a maximum capacity of 1,200 gallons.
 - (5) One (1) alkaline rinsing tank (identified as KOL020), with a maximum capacity of 1,200 gallons.
 - (6) One (1) quenching tank (identified as KOL021), with a maximum capacity of 1,800 gallons.
 - (7) One (1) hot rinsing tank (identified as KOL022), with a maximum capacity of 1,800 gallons.

(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 2-8-4(1)]

D.2.1 PM10 Limit [326 IAC 2-8]

Pursuant to 326 IAC 2-8-4 (FESOP), the PM10 emissions from the salt bath cleaning line shall not exceed 0.39 pounds per hour. This limit is equivalent to a total of 1.71 tons of PM10 emissions per year from the cleaning process. In conjunction with PM10 limitations in Sections D.1 and D.3, the PM10 emissions from the entire source are limited to less than 100 tons per year. Therefore, the requirements of 326 IAC 2-7 are not applicable.

D.2.2 Particulate [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2(e) (Manufacturing Processes), the allowable particulate emissions from the salt cleaning line shall not exceed 16.5 pounds per hour when operating at a process weight rate of 16,000 pounds per hour.

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

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

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

D.2.3 Particulate and PM10 Emissions

In order to comply with Conditions D.2.1 and D.2.2, scrubber KOL015 shall be in operation at all times that the salt bath cleaning line is in operation.

D.2.4 Preventive Maintenance Plan [326 IAC 2-8-4(9)]

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

Compliance Monitoring Requirements [326 IAC 2-8-4] [326 IAC 2-8-5(a)(1)]

D.2.5 Visible Emissions Notations

- (a) Visible emission notations of the scrubber (KOL015) stack 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 steps in accordance with Section C – Response to Excursions or Exceedances. Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances, shall be considered a deviation from this permit.

D.2.6 Parametric Monitoring

The Permittee shall monitor and record the pressure drop and flow rate of the scrubber KOL015, at least once per day when the associated salt bath cleaning line is in operation. When for any one reading, the pressure drop across any of the scrubbers is outside the normal range of 16 and 28 inches of water, or a range established during the latest stack test, the Permittee shall take reasonable response steps in accordance with Section C - Response to Exceedances or Excursions. When for any one reading, the flow rate of the scrubber is less than the normal minimum of 165 gallons per minute, or a minimum established during the latest stack test, the Permittee shall take reasonable response steps in accordance with Section C - Response to Exceedances or Excursions. A pressure reading that is outside the above mention range or a flow rate that is below the above mentioned minimum is not a deviation from this permit. Failure to take response steps in accordance with Section C - Response to Exceedances or Excursions shall be considered a deviation from this permit.

The instruments used for determining the pressure drop and flow rate 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.

[Note: Based on manufacturer's information, to maintain the manifold pressure in the range of 7.0 to 8.5 psig ensures the minimum flow rate of 165 gallons per minute for the scrubber.]

D.2.7 Failure Detection

In the event that a scrubber malfunction has been observed:

Failed units and the associated process will be shut down immediately until the failed units have 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). Failure to take response steps in accordance with Section C - Response to Excursions or Exceedances shall be considered a deviation from this permit.

Record Keeping and Reporting Requirement [326 IAC 2-8-4(3)] [326 IAC 2-8-16]

D.2.8 Record Keeping Requirements

- (a) To document compliance with Condition D.2.5, the Permittee shall maintain records of visible emission notations of the scrubber stack exhaust when venting to the atmosphere.

- (b) To document compliance with Condition D.2.6, the Permittee shall maintain records of the following operational parameters for scrubber KOL015 once per day during normal operation:
 - (1) pressure drop; and
 - (2) flow rate.

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

SECTION D.3

FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-8-4(10)]:

- (e) One (1) surface coating booth (identified as PTB006), constructed in 1999, with a maximum capacity of 145 engines and transmissions per day, equipped with High Volume Low Pressure (HVLP) spray guns and using dry filters for overspray control.
- (l) One (1) surface coating booth (identified as PTB010), with a maximum capacity of 30 torque converters per hour, equipped with High Volume Low Pressure (HVLP) spray guns and using dry filters for overspray control.

(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 2-8-4(1)]

D.3.1 PM10 Limit [326 IAC 2-8-4]

Pursuant to 326 IAC 2-8-4 (FESOP):

- (a) the PM10 emissions from booth PTB006 shall not exceed 0.4 pounds per hour.
- (b) Booth PTB010 shall be controlled using a particulate air pollution control device achieving and maintaining a minimum ninety-nine percent (99%) efficiency.
- (c) Visible emissions from booth PTB010 shall not exceed 0% opacity.

This is equivalent to 1.75 tons per year of PM10 emissions or less from each coating booth. In conjunction with PM10 limitations in Sections D.1 and D.2, the PM10 emissions from the entire source are limited to less than 100 tons per year. Therefore, the requirements of 326 IAC 2-7 are not applicable.

D.3.2 Particulate [326 IAC 6-3-2 (d)]

Pursuant to 326 IAC 6-3-2(d) and in order to comply with Condition D.3.1, the dry filters for particulate control shall be in operation in accordance with manufacturer's specifications and control emissions at all times when the spray booth that it controls is in operation.

D.3.3 Volatile Organic Compounds [326 IAC 8-2-9]

- (a) Pursuant to 326 IAC 8-2-9 (Miscellaneous Metal Coating Operations), no owner or operator of a facility engaged in the surface coating of miscellaneous metal parts or products may cause, allow, or permit the discharge into the atmosphere of any volatile organic compounds in excess of three and five tenths (3.5) pounds of VOC per gallon of extreme high performance coating excluding water, delivered to a coating applicator.
- (b) Pursuant to 326 IAC 8-2-9 (Miscellaneous Metal Coating Operations), solvent sprayed from the application equipment during clean up or color changes shall be directed into containers. Such containers shall be closed as soon as such solvent spraying is complete, and the waste solvent shall be disposed of in such a manner that evaporation is minimized.

D.3.4 Preventive Maintenance Plan [326 IAC 2-8-4(9)]

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

Compliance Determination Requirements

D.3.5 VOC Emissions

Compliance with the VOC content limitation contained in Conditions D.3.2(a) shall be determined pursuant to 326 IAC 8-1-4(a)(3) and 326 IAC 8-1-2(a) using formulation data supplied by the coating manufacturer. IDEM, OAQ, reserves the authority to determine compliance using Method 24 in conjunction with the analytical procedures specified in 326 IAC 8-1-4.

SECTION D.4

FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-8-4(10)]

- (f) Two (2) natural gas-fired boilers, each with a maximum heat input capacity of 17 million British thermal units (MMBtu) per hour, constructed after 1990, and exhausting to stacks FEQ016 and FEQ017, respectively.
- (g) Four (4) natural gas-fired internal combustion engines, each with a maximum rate of 0.725 MMBtu/hr.

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

Emission Limitations and Standards [326 IAC 2-8-4(1)]

D.4.1 Particulate [326 IAC 6-2-4]

Pursuant to 326 IAC 6-2-4 (Particulate emission limitations for sources of indirect heating: emission limitations for facilities specified in 326 IAC 6-2-1 (b)), the particulate emissions from each 17 MMBtu/hr boiler shall not exceed 0.44 pounds per MMBtu input.

This limitation is based on the following equation:

$$P_t = \frac{1.09}{Q^{0.26}} \quad \text{Where } P_t = \text{emission rate limit (lbs/MMBtu)}$$

$Q = \text{total source heat input capacity (MMBtu/hr)}$

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

The provisions of 40 CFR Part 60, Subpart A - General Provisions, which are incorporated by reference in 326 IAC 12-1, apply to these boilers except when otherwise specified in 40 CFR Part 60, Subpart Dc.

D.4.3 Particulate Matter and Sulfur Dioxide [40 CFR 60, Subpart Dc][326 IAC 12-1]

These two boilers are subject to 40 CFR 60, Subpart Dc (New Source Performance Standards for Small Industrial - Commercial - Institutional Steam Generation Units). However, there are no applicable emission limitations, only record keeping requirements as described in Condition D.4.5.

D.4.4 Preventive Maintenance Plan [326 IAC 2-8-4(9)]

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

Record Keeping and Reporting Requirement [326 IAC 2-8-4(3)] [326 IAC 2-8-16]

D.4.5 Record Keeping Requirements [40 CFR 60, Subpart Dc]

- (a) Pursuant to 40 CFR 60.48(c)(g), the Permittee shall maintain daily fuel usage records to demonstrate compliance with Condition D.4.3.
- (b) Pursuant to 40 CFR 60.48(c)(i), all records required in item (a) shall be maintained by the owner or operator of the affected facilities for a period of two (2) years following the date of such record.

SECTION D.5

FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-8-4(10)]: Insignificant Activities

(b) The following equipment related to manufacturing activities not resulting in the emission of HAPs: brazing equipment, cutting torches, soldering equipment, welding equipment, including the following:

- (1) Metal Inert Gas (MIG) stations.
- (2) Stick welding stations.
- (3) Tungsten Inert Gas (TIG) stations.
- (6) One (1) hub welding station.

(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 2-8-4(1)]

D.5.1 Particulate [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2(e) (Particulate Emissions Limitations for Manufacturing Processes), the allowable particulate emissions from each of the welding processes shall not exceed the allowable emission rate based on the following equation:

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

SECTION D.6

FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-8-4(10)]:

- (i) One (1) abrasive blasting unit using steel shot as the blast media (identified as BLA002), controlled by baghouse DUC044, and venting either into the building or to the atmosphere.
- (j) One (1) abrasive blasting unit using coal slag as the blast media (identified as BLA022), controlled by baghouse BLA022, and venting into the building.
- (k) One (1) abrasive blasting unit using aluminum oxide as the blast media (identified as BLA047), controlled by baghouse BLA047, and venting into the building.

Baghouse DUC044 is shared with emission units listed in Section D.1 of this permit.

(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 2-8-4(1)]

D.6.1 PM10 Limit [326 IAC 2-8-4]

- (a) Baghouse DUC044 shall comply with the PM10 emission limit stated in Section D.1 of this permit.
- (b) Units BLA022 and BLA047 shall be controlled using particulate air pollution control devices achieving and maintaining a minimum ninety-nine percent (99%) efficiency.
- (c) Visible emissions from units BLA022 and BLA047 shall not exceed 0% opacity.

D.6.2 Particulate [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2(e) (Particulate Emissions Limitations for Manufacturing Processes), the allowable particulate emissions from each abrasive blasting unit shall not exceed the pounds per hour rate given by the following equation for process weight rates up to sixty thousand (60,000) pounds per hour:

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

D.6.3 Preventive Maintenance Plan [326 IAC 2-8-4(9)]

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

Compliance Determination Requirements

D.6.4 Particulate and PM10 Emissions

- (a) In order to comply with Conditions D.7.1 and D.7.2, the particulate control devices shall be in operation at all times when an emission unit that it controls 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 2-8-4] [326 IAC 2-8-5(a)(1)]

D.6.5 Visible Emissions Notations

Baghouse DUC044 shall comply with the visible emission requirements listed in Section D.1 of this permit.

D.6.6 Parametric Monitoring

Baghouse DUC044 shall comply with the parametric monitoring requirements listed in Section D.1 of this permit.

Record Keeping and Reporting Requirement [326 IAC 2-8-4(3)] [326 IAC 2-8-16]

D.6.7 Record Keeping Requirements

Baghouse DUC044 shall comply with the record keeping requirements listed in Section D.1 of this permit.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT OFFICE OF AIR QUALITY

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP) CERTIFICATION

Source Name: Jasper Engine Exchange, Inc.
Source Address: 6400 East Industrial Lane, Leavenworth, Indiana 47137
Mailing Address: P.O. Box 650, Jasper, Indiana 47547
FESOP No.: 025-15881-00012

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

Please check what document is being certified:

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

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

Signature:

Printed Name:

Title/Position:

Date:

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE BRANCH
100 North Senate Avenue
Indianapolis, Indiana 46204-2251
Phone: 317-233-5674
Fax: 317-233-5967**

**FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)
EMERGENCY OCCURRENCE REPORT**

Source Name: Jasper Engine Exchange, Inc.
Source Address: 6400 East Industrial Lane, Leavenworth, Indiana 47137
Mailing Address: P.O. Box 650, Jasper, Indiana 47547
FESOP No.: 025-15881-00012

This form consists of 2 pages

Page 1 of 2

9 This is an emergency as defined in 326 IAC 2-7-1(12)
XThe Permittee must notify the Office of Air Quality (OAQ), within four (4) business hours (1-800-451-6027 or 317-233-5674, ask for Compliance Section); and
XThe Permittee must submit notice in writing or by facsimile within two (2) days (Facsimile Number: 317-233-5967), and follow the other requirements of 326 IAC 2-7-16

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

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

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

Page 2 of 2

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

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

A certification is not required for this report.

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

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP) QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT

Source Name: Jasper Engine Exchange, Inc.
Source Address: 6400 East Industrial Lane, Leavenworth, Indiana 47137
Mailing Address: P.O. Box 650, Jasper, Indiana 47547
FESOP No.: 025-15881-00012

Months: _____ to _____ Year: _____

Page 1 of 2

<p>This report is an affirmation that the source has met all the requirements stated in this permit. This report shall be submitted quarterly based on a calendar year. Any deviation from the requirements, the date(s) of each deviation, the probable cause of the deviation, and the response steps taken must be reported. A deviation required to be reported pursuant to an applicable requirement that exists independent of the permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report. Additional pages may be attached if necessary. If no deviations occurred, please specify in the box marked <input type="checkbox"/> No deviations occurred this reporting period.</p>	
<p><input type="checkbox"/> NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.</p>	
<p><input type="checkbox"/> THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD</p>	
<p>Permit Requirement (specify permit condition #)</p>	
<p>Date of Deviation:</p>	<p>Duration of Deviation:</p>
<p>Number of Deviations:</p>	
<p>Probable Cause of Deviation:</p>	
<p>Response Steps Taken:</p>	
<p>Permit Requirement (specify permit condition #)</p>	
<p>Date of Deviation:</p>	<p>Duration of Deviation:</p>
<p>Number of Deviations:</p>	
<p>Probable Cause of Deviation:</p>	
<p>Response Steps Taken:</p>	

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

Form Completed By:

Title/Position:

Date:

Phone:

Attach a signed certification to complete this report.

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

**Technical Support Document (TSD) for a Significant Permit Revision
to a Federally Enforceable State Operating Permit (FESOP)**

Source Background and Description

Source Name:	Jasper Engine Exchange, Inc.
Source Location:	6400 East Industrial Lane, Leavenworth, Indiana 47137-8316
County:	Crawford
SIC Code:	3714
Operation Permit No.:	025-15881-00012
Operation Permit Issuance Date:	November 1, 2002
Permit Revision No.:	025-22253-00012
Permit Reviewer:	ERG/SD

Permitted Emission Units and Pollution Control Equipment

There are no changes to the existing permitted emission units and pollution control equipment included in this Significant Permit Revision to a FESOP.

Insignificant Activities

There are no changes to the existing insignificant activities included in this Significant Permit Revision to a FESOP.

Recommendation

The staff recommends to the Commissioner that the Significant Permit Revision be approved. This recommendation is based on the following facts and conditions:

Unless otherwise stated, information used in this review was derived from the application and additional information submitted by the applicant.

An application for the purposes of this review was received on November 28, 2005.

Justification for Revision

Jasper Engine Exchange, Inc. was issued a Federally Enforceable State Operating Permit (FESOP) renewal on November 1, 2002 for a stationary plant that remanufactures old worn-out vehicle engines, transmissions, etc. A letter requesting changes to this permit was received on November 28, 2005. The FESOP is being modified through a Significant Permit Revision. This revision is being performed pursuant to 326 IAC 2-8-11.1(f) because it involves significant changes to the permit.

County Attainment Status

The source is located in Crawford County.

Pollutant	Status
PM10	Attainment
PM2.5	Attainment
SO ₂	Attainment
NO ₂	Attainment
1-hour Ozone	Attainment
8-hour Ozone	Attainment
CO	Attainment
Lead	Attainment

- (a) 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 emissions and NOx are considered when evaluating the rule applicability relating to ozone. Crawford County has been designated as attainment or unclassifiable for ozone. Therefore, VOC emissions and NOx were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2. See the State Rule Applicability - Entire Source section.
- (b) Crawford County has been classified as unclassifiable or attainment for PM2.5. U.S. EPA has not yet established the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2 for PM 2.5 emissions. Therefore, until the U.S.EPA adopts specific provisions for PSD review for PM2.5 emissions, it has directed states to regulate PM10 emissions as surrogate for PM2.5 emissions. See the State Rule Applicability – Entire Source section.
- (c) Crawford County has been classified as attainment or unclassifiable in Indiana for all other criteria. Therefore, these 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.
- (d) Fugitive Emissions
Since this type of operation is not one of the 28 listed source categories under 326 IAC 2-2 or 2-3 and since there are no applicable New Source Performance Standards that were in effect on August 7, 1980, the fugitive particulate matter (PM) and volatile organic compound (VOC) emissions are not counted toward determination of PSD and Emission Offset applicability.

Federal Rule Applicability

There are no changes to federal rules included in this Significant Permit Revision to a FESOP.

State Rule Applicability

There are no changes to state rules included in this Significant Permit Revision to a FESOP.

Changes to the FESOP

The following changes were requested in the application for this Significant Permit Revision. Bolded language has been added, and the language with a line through it has been deleted. The Table of Contents has been modified and conditions have been renumbered to reflect these changes.

1. IDEM has determined that the Permittee is not required to keep records of all preventive maintenance. However, where the Permittee seeks to demonstrate that an emergency has occurred, the Permittee must provide, upon request records of preventive maintenance in order to

establish that the lack of proper maintenance did not cause or contribute to the deviation. Therefore, IDEM has deleted paragraph (b) of Section B – Preventive Maintenance and has amended the Section B – Emergency Provisions condition as follows:

B.13 Preventive Maintenance Plan [326 IAC 1-6-3] [326 IAC 2-8-4(9)] [326 IAC 2-8-5(a)(1)]

...

- (b) ~~The Permittee shall implement the PMPs, including any required record keeping as necessary to ensure that failure to implement a PMP does not cause or contribute to an exceedance of any limitation on emissions or potential to emit.~~
- ~~(e)~~ (b) A copy of the PMPs shall be submitted to IDEM, OAQ, upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ, may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions or potential to emit. The PMPs does not require the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).
- ~~(d)~~ (c) To the extent the Permittee is required by 40 CFR Part 60/63 to have an Operation Maintenance, and Monitoring (OMM) Plan for a unit, such Plan is deemed to satisfy the PMP requirements of 326 IAC 1-6-3 for that unit.

B.14 Emergency Provisions [326 IAC 2-8-12]

...

- (b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describe the following:
- (1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;
 - (2) The permitted facility was at the time being properly operated;
 - (3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;
 - (4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAQ, within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;

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

Southwest Regional Office

Telephone No.: 1-888-672-8323 or,
Telephone No.: 812-436-2570
Facsimile No.: 812-436-2572

Failure to notify IDEM, OAQ and Southwest Regional Office, by telephone or facsimile within four (4) daytime business hours after the beginning of the emergency, or after the emergency is discovered or reasonably should have been discovered, shall constitute a violation of 326 IAC 2-8 and any other applicable rules. [326 IAC 2-8-12(f)]

- (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 Branch, Office of Air Quality
100 North Senate Avenue, ~~P. O. Box 6015~~
Indianapolis, Indiana ~~46206-6015~~ **46204-2251**

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

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

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

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

- (6) The Permittee immediately took all reasonable steps to correct the emergency.
- (c) In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.
- (d) This emergency provision supersedes 326 IAC 1-6 (Malfunctions). This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.
- (e) **The Permittee seeking to establish the occurrence of an emergency shall make records available upon request to ensure that failure to implement a PMP did not cause or contribute to an exceedance of any limitations on emissions. However, IDEM, OAQ, may require that the Preventive Maintenance Plans required under 326 IAC 2-7-4(c)(9) be revised in response to an emergency.**
- (f) Failure to notify IDEM, OAQ, by telephone or facsimile of an emergency lasting more than one (1) hour in accordance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-7 and any other applicable rules.
- (g) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.
- (h) **The Permittee shall include all emergencies in the Quarterly Deviation and Compliance Monitoring Report.**

2. IDEM has clarified the Section B - Operational Flexibility condition as follows:

B.19 Operational Flexibility [326 IAC 2-8-15]

- (a) The Permittee may make any change or changes at this source that are described in 326 IAC 2-8-15(b) through (d), without prior permit revision, if each of the following conditions is met:

- (1) The changes are not modifications under any provision of Title I of the Clean Air Act;
- (2) Any approval required by 326 IAC 2-8-11.1 has been obtained;
- (3) The changes do not result in emissions which exceed the ~~emissions allowable under limitations provided in~~ **emissions allowable under 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
Permits Branch, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana ~~46206-6015~~ **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, ~~on a rolling five (5) year basis~~, all such changes and emissions trading **trades** that are subject to 326 IAC 2-8-15(b) through (d). ~~and makes~~ **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 2-8-15(b)(2), (c)(1), and (d).

- (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 2-8-15(a) and the following additional conditions:

- (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 by the Permittee does not require the certification by the ~~authorized individual~~ as defined by 326 IAC 2-1.1-1.

- (c) Emission Trades [326 IAC 2-8-15(c)]
The Permittee may trade **emissions** increases and decreases ~~in emissions in~~ **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 2-8-15(c).
- (d) Alternative Operating Scenarios [326 IAC 2-8-15(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 2-8-4(7). 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.**

3. IDEM has determined that in order to avoid duplication of requirements which may be included in D sections, Condition C.8 shall be removed from the permit.

~~C.6 Operation of Equipment [326 IAC 2-8-5(a)(4)]~~

~~Except as otherwise provided by statute, rule or in this permit, all air pollution control equipment listed in this permit and used to comply with an applicable requirement shall be operated at all times that the emission unit vented to the control equipment is in operation.~~

4. IDEM realizes that the specifications of Condition C.13 can only be practically applied to analog units, and has therefore clarified the condition to state that the condition only applies to analog units. Upon further review, IDEM has also determined that the accuracy of the instruments is not nearly as important as whether the instrument has a range that is appropriate for the normal expected reading of the parameter. Therefore, the accuracy requirements have been removed from the condition.

~~C.13 Pressure Gauge Instrument Specifications [326 IAC 2-1.1-11] [326 IAC 2-8-4(3)][326 IAC 2-8-5(1)]~~

~~(a) Whenever a condition in this permit requires the measurement of pressure drop across any part of the unit or its control device, the gauge employed~~ **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 normal maximum reading shall be no less than twenty percent (20%) of full scale and be accurate within plus or minus two percent ($\pm 2\%$) of full scale reading.**

~~(b) Whenever a condition in this permit requires the measurement of a temperature, flow rate, or pH level, the instrument employed shall have a scale such that the expected normal reading shall be no less than twenty percent (20%) of full scale and be accurate within plus or minus two percent ($\pm 2\%$) of full scale reading.~~

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

5. IDEM has reconsidered the requirement to develop and follow a Compliance Response Plan. The Permittee will still be required to take reasonable response steps when a compliance monitoring parameter is determined to be out of range or abnormal. Replacing the requirement to develop and follow a Compliance Response Plan with a requirement to take reasonable response steps will ensure that the control equipment is returned to proper operation as soon as practicable, while still allowing the Permittee the flexibility to respond to situations that were not anticipated. The Section D conditions that refer to this condition have been revised to reflect the new condition title, and the following changes have been made to the Section C condition:

~~C.15 Compliance Response Plan – Preparation, Implementation, Records, and Reports
Response to Excursions or Exceedances [326 IAC 2-8-4] [326 IAC 2-8-5]~~

~~The Permittee is required to prepare a Compliance Response Plan (CRP) for each compliance monitoring condition of this permit. A CRP shall be submitted to IDEM, OAQ upon request. The CRP shall be prepared within ninety (90) days after issuance of this permit by the Permittee, supplemented from time to time by the Permittee, maintained on-site, and is comprised of:~~

- ~~(1) Reasonable response steps that may be implemented in the event that a response step is needed pursuant to the requirements of Section D of this permit; and an expected time frame for taking reasonable response steps.~~
 - ~~(2) If, at any time, the Permittee takes reasonable response steps that are not set forth in the Permittee's current Compliance Response Plan and the Permittee documents such response in accordance with subsection (e) below, the Permittee shall amend its Compliance Response Plan to include such response steps taken.~~
- ~~(b) For each compliance monitoring condition of this permit, reasonable response steps shall be taken when indicated by the provisions of that compliance monitoring condition as follows:~~
- ~~(1) Reasonable response steps shall be taken as set forth in the Permittee's current Compliance Response Plan; or~~
 - ~~(2) If none of the reasonable response steps listed in the Compliance Response Plan is applicable or responsive to the excursion, the Permittee shall devise and implement additional response steps as expeditiously as practical. Taking such additional response steps shall not be considered a deviation from this permit so long as the Permittee documents such response steps in accordance with this condition.~~
 - ~~(3) If the Permittee determines that additional response steps would necessitate that the emissions unit or control device be shut down, and it will be ten (10) days or more until the unit or device will be shut down, then the Permittee shall promptly notify the IDEM, OAQ of the expected date of the shut down. The notification shall also include the status of the applicable compliance monitoring parameter with respect to normal, and the results of the response actions taken up to the time of notification.~~
 - ~~(4) Failure to take reasonable response steps shall be considered a deviation from the permit.~~
- ~~(c) The Permittee is not required to take any further response steps for any of the following reasons:~~
- ~~(1) A false reading occurs due to the malfunction of the monitoring equipment and prompt action was taken to correct the monitoring equipment.~~
 - ~~(2) The Permittee has determined that the compliance monitoring parameters established in the permit conditions are technically inappropriate, has previously submitted a request for an administrative amendment to the permit, and such request has not been denied.~~
 - ~~(3) An automatic measurement was taken when the process was not operating.~~
 - ~~(4) The process has already returned or is returning to operating within "normal" parameters and no response steps are required.~~
- ~~(d) When implementing reasonable steps in response to a compliance monitoring condition, if the Permittee determines that an exceedance of an emission limitation has occurred, the Permittee shall report such deviations pursuant to Section B-Deviations from Permit Requirements and Conditions.~~
- ~~(e) The Permittee shall record all instances when response steps are taken. In the event of an emergency, the provisions of 326 IAC 2-8-12 (Emergency Provisions) requiring prompt corrective action to mitigate emissions shall prevail.~~

~~(f) Except as otherwise provided by a rule or provided specifically in Section D, all monitoring as required in Section D shall be performed when the emission unit is operating, except for time necessary to perform quality assurance and maintenance activities.~~

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

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

(1) initial inspection and evaluation;

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

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

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

(1) monitoring results;

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

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

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

(e) The Permittee shall maintain the following records:

(1) monitoring data;

(2) monitor performance data, if applicable; and

(3) corrective actions taken.

6. IDEM, OAQ has determined that once per day monitoring of the control device (or of visible emission notations) is generally sufficient to ensure proper operation of the control device. IDEM has also determined that monitoring these parameters once per day is sufficient to satisfy the requirements.

D.1.5 Visible Emissions Notations

(a) Visible emission notations of the stack exhaust from baghouse #DUC044 shall be performed once per shift day during normal daylight operations when exhausting to the atmosphere. A trained employee shall record whether emissions are normal or abnormal.

...

- (e) ~~The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when an~~ **If abnormal emissions is are observed, the Permittee shall take reasonable steps in accordance with Section C – Response to Excursions or Exceedances.** Failure to take response steps in accordance with Section C - ~~Compliance Response Plan – Preparation, Implementation, Records, and Reports~~ **Response to Excursions or Exceedances**, shall be considered a violation of **deviation from** this permit.

D.1.6 Parametric Monitoring

The Permittee shall record the ~~total static~~ pressure drop across baghouse #DUC044, at least once per ~~shift~~ **day** when an emission unit that it controls is in operation and venting to the atmosphere. When for any one reading, the pressure drop across Baghouse #DUC044 is outside the normal range of 0.5 and 5.0 inches of water or a range established during the latest stack test, the Permittee shall take reasonable response steps in accordance with Section C - ~~Compliance Response Plan – Preparation, Implementation, Records, and Reports~~ **Response to Exceedances or Excursions.** A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps in accordance with Section C - ~~Compliance Response Plan – Preparation, Implementation, Records, and Reports~~ **Response to Exceedances or Excursions**, shall be considered a violation of **deviation from** this permit.

The instrument used for determining the pressure shall comply with Section C - ~~Pressure Gauge and Other~~ 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.2.5 Visible Emissions Notations

- (a) Visible emission notations of the scrubber (KOL015) stack exhaust shall be performed once per ~~shift~~ **day** during normal daylight operations when exhausting to the atmosphere. A trained employee shall record whether emissions are normal or abnormal.

...

- (e) ~~The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when an~~ **If abnormal emissions is are observed, the Permittee shall take reasonable steps in accordance with Section C – Response to Excursions or Exceedances.** Failure to take response steps in accordance with Section C - ~~Compliance Response Plan – Preparation, Implementation, Records, and Reports~~ **Response to Excursions or Exceedances**, shall be considered a violation of **deviation from** this permit.

D.2.6 Parametric Monitoring

The Permittee shall monitor and record the pressure drop and flow rate of the scrubber KOL015, at least once per ~~shift~~ **day** when the associated salt bath cleaning line is in operation. When for any one reading, the pressure drop across any of the scrubbers is outside the normal range of 16 and 28 inches of water, or a range established during the latest stack test, the Permittee shall take reasonable response steps in accordance with Section C - ~~Compliance Response Plan – Preparation, Implementation, Records, and Reports~~ **Response to Exceedances or Excursions.** When for any one reading, the flow rate of the scrubber is less than the normal minimum of 165 gallons per minute, or a minimum established during the latest stack test, the Permittee shall take reasonable response steps in accordance with Section C - ~~Compliance Response Plan – Preparation, Implementation, Records, and Reports~~ **Response to Exceedances or Excursions.** A pressure reading that is outside the above mention range or a flow rate that is below the above mentioned minimum is not a deviation from this permit. Failure to take response steps in accordance with Section C - ~~Compliance Response Plan – Preparation, Implementation, Records, and Reports~~ **Response to Exceedances or Excursions** shall be considered a violation of **deviation from** this permit.

The instruments used for determining the pressure drop and flow rate shall comply with Section C - ~~Pressure Gauge and Other~~ Instrument Specifications, of this permit, shall be subject to approval by IDEM, OAQ, and shall be calibrated at least once every six (6) months.

...

7. IDEM, OAQ has determined that it is the Permittee's responsibility to include routine control device inspection requirements in the applicable preventive maintenance plan. Since the Permittee is in the best position to determine the appropriate frequency of control device inspections and the details regarding which components of the control device should be inspected, the conditions requiring control device inspections have been removed from the permit. In addition, the requirement to keep records of the inspections has been removed.

~~D.1.7 Baghouse Inspections~~

~~An inspection shall be performed within the last month of each calendar quarter of all the baghouses controlling the exhausts from the blasters and the soda blast cabinets when venting to the atmosphere.~~

D.1.98 Record Keeping Requirements

- (a) To document compliance with Condition D.1.5, the Permittee shall maintain records of visible emission notations of the stack exhaust from baghouse DUC044 when venting to the atmosphere.
- (b) To document compliance with Condition D.1.6, the Permittee shall maintain the following operational parameters for baghouse DUC044 when venting to the atmosphere:
- (1) Once per ~~shift~~ **day** records of the ~~inlet and outlet differential static pressure~~ **drop** during normal operation when venting to the atmosphere.
 - (2) Documentation of the dates vents are redirected.
- ~~(c) To document compliance with Condition D.1.7, the Permittee shall maintain records of the results of the inspections required under Condition D.1.7 and the dates the vents are redirected.~~
- (dc) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

~~D.2.7 Scrubber Inspections~~

~~An inspection shall be performed within the last month of each calendar quarter of the scrubber controlling the salt cleaning line.~~

D.2.98 Record Keeping Requirements

- (a) To document compliance with Condition D.2.5, the Permittee shall maintain records of visible emission notations of the scrubber stack exhaust when venting to the atmosphere.
- (b) To document compliance with Condition D.2.6, the Permittee shall maintain records of the following operational parameters for scrubber KOL015 once per ~~shift~~ **day** during normal operation:
...
- ~~(c) To document compliance with Condition D.2.7, the Permittee shall maintain records of the results of the inspections required under Condition D.2.7.~~
- (dc) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

8. Paragraph (a) of the Broken or Failed Baghouse condition has been deleted. For multi-compartment baghouses, the permit will not specify what actions the Permittee needs to take in response to a broken bag. However, a requirement has been added to Condition D.1.4 requiring the Permittee to notify IDEM if a broken bag is detected and the control device will not be repaired for more than ten (10) days. This notification allows IDEM to take any appropriate actions if the emission unit will continue to operate for a long period of time while the control device is not operating in optimum condition.

D.1.4 Particulate and PM10 Emissions

- (a) In order to comply with Conditions D.1.1 and D.1.2, the baghouses used for particulate control shall be in operation and control emissions from the blasters and the soda blast cabinets at all times the blasters and the soda blast cabinets 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.**

Paragraph (b) of the broken or failed baghouse condition has been revised for those processes that operate in batch mode. The condition required an emission unit to be shut down immediately in case of baghouse failure. However, IDEM is aware there can be safety issues with shutting down a process in the middle of a batch. IDEM also realizes that in some situations, shutting down an emissions unit mid-process can cause equipment damage. Therefore, since it is not always possible to shut down a process with material remaining in the equipment, IDEM has revised the condition to state that in the case of baghouse failure, the feed to the process must be shut off immediately, and the process shall be shut down as soon as practicable. Furthermore, the scrubber malfunction condition was revised to reflect the changes to Condition C.15.

D.1.87 Broken or Failed Bag Detection [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

~~In the event that bag failure has been observed:~~

- ~~(a) For multi-compartment units, the affected baghouse compartments will be shut down immediately until the failed units have been repaired or replaced. Within eight (8) business hours of the determination of failure, response steps according to the timetable described in the Compliance Response Plan shall be initiated. For any failure with corresponding response steps and timetable not described in the Compliance Response Plan, response steps shall be devised within eight (8) business hours of discovery of the failure and shall include a timetable for completion. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a deviation from this permit. If operations continue after bag failure is observed and it will be 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.~~
- (b)(a) For a single compartment baghouses **controlling emissions from a process operated continuously**, if failure is indicated by a significant drop in the baghouse's pressure readings with abnormal visible emissions or the failure is indicated by an opacity violation, or if bag failure is determined by other means, such as gas temperatures, flow rates, air infiltration, leaks, dust traces or triboflows, then a failed units and the associated process **shall** be shut down immediately until the failed units have **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 baghouses **controlling emissions from a batch process**, if failure is indicated by a significant drop in the baghouse's pressure readings with abnormal visible emissions or the failure is indicated by an opacity violation, or if bag failure is determined by other means, such as gas temperatures, flow rates, air infiltration, leaks, dust traces or triboflows, then **the feed to the process** failed units and the associated process **will shall** be shut down immediately until the failed units have **has**

been repaired or replaced. **The emissions unit shall be shut down no later than the completion of the processing of the material in the line.** Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B - Emergency Provisions).

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, dust traces or triboflows.

D.2.87 Failure Detection

In the event that a scrubber malfunction has been observed:

Failed units and the associated process will be shut down immediately until the failed units have 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). Failure to take response steps in accordance with Section C - ~~Compliance Response Plan - Preparation, Implementation, Records, and Reports~~ **Response to Excursions or Exceedances** shall be considered a ~~violation of~~ **deviation from** this permit.

9. Condition D.3.2 (formerly D.3.6) has been revised to delete reference to Condition D.3.3 (PMP) and is listed under Emission Limitations and Standards.

D.3.62 Particulate [326 IAC 6-3-2(d)]

Pursuant to 326 IAC 6-3-2(d) and in order to comply with Conditions D.3.1 and ~~D.3.3~~, the dry filters for particulate control shall be in operation in accordance with manufacturer's specifications and control emissions at all times when the spray booth that it controls is in operation.

Upon further review, IDEM, OAQ has also decided to make the following changes to the FESOP:

10. IDEM has clarified the Section B - Certification condition as follows:

B.11 Certification [326 IAC 2-8-3(d)] [326 IAC 2-8-4(3)(C)(i)] [326 IAC 2-8-5(1)]

(a) Where specifically designated by this permit or required by an applicable requirement, any application form, report, or compliance certification submitted shall contain certification by an authorized individual of truth, accuracy, and completeness. This certification, shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

(b) One (1) certification shall be included, using the attached Certification Form, with each submittal requiring certification. **One (1) certification may cover multiple forms in one (1) submittal.**

(a) An authorized individual is defined at 326 IAC 2-1.1-1(1).

11. IDEM has clarified the Section B - Inspection and Entry condition as follows:

B.21 Inspection and Entry [326 IAC 2-8-5(a)(2)][IC 13-14-2-2][IC 13-17-3-2][IC 13-17-3-2][IC13-30-3-1]

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 FESOP 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, at reasonable times, 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 at reasonable times, 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, at reasonable times, 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.
12. The section's name that collects operating fees has changed. This has been updated in Condition B.23 Annual Fee Payment. The phone number has also been corrected. The current name is the Billing, Licensing, and Training Section.

B.23 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-8-4(6)] [326 IAC 2-8-16]

- (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) 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 317-233-4320 ~~4230~~ (ask for OAQ, ~~IM & Billing~~ **Billing, Licensing, and Training**), to determine the appropriate permit fee.
13. The third sentence on the Quarterly Deviation and Compliance Monitoring report form has been changed as follows to be consistent with the condition in Section B - Deviations from Permit Requirements and Conditions:
- This report shall be submitted quarterly based on a calendar year. Any deviation from the requirements, the date(s) of each deviation, the probable cause of the deviation, and the response steps taken must be reported. ~~Deviations that are required to be reported by an applicable requirement shall be reported according to the schedule stated in the applicable requirement and do not need to be included in this report.~~ **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".
14. In accordance with the credible evidence rule (62 Fed. Reg. 8314, Feb. 24, 1997); Section 113(a) of the Clean Air Act, 42 U.S.C. § 7413 (a); and a letter from the United States Environmental Protection Agency (USEPA) to IDEM, OAQ dated May 18, 2004, all permits must address the use of credible evidence; otherwise, USEPA will object to the permits. The following language will be incorporated into the permit to address credible evidence:

B.24 Credible Evidence [326 IAC 2-8-4(3)] [326 IAC 2-8-5] [62 FR 8314] [326 IAC 1-16]

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.

15. All references to IDEM, OAQ's mailing address have been revised as follows:

Indiana Department of Environmental Management
Office of Air Quality
100 North Senate Avenue, ~~P.O. Box 6015~~
Indianapolis, Indiana ~~46206-6015~~ **46204-2251**

16. The 326 IAC 6-3 revisions that became effective on June 12, 2002 were approved into the State Implementation Plan on September 23, 2005. These rules replace the previous version of 326 IAC 6-3 (Process Operations) that had been part of the SIP; therefore, the requirements of the previous version of 326 IAC 6-3-2 are no longer applicable to this source. Condition C.1 has been added to the permit. Remaining conditions under Section C were renumbered accordingly and Condition D.3.3 was deleted.

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.

~~D.3.3 Particulate Matter (PM) [40 CFR 52, Subpart P]~~

~~Pursuant to 40 CFR 52, Subpart P, the PM from the spray booths shall not exceed the pound per hour emission rate established as E in the following formula:~~

~~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:~~

$$\del E = 4.10 P^{0.67}$$

~~where E = rate of emission in pounds per hour; and
P = process weight rate in tons per hour~~

17. Condition D.4.5 was amended as shown and D.4.6 was deleted. In addition, there is no certification required for boilers combusting only natural gas.

D.4.5 Record Keeping Requirements [40 CFR 60, Subpart Dc]

- (a) Pursuant to 40 CFR 60.48(c)(g), the Permittee shall maintain ~~the following~~ **daily fuel usage** records to demonstrate compliance with Condition D.4.3:

(1) ~~_____~~ Daily fuel usage; and

(2) ~~_____~~ A certification, signed by the owner or operator, that the records of the fuel supplier certifications represent all of the fuel combusted during the period. ~~The natural gas fired boiler certification does require the certification by the authorized individual as defined by 326 IAC 2-1.1-1(1); and~~

- (b) Pursuant to 40 CFR 60.48(c)(i), all records required in item (a) shall be maintained by the owner or operator of the affected facilities for a period of two (2) years following the date of such record.

~~D.4.6 Reporting Requirements~~

~~The Permittee shall certify, on the form provided, that natural gas was fired in the boilers at all times during each quarter.~~

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

**~~FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)
NATURAL GAS FIRED BOILER CERTIFICATION~~**

Source Name: ~~Jasper Engine Exchange, Inc.~~
Source Address: ~~6400 East Industrial Lane, Leavenworth, Indiana 47137~~
Mailing Address: ~~P.O. Box 650, Jasper, Indiana 47547~~
FESOP No.: ~~025-15881-00012~~

9 <input type="checkbox"/> Natural Gas Only 9 <input type="checkbox"/> Alternate Fuel burned From: _____ To: _____
--

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
Signature: _____
Printed Name: _____
Title/Position: _____
Phone: _____
Date: _____

~~A certification by the authorized individual as defined by 326 IAC 2-1.1-1 is required for this report.~~

18. There are no state or federal rules included in the permit for the emission units listed in Section D.6 because the actual VOC emissions from each degreaser is less than fifteen (15) pounds per day. Section D.6 is deleted as shown. However, any change or modification that would result in increase of actual VOC emissions equal to or greater than fifteen (15) pounds per day shall require prior approval from IDEM, OAQ. Section D.7 is now Section D.6.

SECTION D.6 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-8-4(10)]: Insignificant Activities

- (e) Other emission units, not regulated by a NESHAP, with PM₁₀ and SO₂ emissions less than five (5) pounds per hour or twenty five (25) pounds per day, CO emissions less than twenty five (25) pounds per day, lead emissions less than six tenths (0.6) tons per year or three and twenty nine (3.29) pounds per day, and emitting greater than one (1) pound per day but less than five (5) pounds per day or one (1) ton per year of a single HAP, or emitting greater than one (1) pound per day but less than twelve and five tenths (12.5) pounds per day or two and five tenths (2.5) ton per year of any combination of HAPs:
- (1) One (1) open top degreaser used for transmission cases and skids (identified as CLT001), with a maximum capacity of 375 gallons mixture of water and water based solvent.
 - (2) One (1) open top degreaser used for transmission cases and skids (identified as CLT002), with a maximum capacity of 375 gallons mixture of water and water based solvent.
 - (3) One (1) open top degreaser used for aluminum head rinse (identified as CLT011), with a maximum capacity of 175 gallons mixture of water and water based solvent.
 - (4) One (1) open top degreaser used for aluminum timing cover rinse (identified as CLT013), with a maximum capacity of 175 gallons mixture of water and water based solvent.
 - (5) One (1) open top degreaser used for transmission skid wash (identified as CLT032), with a maximum capacity of 800 gallons mixture of water and water based solvent.
 - (6) One (1) open top degreaser used for transmission parts hand wash (identified as CLT048), with a maximum capacity of 40 gallons of low VOC solvent (VOC < 5%).
 - (7) One (1) open top degreaser used for transmission parts hand wash (identified as CLT051), with a maximum capacity of 40 gallons mixture of water and water based solvent.
 - (8) One (1) open top degreaser used for transmission prewash (identified as CLT086), with a maximum capacity of 1,800 gallons mixture of water and water based solvent.
 - (9) One (1) open top degreaser used for tumble cleaning of small parts (identified as CLT087), with a maximum capacity of 50 gallons mixture of water and water based solvent.
 - (10) One (1) open top degreaser used for engine block prewash (identified as CLT088), with a maximum capacity of 1,000 gallons mixture of water and water based solvent.
 - (11) One (1) open top degreaser used for transmission intermediate wash (identified as CLT089), with a maximum capacity of 1,000 gallons mixture of water and water based solvent.
 - (12) One (1) open top degreaser used for head prewash (identified as CLT090), with a maximum capacity of 600 gallons mixture of water and water based solvent.
 - (13) One (1) open top degreaser used for converter wash (identified as CLT091), with a

SECTION D.6 FACILITY OPERATION CONDITIONS (Continued)

Facility Description [326 IAC 2-8-4(10)]: Insignificant Activities (Continued)

maximum capacity of 1,000 gallons mixture of water and water based solvent.

- (14) One (1) open top degreaser used for aluminum head wash (identified as CLT092), with a maximum capacity of 175 gallons mixture of water and water based solvent.
- (15) One (1) open top degreaser used for ultrasonic cleaning of small parts (identified as CLT094), with a maximum capacity of 30 gallons mixture of water and water based solvent.
- (16) One (1) open top degreaser used for differential/axle housing wash (identified as CLT096), with a maximum capacity of 375 gallons mixture of water and water based solvent.
- (17) One (1) open top degreaser used for maintenance cleaning (identified as CLT098), with a maximum capacity of 25 gallons mixture of water and water based solvent.
- (18) One (1) open top degreaser used for rinsing axle housings and differentials, (identified as CLT101), with a maximum capacity of 400 gallons mixture of water and water based solvent.
- (19) One (1) open top degreaser used for transmission cases (identified as CLT102), with a maximum capacity of 100 gallons mixture of water and water based solvent.
- (20) One (1) open top degreaser used for small transmission parts (identified as CLT103), with a maximum capacity of 30 gallons mixture of water and water based solvent.
- (21) One (1) open top degreaser used for small transmission parts (identified as CLT104), with a maximum capacity of 30 gallons mixture of water and water based solvent.
- (22) One (1) open top degreaser used for small transmission parts (identified as CLT106), with a maximum capacity of 30 gallons mixture of water and water based solvent.
- (23) One (1) open top degreaser used for transmission parts hand wash (identified as CLT108), with a maximum capacity of 40 gallons low VOC solvent (VOC content less than 5%).
- (24) One (1) open top degreaser used for crank wash (identified as CLT110), with a maximum capacity of 350 gallons mixture of water and water based solvent.
- (25) One (1) open top degreaser used for diesel engine blocks (identified as CLT114), with a maximum capacity of 1,100 gallons mixture of water and water based solvent.
- (26) One (1) open top degreaser used for diesel engine parts (identified as CLT115), with a maximum capacity of 1,100 gallons mixture of water and water based solvent.
- (27) One (1) open top degreaser used for axle and differential cleaning (identified as CLT123), with a maximum capacity of 20 gallons low VOC solvent (VOC < 5%).
- (28) One (1) open top degreaser used for vehicle servicing (identified as CLT127), with a maximum capacity of 25 gallons mixture of water and water based solvent.

SECTION D.6 FACILITY OPERATION CONDITIONS (Continued)

Facility Description [326 IAC 2-8-4(10)]: Insignificant Activities (Continued)

- (29) One (1) open top degreaser used for aluminum timing cover wash (identified as ADJ007), with a maximum capacity of 440 gallons mixture of water and water based solvent.
- (30) One (1) open top degreaser used for diesel block final wash (identified as ADJ012), with a maximum capacity of 440 gallons mixture of water and water based solvent.
- (31) One (1) open top degreaser used for aluminum head wash (identified as ADJ014), with a maximum capacity of 440 gallons mixture of water and water based solvent.
- (32) One (1) open top degreaser used for iron and steel small parts wash (identified as ADJ016), with a maximum capacity of 400 gallons mixture of water and water based solvent.
- (33) One (1) open top degreaser used for block final wash 1 (identified as ADJ027), with a maximum capacity of 440 gallons mixture of water and water based solvent.
- (34) One (1) open top degreaser used for block final wash 2 (identified as ADJ028), with a maximum capacity of 440 gallons mixture of water and water based solvent.
- (35) One (1) open top degreaser used for head final wash (identified as ADJ029), with a maximum capacity of 440 gallons mixture of water and water based solvent.
- (36) One (1) open top degreaser used for small parts wash (identified as ADJ030), with a maximum capacity of 440 gallons mixture of water and water based solvent.
- (37) One (1) open top degreaser used for aluminum head wash (identified as ADJ031), with a maximum capacity of 440 gallons mixture of water and water based solvent.
- (38) One (1) open top degreaser used for rinsing crankshafts after polishing (identified as CSP006), with a maximum capacity of 30 gallons mixture of water and water based solvent.
- (39) Twenty-two (22) part washers using water based liquid detergent cleaners.
- (40) Eight (8) part washers using powdered detergent cleaners.

(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 2-8-4(1)]

D.6.1 Volatile Organic Compounds (VOCs)

Any change or modification which may increase the actual VOC emissions from each degreaser to greater than 15 pounds per day must be approved by the Office of Air Quality before any such change may occur.

Compliance Determination Requirements

D.6.2 VOC Emissions

Compliance with the VOC usage limitation contained in Condition D.6.1 shall be determined pursuant to 326 IAC 8-1-4(a)(3) and 326 IAC 8-1-2(a) using formulation data supplied by the coating manufacturer. IDEM, OAQ, reserves the authority to determine compliance using Method 24 in conjunction with the analytical procedures specified in 326 IAC 8-1-4.

Record Keeping Requirements ~~[326 IAC 2-8-4(3)] [326 IAC 2-8-16]~~

~~D.6.3 Record Keeping Requirements~~

- ~~(a) To document compliance with Condition D.6.1, the Permittee shall maintain daily records in accordance with (1) through (3) below for each degreaser using solvents containing VOC. Records maintained for (1) through (3) shall be taken as stated below and shall be complete and sufficient to establish compliance with the VOC usage limit established in Condition D.6.1.~~
- ~~(1) The amount and VOC content of each solvent used. Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used.~~
- ~~(2) A log of the dates of use.~~
- ~~(3) The total VOC usage for each day.~~
- ~~(b) All records shall be maintained in accordance with Section C General Record Keeping Requirements, of this permit.~~

SECTION D.76

FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-8-4(10)]:

- (i) One (1) abrasive blasting unit using steel shot as the blast media (identified as BLA002), controlled by baghouse DUC044, and venting either into the building or to the atmosphere.
- (j) One (1) abrasive blasting unit using coal slag as the blast media (identified as BLA022), controlled by baghouse BLA022, and venting into the building.
- (k) One (1) abrasive blasting unit using aluminum oxide as the blast media (identified as BLA047), controlled by baghouse BLA047, and venting into the building.

Baghouse DUC044 is shared with emission units listed in Section D.1 of this permit.

(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 2-8-4(1)]

~~D.76.1 PM10 Limit [326 IAC 2-8-4]~~

- ~~(a) Baghouse DUC044 shall comply with the PM10 emission limit stated in Section D.1 of this permit.~~
- ~~(b) Units BLA022 and BLA047 shall be controlled using particulate air pollution control devices achieving and maintaining a minimum ninety-nine percent (99%) efficiency.~~
- ~~(c) Visible emissions from units BLA022 and BLA047 shall not exceed 0% opacity.~~

~~D.76.2 Particulate [326 IAC 6-3-2]~~

Pursuant to 326 IAC 6-3-2(e) (**Particulate Emissions limitations for Manufacturing Processes**), the allowable particulate emissions from each abrasive blasting unit shall not exceed the pounds per hour rate given by the following equation for process weight rates up to sixty thousand (60,000) pounds per hour:

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

~~D.7.6.3~~ Preventive Maintenance Plan [326 IAC 2-8-4(9)]

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

Compliance Determination Requirements

~~D.7.6.4~~ Particulate and PM10 Emissions

- (a) In order to comply with Conditions D.7.1 and D.7.2, the particulate control devices shall be in operation at all times when an emission unit that it controls is 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 2-8-4] [326 IAC 2-8-5(a)(1)]

~~D.7.6.5~~ Visible Emissions Notations

Baghouse DUC044 shall comply with the visible emission requirements listed in Section D.1 of this permit.

~~D.7.6.6~~ Parametric Monitoring

Baghouse DUC044 shall comply with the parametric monitoring requirements listed in Section D.1 of this permit.

~~D.7.7~~ Baghouse Inspections

~~Baghouse DUC044 shall comply with the baghouse inspection requirements listed in Section D.1 of this permit.~~

Record Keeping and Reporting Requirement [326 IAC 2-8-4(3)] [326 IAC 2-8-16]

~~D.7.8-6.7~~ Record Keeping Requirements

Baghouse DUC044 shall comply with the record keeping requirements listed in Section D.1 of this permit.

19. Condition D.5.1 was revised as follows.

~~D.5.1~~ Particulate [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2(e) (**Particulate Emissions Limitations for Manufacturing Processes**), the allowable particulate emissions from each of the welding processes shall not exceed the allowable emission rate based on the following equation:

...

Conclusion

The operation of this stationary plant that remanufacturers old worn-out vehicle engines, transmissions, etc. shall be subject to the conditions of this Significant Permit Revision 025-22253-00012.