INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
We Protect Hoosiers and Our Environment.
100 N. Senate Avenue • Indianapolis, IN 46204
(800) 451-6027 • (317) 232-8603 • www.idem.IN.gov

Eric J. Holcomb
Governor

Brian C. Rockensuess
Commissioner

NOTICE OF 30-DAY PERIOD
FOR PUBLIC COMMENT

Preliminary Findings Regarding a New Source Construction and
Federally Enforceable State Operating Permit (FESOP)

for Hollingshead Mixer Company, LLC in Noble County

FESOP No.: F113-47646-00128

The Indiana Department of Environmental Management (IDEM) has received an application from Hollingshead Mixer Company, LLC, located at 200 Dekko Dr., Avilla, IN 46710, for a new source construction and FESOP. If approved by IDEM's Office of Air Quality (OAQ), this proposed permit would allow Hollingshead Mixer Company, LLC to construct and operate a new surface coating operation at a previously unpermitted front discharge concrete truck assembly plant. Before proposing to add the new surface coating operation, source operations consisted only of welding units and assembly of front discharge concrete mixer trucks.

The applicant intends to construct and operate new equipment that will emit air pollutants. The potential to emit regulated pollutants will be limited to less than the TV and/or PSD major threshold levels, respectively. IDEM has reviewed this application, and has developed preliminary findings, consisting of a draft permit and several supporting documents, that would allow the applicant to make this change.

A copy of the permit application and IDEM's preliminary findings have been sent to:

Noble County Public Library NCPL East Library
104 Ley St.
Avilla, IN 46710

and

IDEM Northern Regional Office
300 North Dr. Martin Luther King Jr. Boulevard, Suite 450
South Bend, IN 46601-1295

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

A copy of the application and preliminary findings is also available via IDEM's Virtual File Cabinet (VFC). To access VFC, please go to: https://www.in.gov/idem/ and enter VFC in the search box. You will then have the option to search for permit documents using a variety of criteria.

How can you participate in this process?

This notice is posted on IDEM's website (https://www.in.gov/idem/public-notices/). The date that this notice is posted on IDEM's website marks the beginning of a 30-day public comment period. If the 30th day of the comment period falls on a day when IDEM offices are closed for business, all comments must be postmarked or delivered in person on the next business day that IDEM is open.

You may request that IDEM hold a public hearing about this draft permit. If adverse comments concerning the **air pollution impact** of this draft permit are received, with a request for a public hearing, IDEM will decide whether or not to hold a public hearing. IDEM could also decide to hold a public meeting instead of, or in addition to, a public hearing. If IDEM decides to conduct a public hearing and/or public meeting, IDEM will

post a separate announcement of the date, time, and location of that public hearing and/or public meeting on IDEM's website (https://www.in.gov/idem/public-notices/). At a hearing, you would have an opportunity to submit written comments and make verbal comments. At a meeting, you would have an opportunity to submit written comments, ask questions, and discuss any air pollution concerns with IDEM staff.

Comments and supporting documentation, or a request for a public hearing should be sent in writing to IDEM at the address below. If you comment via e-mail, please include your full U.S. mailing address so that you can be added to IDEM's mailing list to receive notice of future action related to this permit. If you do not want to comment at this time but would like to receive notice of future action related to this permit application, please contact IDEM at the address below. Please refer to permit number F113-47646-00128 in all correspondence.

Comments should be sent to:

Taylor Wade
IDEM, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
(800) 451-6027, ask for Taylor Wade or (317) 233-0868
Or dial directly: (317) 233-0868
Fax: (317) 232-6749 attn: Taylor Wade
E-mail: twade@idem.IN.gov

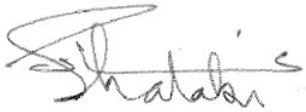
All comments will be considered by IDEM when we make a decision to issue or deny the permit. Comments that are most likely to affect final permit decisions are those based on the rules and laws governing this permitting process (326 IAC 2), air quality issues, and technical issues. IDEM does not have legal authority to regulate zoning, odor, or noise. For such issues, please contact your local officials.

For additional information about air permits and how the public and interested parties can participate, refer to the IDEM Air Permits page on the Internet at: https://www.in.gov/idem/airpermit/public-participation/; and the Citizens' Guide to IDEM on the Internet at: https://www.in.gov/idem/resources/citizens-guide-to-idem/.

What will happen after IDEM makes a decision?

Following the end of the public comment period, IDEM will issue a Notice of Decision stating whether the permit has been issued or denied. If the permit is issued, it may be different than the draft permit because of comments that were received during the public comment period. If comments are received during the public notice period, the final decision will include a document that summarizes the comments and IDEM's response to those comments. If you have submitted comments or have asked to be added to the mailing list, you will receive a Notice of the Decision. The notice will provide details on how you may appeal IDEM's decision, if you disagree with that decision. The final decision will also be available on the Internet at the address indicated above and will also be sent to the local library indicated above, the IDEM Regional Office indicated above, and the IDEM public file room on the 12th floor of the Indiana Government Center North, 100 N. Senate Avenue, Indianapolis, Indiana 46204-2251.

If you have any questions, please contact Taylor Wade of my staff at the above address.



Ghassan Shalabi, Section Chief
Permits Branch
Office of Air Quality

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DRAFT

New Source Construction and Federally Enforceable State Operating Permit OFFICE OF AIR QUALITY

Hollingshead Mixer Company, LLC
200 Dekko Drive
Avilla, Indiana 46710

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

The Permittee must comply with all conditions of this permit. Noncompliance with any provisions of this permit is grounds for enforcement action; permit termination, revocation and reissuance, or modification; or denial of a permit renewal application. It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. An emergency does constitute an affirmative defense in an enforcement action provided the Permittee complies with the applicable requirements set forth in Section B, Emergency Provisions.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-8 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.

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.

Operation Permit No.: F113-47646-00128 Master Agency Interest ID: 133880	
Issued by: Ghassan Shalabi, Section Chief Permits Branch Office of Air Quality	Issuance Date: Expiration Date:

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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 cement mixing truck surface coating and assembly operation.

Source Address:	200 Dekko Drive, Avilla, Indiana 46710
General Source Phone Number:	(260) 897-4397
SIC Code:	3531 (Construction Machinery and Equipment)
County Location:	Noble
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Federally Enforceable State Operating Permit Program Minor Source, under PSD and Emission Offset Rules 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) Chassis Paint Spray Booths, identified as CB-1 and CB-2, approved for construction in 2024, with a maximum coating capacity of 3 chassis per day, each equipped with a conventional spray applicator to coat metal parts, using dry filters for particulate control and exhausting to stacks S1 and S2 respectively.

(b) Three (3) Barrel Paint Spray Booths, identified as BB-1 through BB-3, approved for construction in 2024, with a maximum coating capacity of 3 mixing barrels per day, each equipped with a conventional spray applicator to coat metal parts, using dry filters for particulate control and exhausting to stacks S3 through S5 respectively.

(c) One (1) robotic laser ablation system, used to prepare barrel surface for coating, identified as LA-1, with a maximum capacity of 1.2 barrels per hour, equipped with dry filters for particulate control and exhausting indoors.

(d) One (1) natural gas fired drying oven, identified as DO-1, approved for construction in 2024, with a maximum heat input capacity of 4.00 MMBtu/hr, using no controls and exhausting outdoors.

(e) Two (2) natural gas-fired cure ovens, identified as CO-1 and CO-2, approved for construction in 2024, each with a maximum heat input capacity of 2.44 MMBtu/hr, using no controls and exhausting outdoors.

(f) Three (3) natural gas-fired cure ovens, identified as BO-1 through BO-3, approved for construction in 2024, each with a maximum heat input capacity of 3.27 MMBtu/hr, using no controls and exhausting outdoors.

(g) Forty-three (43) metal inert gas (MIG) welding stations, constructed in 2021, each with a maximum capacity of 2.1 pounds of electrode and wire per hour, equipped with no

controls, and exhausting indoors.

(h) One (1) Tungsten inert gas (TIG) welding station, constructed in 2021, with a maximum capacity of 1.0 pounds of electrode and wire per hour, equipped with no controls, and exhausting indoors.

(i) One (1) submerged arc (SAW) welding station, constructed in 2021, with a maximum capacity of 9.0 pounds of electrode and wire per hour, equipped with no controls, and exhausting indoors.

(j) Two (2) plasma cutting stations, constructed in 2021, each with a maximum cutting rate of 1200 inches of metal per hour, equipped with no controls, and exhausting indoors.

(k) One (1) high-definition plasma cutting station, constructed in 2021, with a maximum cutting rate of 9300 inches of metal per hour, equipped with no controls, and exhausting indoors.

(l) Five (5) spray gun flushing/cleaning boxes, using less than 145 gallons per year.

(m) Paved Roads

A.3 FESOP Applicability [326 IAC 2-8-2]

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) for a Federally Enforceable State Operating Permit (FESOP).

SECTION B GENERAL CONDITIONS

B.1 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.2 Revocation of Permits [326 IAC 2-1.1-9(5)]

Pursuant to 326 IAC 2-1.1-9(5)(Revocation of Permits), the Commissioner may revoke this permit if construction is not commenced within eighteen (18) months after receipt of this approval or if construction is suspended for a continuous period of one (1) year or more.

B.3 Affidavit of Construction [326 IAC 2-5.1-3(h)] [326 IAC 2-5.1-4][326 IAC 2-8]

This document shall also become the approval to operate pursuant to 326 IAC 2-5.1-4 and 326 IAC 2-8 when prior to the start of operation, the following requirements are met:

(a) The attached Affidavit of Construction shall be submitted to the Office of Air Quality (OAQ), verifying that the emission units were constructed as proposed in the application or the permit. The emission units covered in this permit may begin operating on the date the Affidavit of Construction is postmarked or hand delivered to IDEM if constructed as proposed.

(b) If actual construction of the emission units differs from the construction proposed in the application, the source may not begin operation until the permit has been revised pursuant to 326 IAC 2 and an Operation Permit Validation Letter is issued.

(c) The Permittee shall attach the Operation Permit Validation Letter received from the Office of Air Quality (OAQ) to this permit.

B.4 Permit Term [326 IAC 2-8-4(2)][326 IAC 2-1.1-9.5][IC 13-15-3-6(a)]

(a) This permit, F113-47646-00128, is issued for a fixed term of five (5) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date of this permit.

(b) If IDEM, OAQ, upon receiving a timely and complete renewal permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, until the renewal permit has been issued or denied.

B.5 Term of Conditions [326 IAC 2-1.1-9.5]

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

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

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

B.6 Enforceability [326 IAC 2-8-6] [IC 13-17-12]

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

B.7 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.8 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.9 Duty to Provide Information [326 IAC 2-8-4(5)(E)]

(a) The Permittee shall furnish to IDEM, OAQ, within a reasonable time, any information that IDEM, OAQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. Upon request, the Permittee shall also furnish to IDEM, OAQ copies of records required to be kept by this permit.

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

B.10 Certification [326 IAC 2-8-3(d)][326 IAC 2-8-4(3)(C)(i)][326 IAC 2-8-5(a)(1)]

(a) A certification required by this permit meets the requirements of 326 IAC 2-8-5(a)(1) if:

(1) it contains a certification by an "authorized individual" as defined by 326 IAC 2-1.1-1(1), and

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

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

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

B.11 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. The initial certification shall cover the time period from the date of final permit issuance through December 31 of the same year. All subsequent certifications shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted no later than July 1 of each year to:

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

(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, as IDEM, OAQ may require to determine the compliance status of the source.

The submittal by the Permittee does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

B.12 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.13 Preventive Maintenance Plan [326 IAC 1-6-3][326 IAC 2-8-4(9)]

(a) If required by specific condition(s) in Section D of this permit, the Permittee shall prepare and maintain Preventive Maintenance Plans (PMPs) no later than ninety (90) days after issuance of this permit or ninety (90) days after initial start-up, whichever is later, including the following information on each facility:

(1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;

(2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and

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

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

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

The PMP extension notification does not require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

The Permittee shall implement the PMPs.

(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. The PMPs and their submittal do not require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "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 describe the following:

(1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;

(2) The permitted facility was at the time being properly operated;

(3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;

(4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAQ or Northern Regional Office within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;

Telephone Number: 1-800-451-6027 (ask for Office of Air Quality, Compliance and Enforcement Branch), or
Telephone Number: 317-233-0178 (ask for Office of Air Quality, Compliance and Enforcement Branch)
Facsimile Number: 317-233-6865
Northern Regional Office phone: (574) 245-4870; fax: (574) 245-4877.

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

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

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

The notice fulfills the requirement of 326 IAC 2-8-4(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 a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "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.

B.15 Prior Permits Superseded [326 IAC 2-1.1-9.5]

(a) All terms and conditions of permits established prior to F113-47646-00128 and issued pursuant to permitting programs approved into the state implementation plan have been either:

(1) incorporated as originally stated,

(2) revised, or

(3) deleted.

(b) All previous registrations and permits are superseded by this permit.

B.16 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.17 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 Federally Enforceable State Operating Permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-8-4(5)(C)] The notification by the Permittee does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "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.18 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(42). The renewal application does require a

certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

Request for renewal shall be submitted to:

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

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

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

(2) If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.

(c) If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-8 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, pursuant to 326 IAC 2-8-3(g), in writing by IDEM, OAQ any additional information identified as being needed to process the application.

B.19 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
Permit Administration and Support Section, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

Any such application does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "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 2-8-10(b)(3)]

B.20 Operational Flexibility [326 IAC 2-8-15][326 IAC 2-8-11.1]

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

(1) The changes are not modifications under any provision of Title I of the Clean Air Act;

(2) Any approval required by 326 IAC 2-8-11.1 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
Permit Administration and Support Section, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

and

United States Environmental Protection Agency, Region 5
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)(1) and (c). 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)(1) and (c).

(b) Emission Trades [326 IAC 2-8-15(b)]
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(b).

(c) Alternative Operating Scenarios [326 IAC 2-8-15(c)]
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.

(d) Backup fuel switches specifically addressed in, and limited under, Section D of this permit shall not be considered alternative operating scenarios. Therefore, the notification requirements of part (a) of this condition do not apply.

B.21 Source Modification Requirement [326 IAC 2-8-11.1]

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

B.22 Inspection and Entry [326 IAC 2-8-5(a)(2)][IC 13-14-2-2][IC 13-17-3-2][IC 13-30-3-1]

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.

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

Any such application does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "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 2-8-10(b)(3)]

B.24 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-8-4(6)] [326 IAC 2-8-16][326 IAC 2-1.1-7]

(a) The Permittee shall pay annual fees to IDEM, OAQ no later than 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 317-233-8590 (ask for OAQ, Billing, Licensing, and Training Section), to determine the appropriate permit fee.

B.25 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

Emission 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]

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.

(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 (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.

(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 5-1-1 (Applicability) and 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following, unless otherwise stated in this permit:

(a) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.

(b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A,

Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

C.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]

The Permittee shall not operate an incinerator except as provided in 326 IAC 4-2 or in this permit. The Permittee shall not operate a refuse incinerator or refuse burning equipment except as provided in 326 IAC 9-1-2 or in this permit.

C.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(c).

(d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(d).

All required notifications shall be submitted to:

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

The notice shall include a signed certification from the owner or operator that the information provided in this notification is correct and that only Indiana licensed workers and project supervisors will be used to implement the asbestos removal project. The notifications do not require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "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 14-10-1, emission control requirements are applicable for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet on all facility components.

(f) Demolition and Renovation
The Permittee shall thoroughly inspect the affected facility or part of the facility where the demolition or renovation will occur for the presence of asbestos pursuant to 40 CFR 61.145(a).

(g) Indiana Licensed Asbestos Inspector
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Licensed Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos.

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

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

(a) For performance testing required by this permit, a test protocol, except as provided elsewhere in this permit, shall be submitted to:

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

no later than thirty-five (35) days prior to the intended test date. The protocol submitted by the Permittee does not require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "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 a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "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 Permittee submits to IDEM, OAQ a reasonable written explanation not later than five (5) days prior to the end of the initial forty-five (45) day period.

Compliance Requirements [326 IAC 2-1.1-11]

C.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 by issuing an order under 326 IAC 2-1.1-11. Any monitoring or testing shall be performed in accordance with 326 IAC 3 or other methods approved by the commissioner or the U. S. EPA.

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

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

(a) For new units:
Unless otherwise specified in the approval for the new emission unit(s), compliance monitoring for new emission units shall be implemented on and after the date of initial start-up.

(b) For existing units:
Unless otherwise specified in this permit, for all monitoring requirements not already legally required, the Permittee shall be allowed up to ninety (90) days from the date of permit issuance to begin such monitoring. If, due to circumstances beyond the Permittee's control, any monitoring equipment required by this permit cannot be installed and operated no later than ninety (90) days after permit issuance, the Permittee may extend the compliance schedule related to the equipment for an additional ninety (90) days provided the Permittee notifies:

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

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

The notification which shall be submitted by the Permittee does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

C.12 Instrument Specifications [326 IAC 2-1.1-11] [326 IAC 2-8-4(3)][326 IAC 2-8-5(a)(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. The analog instrument shall be capable of measuring values outside of the normal range.

(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.13 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]

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

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

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

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

no later than 180 days from the date on which this source commences operation.

The ERP does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

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

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

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

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

C.14 Risk Management Plan [326 IAC 2-8-4] [40 CFR 68]

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

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

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

(a) The Permittee shall take reasonable response steps to restore operation of the emissions unit (including any control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing excess emissions.

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

(1) initial inspection and evaluation;

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

(3) any necessary follow-up actions to return operation to normal or usual manner of operation.

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

(1) monitoring results;

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

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

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

(e) The Permittee shall record the reasonable response steps taken.

C.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 submit a description of its response actions to IDEM, OAQ no later than seventy-five (75) days after the date of the test.

(b) A retest to demonstrate compliance shall be performed no later than one hundred eighty (180) days after the date of the test. Should the Permittee demonstrate to IDEM, OAQ that retesting in one hundred eighty (180) days is not practicable, IDEM, OAQ may extend the retesting deadline.

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

The response action documents submitted pursuant to this condition do require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "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 monitoring data, reports and support information required by this permit shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. Support information includes the following, where applicable:

(AA) All calibration and maintenance records.
(BB) All original strip chart recordings for continuous monitoring instrumentation.
(CC) Copies of all reports required by the FESOP.

Records of required monitoring information include the following, where applicable:

(AA) The date, place, as defined in this permit, and time of sampling or measurements.
(BB) The dates analyses were performed.

(CC) The company or entity that performed the analyses.
(DD) The analytical techniques or methods used.
(EE) The results of such analyses.
(FF) The operating conditions as existing at the time of sampling or measurement.

These records shall be physically present or electronically accessible at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.

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

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

(a) The Permittee shall submit the attached Quarterly Deviation and Compliance Monitoring Report or its equivalent. Proper notice submittal under Section B - Emergency Provisions satisfies the reporting requirements of this paragraph. Any deviation from permit requirements, the date(s) of each deviation, the cause of the deviation, and the response steps taken must be reported except that a deviation required to be reported pursuant to an applicable requirement that exists independent of this permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report. This report shall be submitted not later than thirty (30) days after the end of the reporting period. The Quarterly Deviation and Compliance Monitoring Report shall include a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1). A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit.

(b) The address for report submittal is:

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

(c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.

(d) The first report shall cover the period commencing on the date of issuance of this permit or the date of initial start-up, whichever is later, and ending on the last day of the reporting period. Reporting periods are based on calendar years, unless otherwise specified in this permit. For the purpose of this permit, “calendar year” means the twelve (12) month period from January 1 to December 31 inclusive.

Stratospheric Ozone Protection

C.19 Compliance with 40 CFR 82 and 326 IAC 22-1

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

SECTION D.1 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

(a) Two (2) Chassis Paint Spray Booths, identified as CB-1 and CB-2, approved for construction in 2024, with a maximum coating capacity of 3 chassis per day, each equipped with a conventional spray applicator to coat metal parts, using dry filters for particulate control and exhausting to stacks S1 and S2 respectively.

(b) Three (3) Barrel Paint Spray Booths, identified as BB-1 through BB-3, approved for construction in 2024, with a maximum coating capacity of 3 mixing barrels per day, each equipped with a conventional spray applicator to coat metal parts, using dry filters for particulate control and exhausting to stacks S3 through S5 respectively.

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

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

D.1.1 FESOP VOC Limits [326 IAC 2-8-4]

Pursuant to 326 IAC 2-8-4 (FESOP), the Permittee shall comply with the following:

(a) The VOC input, including coatings, dilution solvents, and cleaning solvents, to paint booths CB-1, CB-2, BB-1, BB-2 and BB-3 shall be less than 95.0 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

Compliance with these limits, combined with the potential to emit VOC from all other emission units at this source, shall limit the source-wide total potential to emit of VOC to less than one-hundred (100) tons per twelve (12) consecutive month period, and shall render the requirements of 326 IAC 2-7 (Part 70 Permits) not applicable.

D.1.2 Particulate Emission Limitations [326 IAC 6-3-2(d)]

(a) Particulate from each of the Paint Booths CB-1, CB-2, BB-1, BB-2 and BB-3 shall be controlled by a dry particulate filter, and the Permittee shall operate the control device in accordance with manufacturer's specifications.

(b) If overspray is visibly detected at the exhaust or accumulates on the ground, the Permittee shall inspect the control device and do either of the following no later than four (4) hours after such observation:

(1) Repair control device so that no overspray is visibly detectable at the exhaust or accumulates on the ground.

(2) Operate equipment so that no overspray is visibly detectable at the exhaust or accumulates on the ground.

(c) If overspray is visibly detected, the Permittee shall maintain a record of the action taken as a result of the inspection, any repairs of the control device, or change in operations, so that overspray is not visibly detected at the exhaust or accumulates on the ground. These records must be maintained for five (5) years.

D.1.3 Volatile Organic Compound (VOC) Limitations [326 IAC 8-2-9]

Pursuant to 326 IAC 8-2-9 (Miscellaneous Metal and Plastic Parts Coating Operations), for the paint booths CB-1, CB-2, BB-1, BB-2 and BB-3, the Permittee shall not allow the discharge into the atmosphere VOC in excess of four and three-tenths (4.3) for clear coats, three and five-tenths

(3.5) for air dried or forced warm air dried, three and five-tenths (3.5) for extreme performance coatings, and three (3.0) for all other coatings pounds of VOC per gallon of coating, excluding water, as delivered to the applicator.

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

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

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

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

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

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

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

D.1.5 Preventive Maintenance Plan [326 IAC 2-8-4(9)]

A Preventive Maintenance Plan is required for this facility and its control device. Section B - Preventive Maintenance Plan contains the Permittee's obligation with regard to the preventive maintenance plan required by this condition.

Compliance Determination Requirements [326 IAC 2-8-4(1)]

D.1.6 Volatile Organic Compounds [326 IAC 8-1-2] [326 IAC 8-1-4]

Compliance with the VOC limitations contained in Condition D.1.1 and D.1.3 shall be determined pursuant to 326 IAC 8-1-4(a)(3) and 326 IAC 8-1-2(a) by preparing or obtaining from the manufacturer the copies of the “as supplied” and “as applied” VOC data sheets. IDEM, OAQ, reserves the authority to determine compliance using Method 24 in conjunction with the analytical procedures specified in 326 IAC 8-1-4.

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

D.1.7 Monitoring

(a) Daily inspections shall be performed to verify the placement, integrity and particle loading of the filters controlling each paint booth. To monitor the performance of the dry filters, weekly observations shall be made of the overspray from the Paint Booths CB-1, CB-2, BB-1, BB-2 and BB-3 stacks (S1 through S5) while one or more of the booths are in operation. If a condition exists which should result in a response, the Permittee shall take a reasonable response.

(b) Monthly inspections shall be performed of the coating emissions from the stack and the presence of overspray on the rooftops and the nearby ground. When there is a noticeable change in overspray emissions, or when evidence of overspray emissions is observed, the Permittee shall take a reasonable response.

(c) Section C - Response to Excursions or Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition. Failure to take response steps shall be considered a deviation from this permit.

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

D.1.8 Record Keeping Requirement

(a) To document the compliance status with Condition D.1.1, the Permittee shall maintain records in accordance with (1) through (4) below. Records maintained for (1) through (4) shall be taken monthly and shall be complete and sufficient to establish compliance with the VOC limitations established in Conditions D.1.1.

(1) The VOC content of each coating material and solvent used less water.

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

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

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

(3) The cleanup solvent usage for each month.

(4) The total VOC input, including coatings, dilution solvents, and cleaning solvents, for each month and each compliance period.

(c) To document the compliance status with Condition D.1.7, the Permittee shall maintain a log of weekly overspray observations, daily and monthly inspections.

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

D.1.9 Reporting Requirements

A quarterly summary of the information to document the compliance status with Condition D.1.1 shall be submitted using the reporting forms located at the end of this permit, or their equivalent, not later than thirty (30) days after the end of the quarter being reported. Section C - General Reporting contains the Permittee's obligation with regard to the reporting required by this condition. The report does require a certification that meets the requirements of 326 IAC 2-8-5(a)(1) by an "authorized individual" as defined by 326 IAC 2-1.1-1(1).

SECTION D.2 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

(c) One (1) robotic laser ablation system, used to prepare barrel surface for coating, identified as LA-1, with a maximum capacity of 1.2 barrels per hour, equipped with dry filters for particulate control and exhausting indoors.

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

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

D.2.1 PSD Minor Limits [326 IAC 2-2] [326 IAC 2-3]

In order to render the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) not applicable, the Permittee shall comply with the following:

(a) PM emissions from the robotic laser ablation system shall not exceed 4.24 lb/hr.

Compliance with these limits, combined with the potential to emit PM from all other emission units at this source, shall limit the source-wide total potential to emit of PM two-hundred fifty (250) tons per twelve (12) consecutive month period, and shall render the requirements of 2-2 (Prevention of Significant Deterioration (PSD)) not applicable.

D.2.2 FESOP PM_{10} and $PM_{2.5}$ Limits [326 IAC 2-8-4]

Pursuant to 326 IAC 2-8-4 (FESOP), the Permittee shall comply with the following:

(a) PM_{10} and $PM_{2.5}$ emissions from the robotic laser ablation system shall not exceed 4.24 lb/hr.

Compliance with these limits, combined with the potential to emit PM10 and PM2.5 from all other emission units at this source, shall limit the source-wide total potential to emit of PM10 and PM2.5 to less than one-hundred (100) tons per twelve (12) consecutive month period, *each,* and shall render the requirements of 326 IAC 2-7 (Part 70 Permits) not applicable.

D.2.3 Preventive Maintenance Plan [326 IAC 2-8-4(9)]

A Preventive Maintenance Plan is required for these facilities and any control devices. Section B - Preventive Maintenance Plan contains the Permittee's obligation with regard to the preventive maintenance plan required by this condition.

Compliance Determination Requirements [326 IAC 2-8-4(1)]

D.2.4 Particulate Control

In order to assure compliance with Conditions D.2.1 and D.2.2, the filter system for particulate control shall be in operation and control emissions from the robotic laser ablation system at all times the robotic laser ablation system is in operation.

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

D.2.5 Dry Filter Inspections

The Permittee shall perform quarterly inspections of the filter system controlling particulate from robotic laser ablation system to verify that they are being operated and maintained in accordance with the manufacturer's specifications. Inspections required by this condition shall not be performed in consecutive months. All defective bags shall be replaced.

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

D.2.6 Record Keeping Requirement

(a) To document the compliance status with Condition D.2.5, the Permittee shall maintain records of the dates and results of the inspections.

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

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

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP) CERTIFICATION

Source Name: Hollingshead Mixer Company, LLC
Source Address: 200 Dekko Drive, Avilla, Indiana 46710
FESOP Permit No.: F113-47646-00128

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

Please check what document is being certified:

☐ Annual Compliance Certification Letter

☐ Test Result (specify) _____

☐ Report (specify) _____

☐ Notification (specify) _____

☐ Affidavit (specify) _____

☐ Other (specify) _____

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

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE AND ENFORCEMENT BRANCH
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
Phone: (317) 233-0178
Fax: (317) 233-6865

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)
EMERGENCY OCCURRENCE REPORT

Source Name: Hollingshead Mixer Company, LLC
Source Address: 200 Dekko Drive, Avilla, Indiana 46710
FESOP Permit No.: F113-47646-00128

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

☐ This is an emergency as defined in 326 IAC 2-7-1(12)
- The Permittee must notify the Office of Air Quality (OAQ), within four (**4**) daytime business hours (1-800-451-6027 or 317-233-0178, ask for Compliance Section); and
- The Permittee must submit notice in writing or by facsimile within two (**2**) working days (Facsimile Number: 317-233-6865), and follow the other requirements of 326 IAC 2-8-12

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
Type of Pollutants Emitted: TSP, PM-10, SO_2, VOC, NO_X, CO, Pb, other:
Estimated amount of pollutant(s) emitted during emergency:
Describe the steps taken to mitigate the problem:
Describe the corrective actions/response steps taken:
Describe the measures taken to minimize emissions:
If applicable, describe the reasons why continued operation of the facilities are necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value:

Form Completed by: _____

Title / Position: _____

Date: _____

Phone:_____

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

FESOP Quarterly Report

Source Name: Hollingshead Mixer Company, LLC
Source Address: 200 Dekko Drive, Avilla, Indiana 46710
FESOP Permit No.: F113-47646-00128
Facility: Paint Booths (CB-1, CB-2, BB-1, BB-2, and BB-3)
Parameter: Total VOC Input
Limit: Shall be less than 95.0 tons per twelve consecutive month period with compliance determined at the end of each month

QUARTER:_____ YEAR:_____

Month	Column 1	Column 2	Column 1 + Column 2
	VOC (***tons***)	***VOC*** (***tons***)	***VOC*** (***tons***)
	This Month	Previous 11 Months	12 Month Total

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

Submitted by: _____

Title / Position: _____

Signature: _____

Date: _____

Phone:_____

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE AND ENFORCEMENT BRANCH
FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP)
QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT

Source Name: Hollingshead Mixer Company, LLC
Source Address: 200 Dekko Drive, Avilla, Indiana 46710
FESOP Permit No.: F113-47646-00128

Months: _____ to _____ Year: _____

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

□ NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.

□ THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD

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

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

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

Form Completed by:_____

Title / Position: _____

Date:_____

Phone: _____

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

Hollingshead Mixer Company, LLC
200 Dekko Drive
Avilla, Indiana 46710

Affidavit of Construction

I, _____, being duly sworn upon my oath, depose and say:
(Name of the Authorized Representative)

1. I live in _____ County, Indiana and being of sound mind and over twenty-one (21) years of age, I am competent to give this affidavit.

2. I hold the position of _____ for _____.
(Title) (Company Name)

3. By virtue of my position with _____, I have personal
(Company Name)
knowledge of the representations contained in this affidavit and am authorized to make these representations on behalf of _____.
(Company Name)

4. I hereby certify that Hollingshead Mixer Company, LLC, 200 Dekko Drive, Avilla, Indiana 46710, completed construction of the cement mixing truck coating and assembly operation on _____ in conformity with the requirements and intent of the construction permit application received by the Office of Air Quality on ***Reviewer: Insert date application received at IDEM*** and as permitted pursuant to New Source Construction Permit and Federally Enforceable State Operating Permit No. F113-47646-00128, Plant ID No. 113-00128 issued on _____.

5. **Permittee, please cross out the following statement if it does not apply:** Additional (operations/facilities) were constructed/substituted as described in the attachment to this document and were not made in accordance with the construction permit.

Further Affiant said not.

I affirm under penalties of perjury that the representations contained in this affidavit are true, to the best of my information and belief.

Signature_____
Date_____

STATE OF INDIANA)
)SS
COUNTY OF _____)

Subscribed and sworn to me, a notary public in and for _____ County and State of Indiana on this _____ day of _____, 20_____. My Commission expires: _____.

Signature_____
Name_____ (typed or printed)

If the source location has been given an Enhanced 911 service address that is different than the source location address specified in the current permit, please provide the Enhanced 911 service address in the space below and please submit a permit application to modify the permit to specify the Enhanced 911 service address.

_____	_____	_____	_____
(Location Address*)*	*(City)*	*(State)*	*(ZIP Code)*

Indiana Department of Environmental Management
Office of Air Quality

Technical Support Document (TSD) for a New Source Construction and Federally Enforceable State Operating Permit (FESOP)

Source Description and Location

Source Name:	**Hollingshead Mixer Company, LLC**
Source Location:	**200 Dekko Drive, Avilla, IN 46710**
County:	**Noble**
SIC Code:	**3531 (Construction Machinery and Equipment)**
Operation Permit No.:	**F 113-47646-00128**
Permit Reviewer:	**Taylor Wade**

On March 18, 2024, the Office of Air Quality (OAQ) received an application from Hollingshead Mixer Company, LLC related to the construction and operation of new emission units and the continued operation of an existing cement mixing truck assembly plant. Before this application, source operations only consisted of welding and assembly of the cement mixing trucks. This will be the first operating permit for the source.

Existing Approvals

There have been no previous approvals issued to this source.

County Attainment Status

The source is located in Noble County.

Pursuant to amendments to Indiana Code IC 13-17-3-14, effective July 1, 2023, a federal regulation that classifies or amends a designation of attainment, nonattainment, or unclassifiable for any area in Indiana under the federal Clean Air Act is effective and enforceable in Indiana on the effective date of the federal regulation.

Pollutant	Designation
SO_2	Unclassifiable or attainment effective April 9, 2018, for the 2010 primary 1-hour SO_2 standard. Better than national secondary standards effective March 3, 1978.
CO	Unclassifiable or attainment effective November 15, 1990.
O_3	Unclassifiable or attainment effective January 16, 2018, for the 2015 8-hour ozone standard.
$PM_{2.5}$	Unclassifiable or attainment effective April 15, 2015, for the 2012 annual $PM_{2.5}$ standard.
$PM_{2.5}$	Unclassifiable or attainment effective December 13, 2009, for the 2006 24-hour $PM_{2.5}$ standard.
PM_{10}	Unclassifiable effective November 15, 1990.
NO_2	Unclassifiable or attainment effective January 29, 2012, for the 2010 NO_2 standard.
Pb	Unclassifiable or attainment effective December 31, 2011, for the 2008 lead standard.

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

(b) $PM_{2.5}$
Noble County has been classified as attainment for $PM_{2.5}$. Therefore, direct $PM_{2.5}$, SO_2, and NOx emissions were reviewed pursuant to the requirements of Prevention of Significant Deterioration (PSD), 326 IAC 2-2.

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

Fugitive Emissions

Since this type of operation is not one (1) of the twenty-eight (28) listed source categories under 326 IAC 2-2-1(ff)(1), 326 IAC 2-3-2(g), or 326 IAC 2-7-1(22)(B), and there is no applicable New Source Performance Standard or National Emission Standard for Hazardous Air Pollutants that was in effect on August 7, 1980, fugitive emissions are not counted toward the determination of PSD, Emission Offset, and Part 70 Permit applicability.

The fugitive emissions of hazardous air pollutants (HAP) are counted toward the determination of Part 70 Permit applicability and source status under Section 112 of the Clean Air Act (CAA).

Greenhouse Gas (GHG) Emissions

On June 23, 2014, in the case of *Utility Air Regulatory Group v. EPA*, cause no. 12-1146, (available at http://www.supremecourt.gov/opinions/13pdf/12-1146_4g18.pdf) the United States Supreme Court ruled that the U.S. EPA does not have the authority to treat greenhouse gases (GHGs) as an air pollutant for the purpose of determining operating permit applicability or PSD Major source status. On July 24, 2014, the U.S. EPA issued a memorandum to the Regional Administrators outlining next steps in permitting decisions in light of the Supreme Court's decision. U.S. EPA's guidance states that U.S. EPA will no longer require PSD or Title V permits for sources "previously classified as 'Major' based solely on greenhouse gas emissions."

The Indiana Environmental Rules Board adopted the GHG regulations required by U.S. EPA at 326 IAC 2-2-1(zz), pursuant to Ind. Code § 13-14-9-8(h) (Section 8 rulemaking). A rule, or part of a rule, adopted under Section 8 is automatically invalidated when the corresponding federal rule, or part of the rule, is invalidated. Due to the United States Supreme Court Ruling, IDEM, OAQ cannot consider GHG emissions to determine operating permit applicability or PSD applicability to a source or modification.

Background and Description of Emission Units and Pollution Control Equipment

The Office of Air Quality (OAQ) has reviewed an application, submitted by Hollingshead Mixer Company, LLC on March 18, 2024, relating to constructing new paint booths at the facility. Before this application, source operations only consisted of welding and assembly of the cement mixing trucks. This will be the first operating permit for the source.

The following is a list of the new emission units and pollution control device(s):

(a) Two (2) Chassis Paint Spray Booths, identified as CB-1 and CB-2, approved for construction in 2024, with a maximum coating capacity of 3 chassis per day, each equipped with a conventional spray applicator to coat metal parts, using dry filters for particulate control and exhausting to stacks S1 and S2 respectively.

(b) Three (3) Barrel Paint Spray Booths, identified as BB-1 through BB-3, approved for construction in 2024, with a maximum coating capacity of 3 mixing barrels per day, each equipped with a conventional spray applicator to coat metal parts, using dry filters for particulate control and exhausting to stacks S3 through S5 respectively.

(c) One (1) robotic laser ablation system, used to prepare barrel surface for coating, identified as LA-1, with a maximum capacity of 1.2 barrels per hour, equipped with dry filters for particulate control and exhausting indoors.

(d) One (1) natural gas fired drying oven, identified as DO-1, approved for construction in 2024, with a maximum heat input capacity of 4.00 MMBtu/hr, using no controls and exhausting outdoors.

(e) Two (2) natural gas-fired cure ovens, identified as CO-1 and CO-2, approved for construction in 2024, each with a maximum heat input capacity of 2.44 MMBtu/hr, using no controls and exhausting outdoors.

(f) Three (3) natural gas-fired cure ovens, identified as BO-1 through BO-3, approved for construction in 2024, each with a maximum heat input capacity of 3.27 MMBtu/hr, using no controls and exhausting outdoors.

(g) Forty-three (43) metal inert gas (MIG) welding stations, constructed in 2021, each with a maximum capacity of 2.1 pounds of electrode and wire per hour, equipped with no controls, and exhausting indoors.

(h) One (1) Tungsten inert gas (TIG) welding station, constructed in 2021, with a maximum capacity of 1.0 pounds of electrode and wire per hour, equipped with no controls, and exhausting indoors.

(i) One (1) submerged arc (SAW) welding station, constructed in 2021, with a maximum capacity of 9.0 pounds of electrode and wire per hour, equipped with no controls, and exhausting indoors.

(j) Two (2) plasma cutting stations, constructed in 2021, each with a maximum cutting rate of 1200 inches of metal per hour, equipped with no controls, and exhausting indoors.

(k) One (1) high-definition plasma cutting station, constructed in 2021, with a maximum cutting rate of 9300 inches of metal per hour, equipped with no controls, and exhausting indoors.

(l) Five (5) spray gun flushing/cleaning boxes, using less than 145 gallons per year.

(m) Paved Roads

Enforcement Issues

There are no pending enforcement actions related to this source.

Emission Calculations

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

Permit Level Determination – FESOP

This table reflects the unrestricted potential emissions of the source. If the control equipment has been determined to be integral, the table reflects the potential to emit (PTE) after consideration of the integral control device.

	Unrestricted Potential Emissions (ton/year)							
	PM[1]	**PM_{10}[1]**	**$PM_{2.5}$[1, 2]**	**SO_2**	**NO_X**	**VOC**	**CO**	**Total HAPs**
Total PTE of Entire Source Excluding Fugitives*	264.93	265.39	265.39	0.05	8.03	164.32	6.74	3.25
Title V Major Source Thresholds	NA	100	100	100	100	100	100	25
PSD Major Source Thresholds	250	250	250	250	250	250	250	--

[1]Under the Part 70 Permit program (40 CFR 70), PM_{10} and $PM_{2.5}$, not particulate matter (PM), are each considered as a "regulated air pollutant."

[2]$PM_{2.5}$ listed is direct $PM_{2.5}$.

*Fugitive HAP emissions are always included in the source-wide emissions.

Appendix A of this TSD reflects the detailed unrestricted potential emissions of the source.

(a) The potential to emit (as defined in 326 IAC 2-7-1(30)) of PM10, PM2.5 and VOC are each equal to or greater than one hundred (100) tons per year. The potential to emit of all other regulated air pollutants is less than one hundred (100) tons per year. The source would have been subject to the provisions of 326 IAC 2-7. However, the source will be issued a New Source Construction Permit (326 IAC 2-5.1-3) and a Federally Enforceable State Operating Permit (FESOP) (326 IAC 2-8), because the source will limit emissions to less than the Title V major source threshold levels.

(b) The potential to emit (as defined in 326 IAC 2-7-1(30)) of any single HAP is less than ten (10) tons per year and/or the potential to emit (as defined in 326 IAC 2-7-1(30)) of a combination of HAPs is less than twenty-five (25) tons per year. Therefore, this source is an area source under Section 112 of the Clean Air Act (CAA).

PTE of the Entire Source After Issuance of the FESOP

The table below summarizes the after issuance source-wide potential to emit, reflecting all limits, of the emission units. Any control equipment is considered federally enforceable only after issuance of this FESOP, and only to the extent that the effect of the control equipment is made practically enforceable in the permit. If the control equipment has been determined to be integral, the table reflects the potential to emit (PTE) after consideration of the integral control device.

	Source-Wide Emissions After Issuance (ton/year)							
	PM[1]	**PM_{10}[1]**	**$PM_{2.5}$[1, 2]**	**SO_2**	**NO_X**	**VOC**	**CO**	**Total HAPs**
Total PTE of Entire Source Excluding Fugitives*	31.98	32.44	32.44	0.05	8.03	95.44	6.74	3.25

	Source-Wide Emissions After Issuance (ton/year)							
	PM[1]	PM_{10}[1]	$PM_{2.5}$[1, 2]	SO_2	NO_X	VOC	CO	Total HAPs
Title V Major Source Thresholds	NA	100	100	100	100	100	100	25
PSD Major Source Thresholds	250	250	250	250	250	250	250	--

[1]Under the Part 70 Permit program (40 CFR 70), PM_{10} and $PM_{2.5}$, not particulate matter (PM), are each considered as a "regulated air pollutant."
[2]$PM_{2.5}$ listed is direct $PM_{2.5}$.
*Fugitive HAP emissions are always included in the source-wide emissions.

Appendix A of this TSD reflects the detailed potential to emit of the entire source after issuance.

The source opted to take PM_{10}, $PM_{2.5}$ and VOC limit(s) in order to render the requirements of 326 IAC 2-7 (Part 70 Permits) not applicable to this source. See Technical Support Document (TSD) State Rule Applicability - Entire Source section, 326 IAC 2-2 (PSD) and 326 IAC 2-3 (Emission Offset), 326 IAC 2-8 (FESOP), for more information regarding the limit(s).

(a) This new stationary source is minor under Title V (326 IAC 2-7) because the potential to emit regulated air pollutants and HAPs from the entire source is less than or limited to less than the Title V major source threshold levels. Therefore, the source is subject to the provisions of 326 IAC 2-8 (FESOP) and is an area source under Section 112 of the Clean Air Act (CAA).

(b) This new stationary source is minor under PSD (326 IAC 2-2) because the potential to emit of all PSD regulated pollutants from the entire source is less than the PSD major source thresholds. Therefore, pursuant to 326 IAC 2-2, the PSD requirements do not apply.

Federal Rule Applicability Determination

Federal rule applicability for this source has been reviewed as follows:

New Source Performance Standards (NSPS):

(a) The requirements of the New Source Performance Standard for Surface Coating of Metal Furniture, 40 CFR 60.310, Subpart EE, are not included in the permit because this source does not apply surface coating to metal furniture.

(b) The requirements of the New Source Performance Standard for Automobile and Light Duty Truck Surface Coating Operations, 40 CFR 60.390, Subpart MM, are not included in the permit because this source does not operate as an automobile or light duty truck assembly plant.

(c) The requirements of the New Source Performance Standard for Industrial Surface Coating: Large Appliances, 40 CFR 60.450, Subpart SS, are not included in the permit because this source does not apply surface coatings to large appliances.

(d) The requirements of the New Source Performance Standard for Metal Coil Surface Coating, 40 CFR 60.460, Subpart TT, are not included in the permit because this source does not apply surface coating to metal coils.

(e) There are no other New Source Performance Standards (40 CFR Part 60) and 326 IAC 12 included in the permit.

National Emission Standards for Hazardous Air Pollutants (NESHAP):

(a) The requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAP) for

Shipbuilding and Ship Repair (Surface Coating), Subpart II are not included in the permit because this source does not apply surface coating to ships.

(b) The requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Surface Coating of Automobiles and Light-Duty Trucks, Subpart IIII are not included in the permit because this source does not apply surface coating to automobiles and Light-Duty trucks.

(c) The requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Surface Coating of Metal Cans, Subpart KKKK are not included in the permit because this source does not apply surface coating to metal cans.

(d) The requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Surface Coating of Miscellaneous Metal Parts and Products, Subpart MMMM are not included in the permit because this source is not a major source of HAPs.

(e) The requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Surface Coating of Large Appliances, Subpart NNNN are not included in the permit because this source does not apply surface coatings to large appliances.

(f) The requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Surface Coating of Wood Building Products, Subpart QQQQ are not included in the permit because this source does not apply surface coating to wood building products.

(g) The requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Surface Coating of Metal Furniture, Subpart RRRR are not included in the permit because this source does not apply surface coating to metal furniture.

(h) The requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources, Subpart HHHHHH are not included in the permit because this source does not engage in paint stripping operations using methylene chloride or apply coatings that contain compounds of the target HAP.

(i) There are no other National Emission Standards for Hazardous Air Pollutants under 40 CFR 63, 326 IAC 14 and 326 IAC 20 included in the permit.

Compliance Assurance Monitoring (CAM):

Pursuant to 40 CFR 64.2, Compliance Assurance Monitoring (CAM) is not included in the permit, because the unlimited potential to emit of the source is limited to less than the Title V major source thresholds and the source is not required to obtain a Part 70 or Part 71 permit.

State Rule Applicability - Entire Source

State rule applicability for this source has been reviewed as follows:

326 IAC 2-2 (PSD) and 326 IAC 2-3 (Emission Offset)
PSD, and Emission Offset applicability is discussed under the PTE of the Entire Source After Issuance of the FESOP section of this document.

PSD Minor Source Limit(s)

In order to render the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) not applicable, the Permittee shall comply with the following:

(a) PM emissions from the laser ablation system shall not exceed 4.24 lb/hr.

Compliance with these limits, combined with the potential to emit PM from all other emission units at this source, shall limit the source-wide total potential to emit of PM, PM_{10} and $PM_{2.5}$ to less than

250 tons per twelve (12) consecutive month period, and shall render the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) not applicable.

326 IAC 2-4.1 (Major Sources of Hazardous Air Pollutants (HAP))
The operation of this source will emit less than ten (10) tons per year for a single HAP and less than twenty-five (25) tons per year for a combination of HAPs. Therefore, 326 IAC 2-4.1 does not apply.

326 IAC 2-6 (Emission Reporting)
This source is not subject to 326 IAC 2-6 (Emission Reporting), because it is not required to have an operating permit pursuant to 326 IAC 2-7 (Part 70), it is not located in Lake or Porter County, and its potential to emit lead is less than 5 tons per year. Therefore, this rule does not apply.

326 IAC 2-8-4 (FESOP)
FESOP applicability is discussed under the PTE of the Entire Source After Issuance of the FESOP section of this document.

FESOP PM_{10}, and $PM_{2.5}$ Limit(s)

Pursuant to 326 IAC 2-8-4 (FESOP), and in order to render the requirements of 326 IAC 2-7 (Part 70 Permits), not applicable, the Permittee shall comply with the following:

(a) PM_{10} and $PM_{2.5}$ emissions from the laser ablation system shall not exceed 4.24 lb/hr.

Compliance with these limits, combined with the potential to emit PM_{10}, and $PM_{2.5}$ from all other emission units at this source, shall limit the source-wide total potential to emit of PM_{10}, and $PM_{2.5}$ to less than 100 tons per twelve (12) consecutive month period, each, and shall render the requirements of 326 IAC 2-7 (Part 70 Permits) not applicable.

FESOP VOC Limit(s)

Pursuant to 326 IAC 2-8-4 (FESOP), and in order to render the requirements of 326 IAC 2-7 (Part 70 Permits), not applicable, the Permittee shall comply with the following:

(a) The VOC input, including coatings, dilution solvents, and cleaning solvents, to paint booths CB-1, CB-2, BB-1, BB-2 and BB-3 shall be less than 95.0 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

Compliance with these limits, combined with the potential to emit VOC from all other emission units at this source, shall limit the source-wide total potential to emit of VOC to less than 100 tons per twelve (12) consecutive month period and shall render the requirements of 326 IAC 2-7 (Part 70 Permits) not applicable.

326 IAC 5-1 (Opacity Limitations)
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:

(1) 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.

(2) 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.

326 IAC 6-4 (Fugitive Dust Emissions Limitations)
Pursuant to 326 IAC 6-4 (Fugitive Dust Emissions Limitations), the source 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.

326 IAC 6-5 (Fugitive Particulate Matter Emission Limitations)
This source is not subject to the requirements of 326 IAC 6-5, because the source has potential fugitive particulate emissions of less than twenty-five (25) tons per year.

326 IAC 6.5 (Particulate Matter Limitations Except Lake County)
Pursuant to 326 IAC 6.5-1-1(a), this source (located in Noble County) is not subject to the requirements of 326 IAC 6.5 because it is not located in one of the following counties: Clark, Dearborn, Dubois, Howard, Marion, St. Joseph, Vanderburgh, Vigo or Wayne.

326 IAC 6.8 (Particulate Matter Limitations for Lake County)
Pursuant to 326 IAC 6.8-1-1(a), this source (located in Noble County) is not subject to the requirements of 326 IAC 6.8 because it is not located in Lake County.

326 IAC 6.8 (Lake County: Fugitive Particulate Matter)
Pursuant to 326 IAC 6.8-10-1, this source (located in Noble County) is not subject to the requirements of 326 IAC 6.8-10 because it is not located in Lake County.

State Rule Applicability – Individual Facilities

State rule applicability for this source has been reviewed as follows:

Surface Coating Booths (CB-1, CB-2, BB-1, BB-2, BB-3)

326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes)
Pursuant to 326 IAC 6-3-1(a), the requirements of 326 IAC 6-3-2 are applicable to each of the paint booths identified as CB-1, CB-2, BB-1, BB-2 and BB-3, since they are manufacturing processes not exempted from this rule under 326 IAC 6-3-1(b) and is not subject to a particulate matter limitation that is as stringent as or more stringent than the particulate limitation established in this rule as specified in 326 IAC 6-3-1(c).

Particulate from the surface coating booths shall be controlled by a dry particulate filter and the Permittee shall operate the control device in accordance with manufacturer's specifications.

326 IAC 8-1-6 (VOC Rules: General Reduction Requirements for New Facilities)
The paint booths are not subject to the requirements of 326 IAC 8-1-6 because it is regulated by other rules in 326 IAC 8. The paint booths are subject to the requirements of 326 IAC 8-2-9 (Miscellaneous metal and plastic parts coating operations).

326 IAC 8-2-9 (Miscellaneous Metal and Plastic Parts Coating Operations)
(a) Pursuant to 326 IAC 8-2-1(a) and 326 IAC 8-2-9(a), the paint booths CB-1, CB-2, BB-1, BB-2 and BB-3 are subject to the requirements of 326 IAC 8-2-9, since it was constructed in 2024, located in Noble County, and has the unlimited PTE of VOC equal to or greater than 15 lb/day, and this source performs miscellaneous metal surface coating under the Standard Industrial Classification Code of major group #35.

Pursuant to 326 IAC 8-2-9 (Miscellaneous Metal and Plastic Parts Coating Operations), the volatile organic compound (VOC) content of coating delivered to the applicator at the paint booths shall not exceed four and three-tenths (4.3) for clear coats, three and five-tenths (3.5) for air dried or forced warm air dried, three and five-tenths (3.5) for extreme performance coatings, and three (3.0) for all other coatings of VOC per gallon of coating less water.

(b) The paint booths CB-1, CB-2, BB-1, BB-2 and BB-3 are also subject to the work practices specified under 326 IAC 8-2-9(f).

(c) Based on the MSDS submitted by the source and calculations made, the paint booths CB-1, CB-2, BB-1, BB-2 and BB-3 are able to comply with this requirement by using only as-applied compliant coatings.

Laser Ablation System

326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes)
Pursuant to 326 IAC 6-3-1(a), the requirements of 326 IAC 6-3-2 are applicable to the robotic laser ablation system, since it is a manufacturing process not exempted from this rule under 326 IAC 6-3-1(b) and is not subject to a particulate matter limitation that is as stringent as or more stringent than the particulate limitation established in this rule as specified in 326 IAC 6-3-1(c).

Pursuant to 326 IAC 6-3-2, the particulate matter (PM) from the robotic laser ablation system shall not exceed 7.10 pounds per hour when operating at a process weight rate of 2.27 tons per hour. The pound 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:
>
> $E = 4.10\ P^{0.67}$ where E = rate of emission in pounds per hour and P = process weight rate in tons per hour
>
> Interpolation and extrapolation of the data for the process weight rate in excess of sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

The filter system shall be in operation at all times the robotic laser ablation system is in operation, in order to comply with this limit.

Welding and Plasma Cutting

326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes)
Pursuant to 326 IAC 6-3-1(b)(9), the welding processes are not subject to the requirements of 326 IAC 6-3, since these processes consume less than 625 pounds of electrode per day.

326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes)
Pursuant to 326 IAC 6-3-1(b)(14), the plasma cutting processes are not subject to the requirements of 326 IAC 6-3, since they have potential particulate emissions less than 0.551 lbs/hr.

Natural Gas Ovens

326 IAC 6-2-1 (Particulate Emission Limitations for Sources of Indirect Heating)
Pursuant to 326 IAC 6-2-1(a), the natural gas fired cure and drying ovens are not subject to the requirements of 326 IAC 6-2, since these are direct fired units.

326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes)
Pursuant to 326 IAC 6-3-1(b)(14), the natural gas fired ovens are not subject to the requirements of 326 IAC 6-3, since they have potential particulate emissions less than 0.551 lbs/hr.

Spray Gun Flushing Boxes

326 IAC 8-3 (Organic Solvent Degreasing Operations)
Pursuant to 326 IAC 8-3-1(d)(3), the spray gun cleaning operation is exempt from the requirements of 326 IAC 8-3-2 and 326 IAC 8-3-8 because it is a spray gun cleaner that meets the following conditions:

(a) The spray gun cleaner is not used to clean parts.

(b) The spray gun cleaner is a flushing and cleaning system that:

(1) has solvent pumped through or on the spray gun and spray gun components to flush out

and clean off remaining coating;

(2) has solvent recirculated within the cleaner and any associated solvent storage tank; or

(3) uses nonatomized spray for flushing and cleaning lines and spray guns that are:

(i) connected to a container of solvent; and

(ii) sprayed, are drained, or flow into a container that is covered or closed when not in use.

(c) The spray gun and spray gun components are not immersed in solvent.

Compliance Determination and Monitoring Requirements

(a) The Compliance Determination Requirements applicable to this source are as follows:

(1) The dry filters for PM, PM_{10} and $PM_{2.5}$ control shall be in operation and control emissions from the paint booths CB-1, CB-2, BB-1, BB-2 and BB-3 at all times the associated units are in operation.

(2) Compliance with the VOC limitations shall be determined pursuant to 326 IAC 8-1-4(a)(3) and 326 IAC 8-1-2(a) by preparing or obtaining from the manufacturer the copies of the "as supplied" and "as applied" VOC data sheets. IDEM, OAQ, reserves the authority to determine compliance using Method 24 in conjunction with the analytical procedures specified in 326 IAC 8-1-4.

Testing Requirements:

(1) IDEM OAQ has determined that testing of the robotic laser ablation system is not required at this time to determine compliance with the PM_{10} and $PM_{2.5}$ emission limits. IDEM has the authority to require testing at a later time if necessary to demonstrate compliance with any applicable requirement.

(b) The Compliance Monitoring Requirements applicable to this source are as follows:

Emission Unit	Type of Parametric Monitoring	Frequency	Range or Specification
Surface Coating Dry Filters (CB-1, CB-2, BB-1, BB-2, and BB-3)	Dry Filter Inspections	Daily	Verify the placement, integrity and particle loading of the filters
	Observations for stack overspray	Weekly	Verify if there is an overspray condition that should result in a response
	Inspections for stack emissions and presence of overspray	Monthly	Verify if there is a noticeable change in overspray emissions or evidence of overspray
Laser Ablation Filter System	Filter Inspections	Quarterly	Verify that it is operated and maintained per manufacturer's specifications

These monitoring conditions are necessary because the dry filters for the Paint booths CB-1, CB-2, BB-1, BB-2, and BB-3 must operate properly to assure compliance with 326 IAC 2-8 (FESOP), 326 IAC 2-2 (PSD) and 326 IAC 6-3 (Particulate Emissions Limitations for Manufacturing Processes).

Conclusion and Recommendation

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 March 18, 2024.

The construction and operation of this source shall be subject to the conditions of the attached proposed New Source Construction and FESOP No. 113-47646-00128. The staff recommends to the Commissioner that the New Source Construction and FESOP be approved.

IDEM Contact

(a) If you have any questions regarding this permit, please contact Taylor Wade, Indiana Department Environmental Management, Office of Air Quality, Permits Branch, 100 North Senate Avenue, MC 61-53 IGCN 1003, Indianapolis, Indiana 46204-2251, or by telephone at (317) 233-0868 or (800) 451-6027, and ask for Taylor Wade or (317) 233-0868.

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

(c) For additional information about air permits and how the public and interested parties can participate, refer to the IDEM Air Permits page on the Internet at: https://www.in.gov/idem/airpermit/public-participation/; and the Citizens' Guide to IDEM on the Internet at: https://www.in.gov/idem/resources/citizens-guide-to-idem/.

Appendix A: Emission Calculations
PTE Summary

Company Name: Hollingshead Mixer Company, LLC
Source Address: 200 Dekko Drive, Avilla, IN 46710
Permit Number: T113-47646-00128
Reviewer: Taylor Wade

Uncontrolled Potential to Emit (tons/yr)								
Emissions Unit	**PM**	**PM10**	**PM2.5 ***	**SO_2**	**NOx**	**VOC**	**CO**	**Total HAPs****
Chassis Booth 1	46.09	46.09	46.09	-	-	34.19	-	0.492
Chassis Booth 2	46.09	46.09	46.09	-	-	34.17	-	0.492
Barrel Booth 1	31.48	31.48	31.48	-	-	32.00	-	0.492
Barrel Booth 2	31.48	31.48	31.48	-	-	32.00	-	0.492
Barrel Booth 3	31.48	31.48	31.48	-	-	32.00	-	0.492
Natural Gas Fired Ovens (Cure and Drying)	0.15	0.61	0.61	0.05	8.03	0.44	6.74	1.51E-01
Welding and Plasma Cutting	3.95	3.95	3.95	-	-	-	-	0.634
Robotic Laser Cleaning	74.21	74.21	74.21	-	-	-	-	-
Total Excluding Fugitives	**264.93**	**265.39**	**265.39**	**0.05**	**8.03**	**164.78**	**6.74**	***3.25***
Fugitive Emissions								
Paved Roads	4.10	0.82	0.20	-	-	-	-	-

** PM2.5 listed is direct PM2.5*
***Fugitve HAP emissions are always included in the source-wide emissions*

Limited Potential to Emit (tons/yr)								
Emissions Unit	**PM**	**PM10**	**PM2.5 ***	**SO_2**	**NOx**	**VOC**	**CO**	**Total HAPs****
Chassis Booth 1	2.30	2.30	2.30	-	-	95.00	-	0.492
Chassis Booth 2	2.30	2.30	2.30	-	-		-	0.492
Barrel Booth 1	1.57	1.57	1.57	-	-		-	0.492
Barrel Booth 2	1.57	1.57	1.57	-	-		-	0.492
Barrel Booth 3	1.57	1.57	1.57	-	-		-	0.492
Natural Gas Fired Ovens (Cure and Drying)	0.15	0.61	0.61	0.05	8.03	0.44	6.74	0.15
Welding and Plasma Cutting	3.95	3.95	3.95	-	-	-	-	0.63
Robotic Laser Cleaning	18.55	18.55	18.55	-	-	-	-	-
Total Excluding Fugitives	**31.98**	**32.44**	**32.44**	**0.05**	**8.03**	**95.44**	**6.74**	***3.25***
Fugitive Emissions								
Paved Roads	4.10	0.82	0.20	-	-	-	-	-

** PM2.5 listed is direct PM2.5*
Note: The shaded cells indicate where limits are included.

Appendix A: Emissions Calculations
VOC and Particulate
From Surface Coating Operations (CB-1)

Company Name: Hollingshead Mixer Company, LLC
Source Address: 200 Dekko Drive, Avilla, IN 46710
Permit Number: T113-47646-00128
Reviewer: Taylor Wade

Material	Density (lbs/gal)	Weight % Volatile (water, VOC, and exempt compounds*)	Weight % water and exempt compounds*	Weight % VOC	Volume % water and exempt compounds*	Volume % Solids	Maximum Material Usage (gal/unit)	Maximum Capacity (units/hour)	Maximum Material Usage (gal/day)	Pounds VOC per gallon of coating less water and exempt compounds	Pounds VOC per gallon of coating	PTE of VOC (lbs/hour)	PTE of VOC (lbs/day)	PTE of VOC (tons/year)	Uncontrolled PTE of PM/PM10/PM2.5 (tons/year)	Pounds VOC per gallon of coating solids	Transfer Efficiency
Primer- EEA0132	11.91	29.40%	0.01%	29.39%	0.00%	51.20%	6.000	0.125	18.000	3.50	3.50	2.63	63.01	11.50	19.34	6.84	30%
White Coat- KPW0500	10.26	32.40%	0.00%	32.40%	0.00%	53.60%	5.000	0.125	15.000	3.32	3.32	2.08	49.86	9.10	13.29	6.20	30%
Red Coat- KPR0790	8.70	38.70%	0.00%	38.70%	0.00%	53.10%	2.000	0.125	6.000	3.37	3.37	0.84	20.20	3.69	4.09	6.34	30%
Clear Coat- KPC3342	8.39	41.70%	0.00%	41.70%	0.00%	52.40%	5.000	0.125	15.000	3.50	3.50	2.19	52.48	9.58	9.37	6.68	30%
Wash Solution (Aerogreen 4160)	8.45	100.00%	99.00%	1.00%	0.00%	0.00%	7.000	0.125	21.000	0.08	0.08	0.07	1.77	0.32	0.00	#DIV/0!	30%
								Totals	**54.00**			**7.81**	**187.33**	**34.19**	**46.09**		

Control Efficiency =	**95.0%**
Total Controlled Potential to Emit (PTE) (tons/year) =	**2.30**

Methodology

*Exempt compounds include all compounds specifically exempted from the definition of volatile organic compounds (VOC) under 40 CFR 51.100(s).
Weight % VOC = [Weight % Volatile (water, VOC, and exempt Compounds*)] - [Weight % water and exempt Compounds]
Maximum Material Usage (gal/day) = [Maximum Material Usage (gal/unit)] * [Maximum Capacity (units/hour)] * [24 hours/day]
Pounds of VOC per gallon coating less water and exempt Compounds = [Density (lbs/gal)] * [Weight % VOC] / [1 - (Volume % water and exempt Compounds)]
Pounds of VOC per gallon coating = [Density (lbs/gal)] * [Weight % VOC]
PTE of VOC (lbs/hour) = [Maximum Material Usage (gal/unit)] * [Maximum Capacity (units/hour)] * [Pounds of VOC per gallon coating]
PTE of VOC (lbs/day) = [PTE of VOC (lbs/hour)] * [24 hours/day]
PTE of VOC (tons/year) = [PTE of VOC (lbs/hour)] * [8760 hours/year]* [1 ton/2000 lbs]
Uncontrolled PTE of PM/PM10/PM2.5 (tons/year) = [Density (lbs/gal)] * [Maximum Material Usage (gal/unit)] * [Maximum Capacity (units/hour)] * [1 - Weight % Volatile)] * [1 - Transfer Efficiency)] * [8760 hour/year] * [1 ton/2000 lbs]
Pounds VOC per gallon of coating solids = [Density (lbs/gal)] * [Weight % VOCs] / [Volume % Solids]
Controlled PTE of PM/PM10/PM2.5 (tons/year) = [Uncontrolled PTE of PM/PM10/PM2.5 (tons/year)] * [1 - Control Efficiency]

Appendix A: Emissions Calculations
Hazardous Air Pollutants (HAPs)
From Surface Coating Operations (CB-1)

Company Name: Hollingshead Mixer Company, LLC
Source Address: 200 Dekko Drive, Avilla, IN 46710
Permit Number: T113-47646-00128
Reviewer: Taylor Wade

Material	Density (lbs/gal)	Maximum Material Usage (gal/unit)	Maximum Capacity (units/hour)	Weight % Cumene	Weight % Naphthalene	Weight % Ethylbenzene	Weight % MIBK	PTE of Cumene (tons/year)	PTE of Naphthalene (tons/year)	PTE of Ethylbenzene (tons/year)	PTE of MIBK (tons/year)	PTE of Total HAPs (tons/year)
Primer- EEA0132	11.91	6.000	0.125	0.21%	0.00%	0.17%	0.35%	0.08	0.00	0.07	0.14	0.29
White Coat- KPW0500	10.26	5.000	0.125	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00
Red Coat- KPR0790	8.70	2.000	0.125	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00
Clear Coat- KPC3342	8.39	5.000	0.125	0.30%	0.30%	0.30%	0.00%	0.07	0.07	0.07	0.00	0.21
								0.15	**0.07**	**0.14**	**0.14**	**0.49**

Methodology
PTE of HAP (tons/year) = [Density (lbs/gal)] * [Maximum Material Usage (gal/unit)] * [Maximum Capacity (units/hour)] * [Weight % HAP] * [8760 hours/year]* [1 ton/2000 lbs]
PTE of Total HAPs (tons/year) = SUM (PTE of Each Single HAP (tons/year))
Hazardous air pollutant (HAP) is defined by Section 112(b) of the Clean Air Act.

Appendix A: Emissions Calculations
VOC and Particulate
From Surface Coating Operations (CB-2)

Company Name: Hollingshead Mixer Company, LLC
Source Address: 200 Dekko Drive, Avilla, IN 46710
Permit Number: T113-47646-00128
Reviewer: Taylor Wade

Material	Density (lbs/gal)	Weight % Volatile (water, VOC, and exempt compounds*)	Weight % water and exempt compounds*	Weight % VOC	Volume % water and exempt compounds*	Volume % Solids	Maximum Material Usage (gal/unit)	Maximum Capacity (units/hour)	Maximum Material Usage (gal/day)	Pounds VOC per gallon of coating less water and exempt compounds	Pounds VOC per gallon of coating	PTE of VOC (lbs/hour)	PTE of VOC (lbs/day)	PTE of VOC (tons/year)	Uncontrolled PTE of PM/PM10/PM2.5 (tons/year)	Pounds VOC per gallon of coating solids	Transfer Efficiency
Primer- EEA0132	11.91	29.40%	0.06%	29.34%	0.00%	51.20%	6.000	0.125	18.000	3.49	3.49	2.62	62.90	11.48	19.34	6.82	30%
White Coat- KPW0500	10.26	32.40%	0.00%	32.40%	0.00%	53.60%	5.000	0.125	15.000	3.32	3.32	2.08	49.86	9.10	13.29	6.20	30%
Red Coat- KPR0790	8.70	38.70%	0.01%	38.69%	0.00%	53.10%	2.000	0.125	6.000	3.37	3.37	0.84	20.20	3.69	4.09	6.34	30%
Clear Coat- KPC3342	8.39	41.70%	0.00%	41.70%	0.00%	52.40%	5.000	0.125	15.000	3.50	3.50	2.19	52.48	9.58	9.37	6.68	30%
Wash Solution (Aerogreen 4160)	8.45	100.00%	99.00%	1.00%	0.00%	0.00%	7.000	0.125	21.000	0.08	0.08	0.07	1.77	0.32	0.00	#DIV/0!	30%
								Totals	**54.00**			**7.80**	**187.21**	**34.17**	**46.09**		

Control Efficiency =	**95.0%**
Total Controlled Potential to Emit (PTE) (tons/year) =	**2.30**

Methodology
*Exempt compounds include all compounds specifically exempted from the definition of volatile organic compounds (VOC) under 40 CFR 51.100(s).
Weight % VOC = [Weight % Volatile (water, VOC, and exempt Compounds*)] - [Weight % water and exempt Compounds]
Maximum Material Usage (gal/day) = [Maximum Material Usage (gal/unit)] * [Maximum Capacity (units/hour)] * [24 hours/day]
Pounds of VOC per gallon coating less water and exempt Compounds = [Density (lbs/gal)] * [Weight % VOC] / [1 - (Volume % water and exempt Compounds)]
Pounds of VOC per gallon coating = [Density (lbs/gal)] * [Weight % VOC]
PTE of VOC (lbs/hour) = [Maximum Material Usage (gal/unit)] * [Maximum Capacity (units/hour)] * [Pounds of VOC per gallon coating]
PTE of VOC (lbs/day) = [PTE of VOC (lbs/hour)] * [24 hours/day]
PTE of VOC (tons/year) = [PTE of VOC (lbs/hour)] * [8760 hours/year]* [1 ton/2000 lbs]
Uncontrolled PTE of PM/PM10/PM2.5 (tons/year) = [Density (lbs/gal)] * [Maximum Material Usage (gal/unit)] * [Maximum Capacity (units/hour)] * [1 - Weight % Volatile)] * [1 - Transfer Efficiency)] * [8760 hour/year] * [1 ton/2000 lbs]
Pounds VOC per gallon of coating solids = [Density (lbs/gal)] * [Weight % VOCs] / [Volume % Solids]
Controlled PTE of PM/PM10/PM2.5 (tons/year) = [Uncontrolled PTE of PM/PM10/PM2.5 (tons/year)] * [1 - Control Efficiency]

Appendix A: Emissions Calculations
Hazardous Air Pollutants (HAPs)
From Surface Coating Operations (CB-2)

Company Name: Hollingshead Mixer Company, LLC
Source Address: 200 Dekko Drive, Avilla, IN 46710
Permit Number: T113-47646-00128
Reviewer: Taylor Wade

Material	Density (lbs/gal)	Material Usage (gal/unit)	Maximum Capacity (units/hour)	Weight % Cumene	Weight % Naphthalene	Weight % Ethylbenzene	Weight % MIBK	PTE of Cumene (tons/year)	PTE of Naphthalene (tons/year)	PTE of Ethylbenzene (tons/year)	PTE of MIBK (tons/year)	PTE of Total HAPs (tons/year)
Primer- EEA0132	11.91	6.000	0.125	0.21%	0.00%	0.17%	0.35%	0.08	0.00	0.07	0.14	0.29
White Coat- KPW0500	10.26	5.000	0.125	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00
Red Coat- KPR0790	8.70	2.000	0.125	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00
Clear Coat- KPC3342	8.39	5.000	0.125	0.30%	0.30%	0.30%	0.00%	0.07	0.07	0.07	0.00	0.21
								0.15	**0.07**	**0.14**	**0.14**	**0.49**

Methodology
PTE of HAP (tons/year) = [Density (lbs/gal)] * [Maximum Material Usage (gal/unit)] * [Maximum Capacity (units/hour)] * [Weight % HAP] * [8760 hours/year]* [1 ton/2000 lbs]
PTE of Total HAPs (tons/year) = SUM (PTE of Each Single HAP (tons/year))
Hazardous air pollutant (HAP) is defined by Section 112(b) of the Clean Air Act.

Appendix A: Emissions Calculations
VOC and Particulate
From Surface Coating Operations (BB-1)

Company Name: Hollingshead Mixer Company, LLC
Source Address: 200 Dekko Drive, Avilla, IN 46710
Permit Number: T113-47646-00128
Reviewer: Taylor Wade

Material	Density (lbs/gal)	Weight % Volatile (water, VOC, and exempt compounds*)	Weight % water and exempt compounds*	Weight % VOC	Volume % water and exempt compounds*	Volume % Solids	Maximum Material Usage (gal/unit)	Maximum Capacity (units/hour)	Maximum Material Usage (gal/day)	Pounds VOC per gallon of coating less water and exempt compounds	Pounds VOC per gallon of coating	PTE of VOC (lbs/hour)	PTE of VOC (lbs/day)	PTE of VOC (tons/year)	Uncontrolled PTE of PM/PM10/PM2.5 (tons/year)	Pounds VOC per gallon of coating solids	Transfer Efficiency
Primer- EEA0132	11.91	29.40%	0.06%	29.34%	0.00%	51.20%	6.000	0.125	18.000	3.49	3.49	2.62	62.90	11.48	13.81	6.82	50%
White Coat- KPW0500	10.26	32.40%	0.00%	32.40%	0.00%	53.60%	5.000	0.125	15.000	3.32	3.32	2.08	49.86	9.10	9.49	6.20	50%
Blue Coat- KPL0505	8.77	38.30%	0.01%	38.29%	0.00%	53.10%	1.000	0.125	3.000	3.36	3.36	0.42	10.07	1.84	1.48	6.32	50%
Clear Coat- KPC3342	8.39	41.70%	0.00%	41.70%	0.00%	52.40%	5.000	0.125	15.000	3.50	3.50	2.19	52.48	9.58	6.70	6.68	50%
								Totals	**51.00**			**7.30**	**175.32**	**32.00**	**31.48**		

Control Efficiency =	**95.0%**
Total Controlled Potential to Emit (PTE) (tons/year) =	**1.57**

Methodology

*Exempt compounds include all compounds specifically exempted from the definition of volatile organic compounds (VOC) under 40 CFR 51.100(s).
Weight % VOC = [Weight % Volatile (water, VOC, and exempt Compounds*)] - [Weight % water and exempt Compounds]
Maximum Material Usage (gal/day) = [Maximum Material Usage (gal/unit)] * [Maximum Capacity (units/hour)] * [24 hours/day]
Pounds of VOC per gallon coating less water and exempt Compounds = [Density (lbs/gal)] * [Weight % VOC] / [1 - (Volume % water and exempt Compounds)]
Pounds of VOC per gallon coating = [Density (lbs/gal)] * [Weight % VOC]
PTE of VOC (lbs/hour) = [Maximum Material Usage (gal/unit)] * [Maximum Capacity (units/hour)] * [Pounds of VOC per gallon coating]
PTE of VOC (lbs/day) = [PTE of VOC (lbs/hour)] * [24 hours/day]
PTE of VOC (tons/year) = [PTE of VOC (lbs/hour)] * [8760 hours/year]* [1 ton/2000 lbs]
Uncontrolled PTE of PM/PM10/PM2.5 (tons/year) = [Density (lbs/gal)] * [Maximum Material Usage (gal/unit)] * [Maximum Capacity (units/hour)] * [1 - Weight % Volatile)] * [1 - Transfer Efficiency)] * [8760 hour/year] * [1 ton/2000 lbs]
Pounds VOC per gallon of coating solids = [Density (lbs/gal)] * [Weight % VOCs] / [Volume % Solids]
Controlled PTE of PM/PM10/PM2.5 (tons/year) = [Uncontrolled PTE of PM/PM10/PM2.5 (tons/year)] * [1 - Control Efficiency]

Appendix A: Emissions Calculations
Hazardous Air Pollutants (HAPs)
From Surface Coating Operations (BB-1)

Company Name: Hollingshead Mixer Company, LLC
Source Address: 200 Dekko Drive, Avilla, IN 46710
Permit Number: T113-47646-00128
Reviewer: Taylor Wade

Material	Density (lbs/gal)	Material Usage (gal/unit)	Maximum Capacity (units/hour)	Weight % Cumene	Weight % Naphthalene	Weight % Ethylbenzene	Weight % MIBK	PTE of Cumene (tons/year)	PTE of Naphthalene (tons/year)	PTE of Ethylbenzene (tons/year)	PTE of MIBK (tons/year)	PTE of Total HAPs (tons/year)
Primer- EEA0132	11.91	6.000	0.125	0.21%	0.00%	0.17%	0.35%	0.08	0.00	0.07	0.14	0.29
White Coat- KPW0500	10.26	5.000	0.125	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00
Red Coat- KPR0790	8.70	2.000	0.125	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00
Clear Coat- KPC3342	8.39	5.000	0.125	0.30%	0.30%	0.30%	0.00%	0.07	0.07	0.07	0.00	0.21
								0.15	**0.07**	**0.14**	**0.14**	**0.49**

Methodology
PTE of HAP (tons/year) = [Density (lbs/gal)] * [Maximum Material Usage (gal/unit)] * [Maximum Capacity (units/hour)] * [Weight % HAP] * [8760 hours/year]* [1 ton/2000 lbs]
PTE of Total HAPs (tons/year) = SUM (PTE of Each Single HAP (tons/year))
Hazardous air pollutant (HAP) is defined by Section 112(b) of the Clean Air Act.

Appendix A: Emissions Calculations
VOC and Particulate
From Surface Coating Operations (BB-2)

Company Name: Hollingshead Mixer Company, LLC
Source Address: 200 Dekko Drive, Avilla, IN 46710
Permit Number: T113-47646-00128
Reviewer: Taylor Wade

Material	Density (lbs/gal)	Weight % Volatile (water, VOC, and exempt compounds*)	Weight % water and exempt compounds*	Weight % VOC	Volume % water and exempt compounds*	Volume % Solids	Maximum Material Usage (gal/unit)	Maximum Capacity (units/hour)	Maximum Material Usage (gal/day)	Pounds VOC per gallon of coating less water and exempt compounds	Pounds VOC per gallon of coating	PTE of VOC (lbs/hour)	PTE of VOC (lbs/day)	PTE of VOC (tons/year)	Uncontrolled PTE of PM/PM10/PM2.5 (tons/year)	Pounds VOC per gallon of coating solids	Transfer Efficiency
Primer- EEA0132	11.91	29.40%	0.06%	29.34%	0.00%	51.20%	6.000	0.125	18.000	3.49	3.49	2.62	62.90	11.48	13.81	6.82	50%
White Coat- KPW0500	10.26	32.40%	0.00%	32.40%	0.00%	53.60%	5.000	0.125	15.000	3.32	3.32	2.08	49.86	9.10	9.49	6.20	50%
Blue Coat- KPL0505	8.77	38.30%	0.01%	38.29%	0.00%	53.10%	1.000	0.125	3.000	3.36	3.36	0.42	10.07	1.84	1.48	6.32	50%
Clear Coat- KPC3342	8.39	41.70%	0.00%	41.70%	0.00%	52.40%	5.000	0.125	15.000	3.50	3.50	2.19	52.48	9.58	6.70	6.68	50%
								Totals	**51.00**			**7.30**	**175.32**	**32.00**	**31.48**		

Control Efficiency =	**95.0%**
Total Controlled Potential to Emit (PTE) (tons/year) =	**1.57**

Methodology

*Exempt compounds include all compounds specifically exempted from the definition of volatile organic compounds (VOC) under 40 CFR 51.100(s).
Weight % VOC = [Weight % Volatile (water, VOC, and exempt Compounds*)] - [Weight % water and exempt Compounds]
Maximum Material Usage (gal/day) = [Maximum Material Usage (gal/unit)] * [Maximum Capacity (units/hour)] * [24 hours/day]
Pounds of VOC per gallon coating less water and exempt Compounds = [Density (lbs/gal)] * [Weight % VOC] / [1 - (Volume % water and exempt Compounds)]
Pounds of VOC per gallon coating = [Density (lbs/gal)] * [Weight % VOC]
PTE of VOC (lbs/hour) = [Maximum Material Usage (gal/unit)] * [Maximum Capacity (units/hour)] * [Pounds of VOC per gallon coating]
PTE of VOC (lbs/day) = [PTE of VOC (lbs/hour)] * [24 hours/day]
PTE of VOC (tons/year) = [PTE of VOC (lbs/hour)] * [8760 hours/year]* [1 ton/2000 lbs]
Uncontrolled PTE of PM/PM10/PM2.5 (tons/year) = [Density (lbs/gal)] * [Maximum Material Usage (gal/unit)] * [Maximum Capacity (units/hour)] * [1 - Weight % Volatile)] * [1 - Transfer Efficiency)] * [8760 hour/year] * [1 ton/2000 lbs]
Pounds VOC per gallon of coating solids = [Density (lbs/gal)] * [Weight % VOCs] / [Volume % Solids]
Controlled PTE of PM/PM10/PM2.5 (tons/year) = [Uncontrolled PTE of PM/PM10/PM2.5 (tons/year)] * [1 - Control Efficiency]

Appendix A: Emissions Calculations
Hazardous Air Pollutants (HAPs)
From Surface Coating Operations (BB-2)

Company Name: Hollingshead Mixer Company, LLC
Source Address: 200 Dekko Drive, Avilla, IN 46710
Permit Number: T113-47646-00128
Reviewer: Taylor Wade

Material	Density (lbs/gal)	Material Usage (gal/unit)	Maximum Capacity (units/hour)	Weight % Cumene	Weight % Naphthalene	Weight % Ethylbenzene	Weight % MIBK	PTE of Cumene (tons/year)	PTE of Naphthalene (tons/year)	PTE of Ethylbenzene (tons/year)	PTE of MIBK (tons/year)	PTE of Total HAPs (tons/year)
Primer- EEA0132	11.91	6.000	0.125	0.21%	0.00%	0.17%	0.35%	0.08	0.00	0.07	0.14	0.29
White Coat- KPW0500	10.26	5.000	0.125	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00
Red Coat- KPR0790	8.70	2.000	0.125	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00
Clear Coat- KPC3342	8.39	5.000	0.125	0.30%	0.30%	0.30%	0.00%	0.07	0.07	0.07	0.00	0.21
								0.15	**0.07**	**0.14**	**0.14**	**0.49**

Methodology
PTE of HAP (tons/year) = [Density (lbs/gal)] * [Maximum Material Usage (gal/unit)] * [Maximum Capacity (units/hour)] * [Weight % HAP] * [8760 hours/year]* [1 ton/2000 lbs]
PTE of Total HAPs (tons/year) = SUM (PTE of Each Single HAP (tons/year))
Hazardous air pollutant (HAP) is defined by Section 112(b) of the Clean Air Act.

Appendix A: Emissions Calculations
VOC and Particulate
From Surface Coating Operations (BB-3)

Company Name: Hollingshead Mixer Company, LLC
Source Address: 200 Dekko Drive, Avilla, IN 46710
Permit Number: T113-47646-00128
Reviewer: Taylor Wade

Material	Density (lbs/gal)	Weight % Volatile (water, VOC, and exempt compounds*)	Weight % water and exempt compounds*	Weight % VOC	Volume % water and exempt compounds*	Volume % Solids	Maximum Material Usage (gal/unit)	Maximum Capacity (units/hour)	Maximum Material Usage (gal/day)	Pounds VOC per gallon of coating less water and exempt compounds	Pounds VOC per gallon of coating	PTE of VOC (lbs/hour)	PTE of VOC (lbs/day)	PTE of VOC (tons/year)	Uncontrolled PTE of PM/PM10/PM2.5 (tons/year)	Pounds VOC per gallon of coating solids	Transfer Efficiency
Primer- EEA0132	11.91	29.40%	0.06%	29.34%	0.00%	51.20%	6.000	0.125	18.000	3.49	3.49	2.62	62.90	11.48	13.81	6.82	50%
White Coat- KPW0500	10.26	32.40%	0.00%	32.40%	0.00%	53.60%	5.000	0.125	15.000	3.32	3.32	2.08	49.86	9.10	9.49	6.20	50%
Blue Coat- KPL0505	8.77	38.30%	0.01%	38.29%	0.00%	53.10%	1.000	0.125	3.000	3.36	3.36	0.42	10.07	1.84	1.48	6.32	50%
Clear Coat- KPC3342	8.39	41.70%	0.00%	41.70%	0.00%	52.40%	5.000	0.125	15.000	3.50	3.50	2.19	52.48	9.58	6.70	6.68	50%
								Totals	**51.00**			**7.30**	**175.32**	**32.00**	**31.48**		

Control Efficiency =	**95.0%**
Total Controlled Potential to Emit (PTE) (tons/year) =	**1.57**

Methodology

*Exempt compounds include all compounds specifically exempted from the definition of volatile organic compounds (VOC) under 40 CFR 51.100(s).
Weight % VOC = [Weight % Volatile (water, VOC, and exempt Compounds*)] - [Weight % water and exempt Compounds]
Maximum Material Usage (gal/day) = [Maximum Material Usage (gal/unit)] * [Maximum Capacity (units/hour)] * [24 hours/day]
Pounds of VOC per gallon coating less water and exempt Compounds = [Density (lbs/gal)] * [Weight % VOC] / [1 - (Volume % water and exempt Compounds)]
Pounds of VOC per gallon coating = [Density (lbs/gal)] * [Weight % VOC]
PTE of VOC (lbs/hour) = [Maximum Material Usage (gal/unit)] * [Maximum Capacity (units/hour)] * [Pounds of VOC per gallon coating]
PTE of VOC (lbs/day) = [PTE of VOC (lbs/hour)] * [24 hours/day]
PTE of VOC (tons/year) = [PTE of VOC (lbs/hour)] * [8760 hours/year]* [1 ton/2000 lbs]
Uncontrolled PTE of PM/PM10/PM2.5 (tons/year) = [Density (lbs/gal)] * [Maximum Material Usage (gal/unit)] * [Maximum Capacity (units/hour)] * [1 - Weight % Volatile)] * [1 - Transfer Efficiency)] * [8760 hour/year] * [1 ton/2000 lbs]
Pounds VOC per gallon of coating solids = [Density (lbs/gal)] * [Weight % VOCs] / [Volume % Solids]
Controlled PTE of PM/PM10/PM2.5 (tons/year) = [Uncontrolled PTE of PM/PM10/PM2.5 (tons/year)] * [1 - Control Efficiency]

Appendix A: Emissions Calculations
Hazardous Air Pollutants (HAPs)
From Surface Coating Operations (BB-3)

Company Name: Hollingshead Mixer Company, LLC
Source Address: 200 Dekko Drive, Avilla, IN 46710
Permit Number: T113-47646-00128
Reviewer: Taylor Wade

Material	Density (lbs/gal)	Material Usage (gal/unit)	Maximum Capacity (units/hour)	Weight % Cumene	Weight % Naphthalene	Weight % Ethylbenzene	Weight % MIBK	PTE of Cumene (tons/year)	PTE of Naphthalene (tons/year)	PTE of Ethylbenzene (tons/year)	PTE of MIBK (tons/year)	PTE of Total HAPs (tons/year)
Primer- EEA0132	11.91	6.000	0.125	0.21%	0.00%	0.17%	0.35%	0.08	0.00	0.07	0.14	0.29
White Coat- KPW0500	10.26	5.000	0.125	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00
Red Coat- KPR0790	8.70	2.000	0.125	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00
Clear Coat- KPC3342	8.39	5.000	0.125	0.30%	0.30%	0.30%	0.00%	0.07	0.07	0.07	0.00	0.21
								0.15	**0.07**	**0.14**	**0.14**	**0.49**

Methodology
PTE of HAP (tons/year) = [Density (lbs/gal)] * [Maximum Material Usage (gal/unit)] * [Maximum Capacity (units/hour)] * [Weight % HAP] * [8760 hours/year]* [1 ton/2000 lbs]
PTE of Total HAPs (tons/year) = SUM (PTE of Each Single HAP (tons/year))
Hazardous air pollutant (HAP) is defined by Section 112(b) of the Clean Air Act.

Appendix A: Emissions Calculations
Welding and Thermal Cutting

Company Name: Hollingshead Mixer Company, LLC
Source Address: 200 Dekko Drive, Avilla, IN 46710
Permit Number: T113-47646-00128
Reviewer: Taylor Wade

Process	Number of Stations	Maximum electrode consumption per station (lbs/hr)	Maximum electrode consumption per station (lbs/day)		Emission Factors* (lb pollutant/lb electrode)				Potential to Emit (lbs/hr)				HAPs (lbs/hr)
Welding					PM/PM10/PM2.5	Mn	Ni	Cr	PM/PM10/PM2.5	Mn	Ni	Cr	
Submerged Arc	1	9	216		0.036	0.011			0.324	0.099	0	0	0.099
Metal Inert Gas (MIG)(carbon steel)	43	2.1	50.4		0.0055	0.0005			0.497	4.5E-02	0	0	4.5E-02
Tungsten Inert Gas (TIG)(carbon steel)	1	1	24		0.0055	0.0005			0.006	5.0E-04	0	0	5.0E-04
	Number of Stations	Maximum Metal Thickness Cut (inches)	Maximum Metal Cutting Rate (inches/minute)	Maximum Metal Cutting Rate (inches/hour)	Emission Factors (lb pollutant/1,000 inches cut, 1 inch thick)**				Potential to Emit (lbs/hr)				HAPs (lbs/hr)
Flame Cutting					PM/PM10/PM2.5	Mn	Ni	Cr	PM/PM10/PM2.5	Mn	Ni	Cr	
Plasma**	2	0.25	20	1200	0.0039				0.002	0.00	0.00	0.00	0.000
Hi-Def Plasma	1	2	155	9300	0.0039				0.073	0.00	0.00	0.00	0.000
Totals													
Potential to Emit (lbs/hr)									0.90	1.4E-01	0.0E+00	0.0E+00	1.4E-01
Potential to Emit (lbs/day)									21.62	3.472	0.0E+00	0.000	3.472
Potential to Emit (tons/year)									3.95	6.3E-01	0.0E+00	0.0E+00	6.3E-01

Methodology:
*Emission Factors are default values for carbon steel unless a specific electrode type is noted in the Process column.
**Emission Factor for plasma cutting from American Welding Society (AWS). Trials reported for wet cutting of 8 mm thick mild steel with 3.5 m/min cutting speed (at 0.2 g/min emitted).
Therefore, the emission factor for plasma cutting is for 8 mm thick rather than 1 inch, and the maximum metal thickness is not used in calculting the emissions.
Using AWS average values: (0.25 g/min)/(3.6 m/min) x (0.0022 lb/g)/(39.37 in./m) x (1,000 in.) = 0.0039 lb/1,000 in. cut, 8 mm thick
Plasma cutting: Potential to Emit (lbs/hr) = (Number of stations) x (Maximum Metal Cutting Rate, inches/minute) x (60 minutes/hr) x (Emission Factor, lb pollutant/1,000 inches cut, 8 mm thick)
Cutting: Potential to Emit (lbs/hr) = (Number of stations) x (Maximum Metal Thickness, inches) x (Maximum Metal Cutting Rate, inches/minute) x (60 minutes/hour) x (Emission Factor, lb pollutant/1,000 inches cut, 1" thick)
Welding: Potential to Emit (lbs/hr) = (Number of stations) x (Maximum electode consumption per station, lbs/hr) x (Emission Factor, lb pollutant/lb of electrode used)
Potential to Emit (lbs/day) = Potential to Emit (lbs/hr) x (24 hours/day)
Potential to Emit (tons/year) = Potential to Emit (lbs/hr) x (8,760 hours/year) x (1 ton/2,000 lbs)

TSD Appendix A: Emission Calculations
Particulate Emissions From Laser Ablation System

Company Name: Hollingshead Mixer Company, LLC
Source Address: 200 Dekko Drive, Avilla, IN 46710
Permit No.: T113-47646-00128
Reviewer: Taylor Wade

					Before Control and Process Limits		After Control		Limited PTE*	
Emission Unit (ID#)	Control Device	Air Flow Rate (acfm)	Outlet Grain Loading* (gr/cf)	Control Efficiency* (%)	PTE of PM/PM10/2.5 (lbs/hour)	PTE of PM/PM10/2.5 (tons/year)	PTE of PM/PM10/PM2.5 (lbs/hour)	PTE of PM/PM10/2.5 After Control (tons/year)	PTE of PM/PM10/2.5 (lbs/hour)	PTE of PM/PM10/2.5 (tons/year)
Robotic Laser Cleaning System	Dry Filtration System	1412	1.40E-03	99.9%	1.69E+01	7.42E+01	1.69E-02	7.42E-02	4.24	18.55
					TOTAL:	**74.21**		**7.42E-02**	**TOTAL:**	**18.55**

Note: Limted PTE calculated assuming 75% efficiency of filter system.

Methodology
PTE of PM/PM10/PM2.5 Controlled (lbs/hour) = Air Flow Rate (cfm) x Outlet Grain Loading (gr/cf) x 60 (min/hour) x 1/7000 (lb/gr)
PTE of PM/PM10/PM2.5 Controlled (tons/year) = Air Flow Rate (cfm) x Outlet Grain Loading (gr/cf) x 60 (min/hour) x 1/7000 (lb/gr) x 8760 (hour/year) x 1 ton/2000 lbs
PTE of PM/PM10/PM2.5 Uncontrolled (lbs/hour) = PTE of PM/PM10/PM2.5 Controlled (lbs/hour) x 1/(1-Control Eff. (%))
PTE of PM/PM10/PM21.5 Uncontrolled (tons/year) = PTE of PM/PM10/PM2.5 Controlled (tons/year) x 1/(1-Control Eff. (%))
* Outlet Grain Loading is conservatively estimated to be 0.004 gr/scf and control efficiency of 99.9% based on manufacturer's specifications for this control device.

Appendix A: Emissions Calculations
Natural Gas Combustion (≤ 100 MMBtu/hr)
Cure and Drying Ovens

Company Name: Hollingshead Mixer Company, LLC
Source Address: 200 Dekko Drive, Avilla, IN 46710
Permit Number: T113-47646-00128
Reviewer: Taylor Wade

Emission Unit	Number of Units	Max Heat Input per Unit (MMBtu/hr)
Chassis Cure Ovens (CO-1, CO-2)	2	2.44
Barrel Cure Ovens (BO-1 through BO-3)	3	3.27
Drying Oven (DO-1)	1	4
	Total	18.69

Heat Input Capacity MMBtu/hr	HHV mmBtu/mmscf	Potential Throughput MMCF/yr
18.69	1020	160.5

	Pollutant						
	PM*	PM10*	direct PM2.5*	SO2	NOx	VOC	CO
Emission Factor in lb/MMCF	1.9	7.6	7.6	0.6	100 **see below	5.5	84
Potential Emission in tons/yr	0.15	0.61	0.61	0.05	8.03	0.44	6.74

*PM emission factor is filterable PM only. PM10 emission factor is filterable and condensable PM10 combined.
PM2.5 emission factor is filterable and condensable PM2.5 combined.
**Emission Factors for NOx: Uncontrolled = 100, Low NOx Burner = 50, Low NOx Burners/Flue gas recirculation = 32

Methodology
All emission factors are based on normal firing.
MMBtu = 1,000,000 Btu; MMCF = 1,000,000 Cubic Feet of Gas
Emission Factors are from AP 42, Chapter 1.4, Tables 1.4-1, 1.4-2, 1.4-3, SCC #1-02-006-02, 1-01-006-02, 1-03-006-02, and 1-03-006-03
Potential Throughput (MMCF) = Heat Input Capacity (MMBtu/hr) x 8,760 hrs/yr x 1 MMCF/1,020 MMBtu
Potential Emission (tons/yr) = Potential Throughput (MMCF/yr) x Emission Factor (lb/MMCF)/2,000 lb/ton

Hazardous Air Pollutants (HAPs)

	HAPs - Organics				
	Benzene	Dichlorobenzene	Formaldehyde	Hexane	Toluene
Emission Factor in lb/MMcf	2.1E-03	1.2E-03	7.5E-02	1.8E+00	3.4E-03
Potential Emission in tons/yr	1.7E-04	9.6E-05	6.0E-03	1.4E-01	2.7E-04

	HAPs - Metals				
	Lead	Cadmium	Chromium	Manganese	Nickel
Emission Factor in lb/MMcf	5.0E-04	1.1E-03	1.4E-03	3.8E-04	2.1E-03
Potential Emission in tons/yr	4.0E-05	8.8E-05	1.1E-04	3.0E-05	1.7E-04

Potential Emission of Combined HAPs (tons/yr)	**1.5E-01**	
Potential Emission of Highest Single HAP (tons/yr)	**1.4E-01**	**Hexane**

Methodology
Methodology is the same as above.
The five highest organic and metal HAPs emission factors are provided above.
Additional HAPs emission factors are available in AP-42, Chapter 1.4.

Appendix A: Emission Calculations
Fugitive Dust Emissions - Paved Roads

Company Name: Hollingshead Mixer Company, LLC
Source Address: 200 Dekko Drive, Avilla, IN 46710
Permit Number: T113-47646-00128
Reviewer: Taylor Wade

Paved Roads at Industrial Site
The following calculations determine the amount of emissions created by paved roads, based on 8,760 hours of use and AP-42, Ch 13.2.1 (1/2011).

Vehicle Informtation (provided by source)

Type	Maximum number of vehicles per day	Number of one-way trips per day per vehicle	Maximum trips per day (trip/day)	Maximum Weight of Loaded Vehicle (tons/trip)	Total Weight driven per day (ton/day)	Maximum one-way distance (feet/trip)	Maximum one-way distance (mi/trip)	Maximum one-way miles (miles/day)	Maximum one-way miles (miles/yr)
Mixer (entering plant) (one-way trip)	12.0	2.0	24.0	35.0	840.0	700	0.133	3.2	1161.4
Mixer (leaving plant) (one-way trip)	12.0	2.0	24.0	35.0	840.0	700	0.133	3.2	1161.4
Tractor Trailer (entering plant) (one-way trip)	35.0	1.0	35.0	30.0	1050.0	140	0.027	0.9	338.7
Tractor Trailer (leaving plant) (one-way trip)	35.0	1.0	35.0	30.0	1050.0	140	0.027	0.9	338.7
		Totals	**118.0**		**3780.0**			**8.2**	**3000.2**

Average Vehicle Weight Per Trip = 32.0 tons/trip
Average Miles Per Trip = 0.07 miles/trip

Unmitigated Emission Factor, Ef = [k * (sL)^0.91 * (W)^1.02] (Equation 1 from AP-42 13.2.1)

	PM	PM10	PM2.5	
where k =	0.011	0.0022	0.00054	lb/VMT = particle size multiplier (AP-42 Table 13.2.1-1)
W =	32.0	32.0	32.0	tons = average vehicle weight
sL =	9.7	9.7	9.7	g/m^2 = silt loading value for paved roads at iron and steel production facilities - Table 13.2.1-3)

Taking natural mitigation due to precipitation into consideration, Mitigated Emission Factor, Eext = E * [1 - (p/4N)] (Equation 2 from AP-42 13.2.1)
Mitigated Emission Factor, Eext = Ef * [1 - (p/4N)]
where p = 125 days of rain greater than or equal to 0.01 inches (see Fig. 13.2.1-2)
N = 365 days per year

	PM	PM10	PM2.5	
Unmitigated Emission Factor, Ef =	2.986	0.597	0.1466	lb/mile
Mitigated Emission Factor, Eext =	2.730	0.546	0.1340	lb/mile
Dust Control Efficiency =				(pursuant to control measures outlined in fugitive dust control plan)

Process	Mitigated PTE of PM (Before Control) (tons/yr)	Mitigated PTE of PM10 (Before Control) (tons/yr)	Mitigated PTE of PM2.5 (Before Control) (tons/yr)
Mixer (entering plant) (one-way trip)	1.59	0.32	0.08
Mixer (leaving plant) (one-way trip)	1.59	0.32	0.08
Tractor Trailer (entering plant) (one-way trip)	0.46	0.09	0.02
Tractor Trailer (leaving plant) (one-way trip)	0.46	0.09	0.02
Totals	**4.10**	**0.82**	**0.20**

Methodology

Total Weight driven per day (ton/day)	= [Maximum Weight of Loaded Vehicle (tons/trip)] * [Maximum trips per day (trip/day)]
Maximum one-way distance (mi/trip)	= [Maximum one-way distance (feet/trip) / [5280 ft/mile]
Maximum one-way miles (miles/day)	= [Maximum trips per year (trip/day)] * [Maximum one-way distance (mi/trip)]
Average Vehicle Weight Per Trip (ton/trip)	= SUM[Total Weight driven per day (ton/day)] / SUM[Maximum trips per day (trip/day)]
Average Miles Per Trip (miles/trip)	= SUM[Maximum one-way miles (miles/day)] / SUM[Maximum trips per year (trip/day)]
Unmitigated PTE (tons/yr)	= [Maximum one-way miles (miles/yr)] * [Unmitigated Emission Factor (lb/mile)] * (ton/2000 lbs)
Mitigated PTE (Before Control) (tons/yr)	= [Maximum one-way miles (miles/yr)] * [Mitigated Emission Factor (lb/mile)] * (ton/2000 lbs)
Mitigated PTE (After Control) (tons/yr)	= [Mitigated PTE (Before Control) (tons/yr)] * [1 - Dust Control Efficiency]

Abbreviations
PM = Particulate Matter
PM10 = Particulate Matter (<10 um)
PM2.5 = Particle Matter (<2.5 um)
PTE = Potential to Emit

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
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Eric J. Holcomb
Governor

Brian C. Rockensuess
Commissioner

June 24, 2024

Steve Howard
Hollingshead Mixer Company LLC
PO Box 499
Avilla, IN 46710

Re: Public Notice
Hollingshead Mixer Company, LLC
Permit Level: FESOP New Source Construction (Minor PSD/EO)
Permit Number: 113-47646-00128

Dear Steve Howard:

Enclosed is the Notice of 30-Day Period for Public Comment for your draft air permit.

Our records indicate that you are the contact person for this application. However, if you are not the appropriate person within your company to receive this document, please forward it to the correct person. The Notice of 30-Day Period for Public Comment has also been sent to the OAQ Permits Branch Interested Parties List and, if applicable, your Consultant/Agent and/or Responsible Official/Authorized Individual.

The preliminary findings, including the draft permit, technical support document, emission calculations, and other supporting documents, **are available electronically at**:

IDEM's online searchable database: http://www.in.gov/apps/idem/caats/ . Choose Search Option **by Permit Number**, then enter permit 47646

and

IDEM's Virtual File Cabinet (VFC): https://www.IN.gov/idem. Enter VFC in the search box, then search for permit documents using a variety of criteria, such as Program area, date range, permit #, Agency Interest Number, or Source ID.

The Public Notice period will begin the date the Notice is published on the IDEM Official Public Notice website. Publication has been requested and is expected within 2-3 business days. You may check the exact Public Notice begins and ends date here: https://www.in.gov/idem/public-notices/

Please note that as of April 17, 2019, IDEM is no longer required to publish the notice in a newspaper.

OAQ has submitted the draft permit package to the Noble County Public Library NCPL East Library, 104 Ley St. in Avilla, IN 46710. As a reminder, you are obligated by 326 IAC 2-1.1-6(c) to place a copy of the complete permit application at this library no later than ten (10) days after submittal of the application or additional information to our department. We highly recommend that even if you have already placed these materials at the library, that you confirm with the library that these materials are available for review and request that the library keep the materials available for review during the entire permitting process.

Please review the draft permit documents carefully. This is your opportunity to comment on the draft permit and notify the OAQ of any corrections that are needed before the final decision. Questions or comments about the enclosed documents should be directed to Taylor Wade, Indiana Department of Environmental Management, Office of Air Quality, 100 N. Senate Avenue, Indianapolis, Indiana, 46204 or call (800) 451-6027, and ask for extension 0868 or dial (317) 233-0868.

Sincerely,

Lisa Gaines

Lisa Gaines
Permits Branch
Office of Air Quality

Enclosures
PN Applicant Cover Letter access via website 8/10/2020

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June 24, 2024

To: Noble County Public Library NCPL East Library

From: Jenny Acker, Branch Chief
Permits Branch
Office of Air Quality

Subject: **Important Information to Display Regarding a Public Notice for an Air Permit**

Applicant Name: Hollingshead Mixer Company, LLC
Permit Number: 113-47646-00128

Enclosed is a copy of important information to make available to the public. This proposed project is regarding a source that may have the potential to significantly impact air quality. Librarians are encouraged to educate the public to make them aware of the availability of this information. The following information is enclosed for public reference at your library:

- Notice of a 30-day Period for Public Comment
- Draft Permit and Technical Support Document

You will not be responsible for collecting any comments from the citizens. Please refer all questions and request for the copies of any pertinent information to the person named below.

Members of your community could be very concerned in how these projects might affect them and their families. **Please make this information readily available until you receive a copy of the final package.**

If you have any questions concerning this public review process, please contact Joanne Smiddie-Brush, OAQ Permits Administration Section at 1-800-451-6027, extension 3-0185. Questions pertaining to the permit itself should be directed to the contact listed on the notice.

Enclosures
PN Library updated 4/2019

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Brian C. Rockensuess
Commissioner

Notice of Public Comment

June 24, 2024
Hollingshead Mixer Company, LLC
113-47646-00128

To: Interested Parties:

You are receiving this notice because you asked to be on IDEM's notification list for this company and/or county; or because your property is nearby the company being permitted; or because you represent a local/regional government entity. The Indiana Department of Environmental Management, Office of Air Quality, invites your comments on the draft air permit.

Enclosed is a Notice of Public Comment, which has posted on IDEM's Public Notice website at https://www.in.gov/idem/public-notices/.

The application and supporting documentation for this proposed permit have been placed at the library indicated in the Notice. These documents more fully describe the project, the applicable air pollution control requirements and how the applicant will comply with these requirements.

If you would like to comment on this draft permit, please contact the person named in the enclosed Public Notice. Thank you for your interest in the Indiana's Air Permitting Program.

Please Note: *If you would like to be removed from the Air Permits mailing list, please contact Joanne Smiddie-Brush with the Air Permits Administration Section at 1-800-451-6027, ext. 3-0185 or via e-mail at JBRUSH@IDEM.IN.GOV. If you have recently moved and this Notice has been forwarded to you, please notify us of your new address and if you wish to remain on the mailing list. Mail that is returned to IDEM by the Post Office with a forwarding address in a different county will be removed from our list unless otherwise requested.*

Enclosure
PN Interested Parties Cover Letter 10/13/2023

Mail Code 61-53

IDEM Staff	LGAINES 6/24/2024 Hollingshead Mixer Company LLC 113-47646-00128 (draft)		AFFIX STAMP HERE IF USED AS CERTIFICATE OF MAILING
Name and address of Sender	▶	Indiana Department of Environmental Management Office of Air Quality – Permits Branch 100 N. Senate Indianapolis, IN 46204	Type of Mail: **CERTIFICATE OF MAILING ONLY**

Line	Article Number	Name, Address, Street and Post Office Address	Postage	Handing Charges	Act. Value (If Registered)	Insured Value	Due Send if COD	R.R. Fee	S.D. Fee	S.H. Fee	Rest. Del. Fee Remarks
1		Steve Howard Hollingshead Mixer Company LLC PO Box 499 Avilla IN 46710 (Source CAATS)									
2		Noble County Board of Commissioners 109 N York St Albion IN 46701 *(Local Official)*									
3		Noble County Health Department 2090 N SR 9, Ste C Albion IN 46701-9566 *(Health Department)*									
4		Noble County Public Library - East Branch 104 Ley St Avilla IN 46710 *(Library)*									
5		Frederick & Iva Moore 6019 W 650 N Ligonier IN 46767 *(Affected Party)*									
6		Ligonier City Council and Mayors Office 301 S Cavin St #2 Ligonier IN 46767 *(Local Official)*									
7		Avilla Town Council and Town Manager PO Box 49 Avilla IN 46710 *(Local Official)*									
8		Lisa Green The Journal Gazette 600 W Main St Fort Wayne IN 46802 *(Affected Party)*									
9		Mr. Roger Schneider The Goshen News 114 S Main St Goshen IN 46526 *(Affected Party)*									
10		Mr. Jay Boocher Indiana Dept. of Transportation 5333 Hatfield Rd Fort Wayne IN 46808 *(Affected Party)*									
11		Bradley and Kimberly Recht Or Current Resident PO Box 468 Avilla IN 46710 *(Affected Party)*									
12		SABL Land LLC 300 Cromwell Rd Rochester NY 14610 *(Affected Party)*									
13		Mishelle New Or Current Resident 10135 Vandergriff Rd Indianapolis IN 46239 (Affected Party)									
14		Fred and Brenda Stephens Or Current Resident 413 Lions Dr Rome City IN 46784 *(Affected Party)*									
15		Dean Jessic Or Current Resident 707 E Albion St Avilla IN 46710 *(Affected Party)*									

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

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Mail Code 61-53

IDEM Staff	LGAINES 6/24/2024 Hollingshead Mixer Company LLC 113-47646-00128 (draft) pg 2		AFFIX STAMP HERE IF USED AS CERTIFICATE OF MAILING
Name and address of Sender	▶	Indiana Department of Environmental Management Office of Air Quality – Permits Branch 100 N. Senate Indianapolis, IN 46204	Type of Mail: **CERTIFICATE OF MAILING ONLY**

Line	Article Number	Name, Address, Street and Post Office Address	Postage	Handing Charges	Act. Value (If Registered)	Insured Value	Due Send if COD	R.R. Fee	S.D. Fee	S.H. Fee	Rest. Del. Fee Remarks
1		Kirk and Kristy Or Current Resident 701 E Albion St Avilla IN 46710 (Affected Party)									
2		DCH Land Holdings LLC 434 Miner Rd Avilla IN 46710 *(Affected Party)*									
3		Group Dekko Inc 7310 Innovation Blvd Ste 104 Fort Wayne IN 46710 *(Affected Party)*									
4		County Commissioner President 1690 CR 5 Corunna IN 46730 *(Affected Party)*									
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Total number of pieces Listed by Sender	Total number of Pieces Received at Post Office	Postmaster, Per (Name of Receiving employee)	The full declaration of value is required on all domestic and international registered mail. The maximum indemnity payable for the reconstruction of nonnegotiable documents under Express Mail document reconstructing insurance is $50,000 per piece subject to a limit of $50, 000 per occurrence. The maximum indemnity payable on Express mil merchandise insurance is $500. The maximum indemnity payable is $25,000 for registered mail, sent with optional postal insurance. See ***Domestic Mail Manual*** **R900, S913**, and **S921** for limitations of coverage on inured and COD mail. See ***International Mail Manual*** for limitations o coverage on international mail. Special handling charges apply only to Standard Mail (A) and Standard Mail (B) parcels.

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