

177-48023-00041 MAI 11760



AIR PERMIT APPLICATION COVER SHEET
 State Form 50639 (R4 / 1-10)
 INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

IDEM - Office of Air Quality - Permits Branch
 100 N. Senate Avenue, MC 61-53 Room 1003
 Indianapolis, IN 46204-2251
 Telephone: (317) 233-0178 or
 Toll Free: 1-800-451-6027 x30178 (within Indiana)
 Facsimile Number: (317) 232-6749
 www.IN.gov/idem

- NOTES:**
- The purpose of this cover sheet is to obtain the core information needed to process the air permit application. This cover sheet is required for all air permit applications submitted to IDEM, OAQ. Place this cover sheet on top of all subsequent forms and attachments that encompass your air permit application packet.
 - Submit the completed air permit application packet, including all forms and attachments, to **IDEM Air Permits Administration** using the address in the upper right hand corner of this page.
 - IDEM will send a bill to collect the filing fee and any other applicable fees.
 - Detailed instructions for this form are available on the Air Permit Application Forms website.

FOR OFFICE USE ONLY	
PERMIT NUMBER:	
DATE APPLICATION WAS RECEIVED:	Received State of Indiana JUL 02 2024 HC
Dept of Environmental Mgmt Office of Air Quality	

1. Tax ID Number: [REDACTED]

PART A: Purpose of Application		
Part A identifies the purpose of this air permit application. For the purposes of this form, the term "source" refers to the plant site as a whole and NOT to individual emissions units.		
2. Source / Company Name:	Hills Pet Nutrition	3. Plant ID: 117 - 00041
4. Billing Address:	2325 Union Pike	
City:	Richmond	State: IN ZIP Code: 47374 -
5. Permit Level:	<input type="checkbox"/> Exemption <input type="checkbox"/> Registration <input type="checkbox"/> SSOA <input type="checkbox"/> MSOP <input type="checkbox"/> FESOP <input checked="" type="checkbox"/> TVOP <input type="checkbox"/> PBR	
6. Application Summary:	Check all that apply. Multiple permit numbers may be assigned as needed based on the choices selected below.	
<input type="checkbox"/> Initial Permit <input type="checkbox"/> Renewal of Operating Permit <input type="checkbox"/> Asphalt General Permit <input type="checkbox"/> Review Request <input type="checkbox"/> Revocation of Operating Permit <input type="checkbox"/> Alternate Emission Factor Request <input type="checkbox"/> Interim Approval <input type="checkbox"/> Relocation of Portable Source <input type="checkbox"/> Acid Deposition (Phase II) <input type="checkbox"/> Site Closure <input type="checkbox"/> Emission Reduction Credit Registry		
<input checked="" type="checkbox"/> Transition (between permit levels) From: SSOA/PBR To: TVOP		
<input type="checkbox"/> Administrative Amendment: <input type="checkbox"/> Company Name Change <input type="checkbox"/> Change of Responsible Official <input type="checkbox"/> Correction to Non-Technical Information <input type="checkbox"/> Notice Only Change <input type="checkbox"/> Other (specify):		
<input type="checkbox"/> Modification: <input type="checkbox"/> New Emission Unit or Control Device <input type="checkbox"/> Modified Emission Unit or Control Device <input type="checkbox"/> New Applicable Permit Requirement <input type="checkbox"/> Change to Applicability of a Permit Requirement <input type="checkbox"/> Prevention of Significant Deterioration <input type="checkbox"/> Emission Offset <input type="checkbox"/> MACT Preconstruction Review <input type="checkbox"/> Minor Source Modification <input type="checkbox"/> Significant Source Modification <input type="checkbox"/> Minor Permit Modification <input type="checkbox"/> Significant Permit Modification <input type="checkbox"/> Other (specify):		
7. Is this an application for an initial construction and/or operating permit for a "Greenfield" Source?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
8. Is this an application for construction of a new emissions unit at an Existing Source?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

PART B: Pre-Application Meeting

Part B specifies whether a meeting was held or is being requested to discuss the permit application.

9. Was a meeting held between the company and IDEM prior to submitting this application to discuss the details of the project?

No Yes: Date: 12/19/2023

10. Would you like to schedule a meeting with IDEM management and your permit writer to discuss the details of this project?

No Yes: Proposed Date for Meeting: 10/1/2024

PART C: Confidential Business Information

Part C identifies permit applications that require special care to ensure that confidential business information is kept separate from the public file.

Claims of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in the Indiana Administrative Code (IAC). To ensure that your information remains confidential, refer to the IDEM, OAQ information regarding submittal of confidential business information. For more information on confidentiality for certain types of business information, please review IDEM's Nonrute Policy Document Air-031-NPD regarding Emission Data.

11. Is any of the information contained within this application being claimed as **Confidential Business Information**?

No Yes

PART D: Certification Of Truth, Accuracy, and Completeness

Part D is the official certification that the information contained within the air permit application packet is truthful, accurate, and complete. Any air permit application packet that we receive without a signed certification will be deemed incomplete and may result in denial of the permit.

For a Part 70 Operating Permit (TVOP) or a Source Specific Operating Agreement (SSOA), a "responsible official" as defined in 326 IAC 2-7-1(34) must certify the air permit application. For all other applicants, this person is an "authorized individual" as defined in 326 IAC 2-1.1-1(1).

I certify under penalty of law that, based on information and belief formed after reasonable inquiry, the statements and information contained in this application are true, accurate, and complete.

Mark Hodge
Name (typed)

Director of Manufacturing
Title

Signature



Date

June 27, 2024



OAQ AIR PERMIT APPLICATION – FORMS CHECKLIST

State Form 51607 (R5 / 1-10)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

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- NOTES:**
- The purpose of this checklist is to help the applicant and IDEM, OAQ ensure that the air permit application packet is administratively complete. This checklist is a required form.
 - Check the appropriate box indicating whether each application form is applicable for the current permit application. The source must submit only those forms pertinent to the current permit application.
 - Place this checklist between the cover sheet and all subsequent forms and attachments that encompass your air permit application packet.

Part A: General Source Data

Applicable?	Form ID	Title of Form	State Form Number	When should this form be included in my application packet?
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	COVER	Application Cover Sheet	50639	Include for every application, modification, and renewal, including source specific operating agreements (SSOA).
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	CHECKLIST	Forms Checklist	51607	Include for every application, modification, and renewal, including SSOA.
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	GSD-01	Basic Source Level Information	50640	Include for every application, modification, and renewal, including SSOA.
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	GSD-02	Plant Layout Diagram	51605	Include for every new source application, and modification.
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	GSD-03	Process Flow Diagram	51599	Include one for every process covered by the application.
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	GSD-04	Stack / Vent Information	51606	Include for every new source application, and modification.
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	GSD-05	Emissions Unit Information	51610	Include for every process covered by the application.
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	GSD-06	Particulate Emissions Summary	51612	Include if the process has particulate emissions (PM).
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	GSD-07	Criteria Pollutant Emissions Summary	51602	Include if the process has criteria pollutant emissions.
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	GSD-08	HAP Emissions Summary	51604	Include if the process has hazardous air pollutant emissions (HAP).
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	GSD-09	Summary of Additional Information	51611	Include if the additional information is included.
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	GSD-10	Insignificant Activities	51596	Include if there are unpermitted insignificant activities.
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	GSD-11	Alternative Operating Scenario	51601	Include if an AOS is requested.
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	GSD-12	Affidavit of Nonapplicability	51600	Include if the standard notification requirements do not apply.
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	GSD-13	Affidavit of Applicability	51603	Include if the standard notification requirements apply.
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	GSD-14	Owners and Occupants Notified	51609	Include if the standard notification requirements apply.
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	GSD-15	Government Officials Notified	51608	Include if the standard notification requirements apply.
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	RENEWAL	Renewal Checklist	51755	Include with every operating permit renewal packet.

Part B: Process Information

Applicable?	Form ID	Title of Form	State Form Number	When should this form be included in my application packet?
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	AEF-01	Alternate Emission Factor Request	51860	Submit if you are requesting to use an emission factor other than AP-42.
<input type="checkbox"/> Y <input type="checkbox"/> N	PI-01	Miscellaneous Processes	52534	Include one form for each process for which there is not a specific PI form.
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	PI-02A	Combustion Unit Summary	52535	Include one form to summarize all combustion units (<i>unless SSOA</i>).
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	PI-02B	<i>Combustion: Boilers, Process Heaters, & Furnaces</i>	52536	Include one form for each boiler, process heater, or furnace (<i>unless SSOA</i>).
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	PI-02C	<i>Combustion: Turbines & Internal Combustion Engines</i>	52537	Include one form for each turbine or internal combustion engine (<i>unless SSOA</i>).
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	PI-02D	<i>Combustion: Incinerators & Combustors</i>	52538	Include one form for each incinerator or combustor (<i>unless SSOA</i>).
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	PI-02E	<i>Combustion: Kilns</i>	52539	Include one form for each kiln (<i>unless SSOA</i>).
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	PI-02F	<i>Combustion: Fuel Use</i>	52540	Include one form for each combustion unit (<i>unless SSOA</i>).
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	PI-02G	<i>Combustion: Emission Factors</i>	52541	Include one form for each combustion unit (<i>unless SSOA</i>).
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	PI-02H	<i>Combustion: Federal Rule Applicability</i>	52542	Include one form for each combustion unit (<i>unless SSOA</i>).
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	PI-03	Storage and Handling of Bulk Material	52543	Include if the process involves the storage and handling of bulk materials.
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	PI-04	Asphalt Plants	52544	Include for each asphalt plant process (<i>unless general permit</i>).
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	PI-05	Brick / Clay Products	52545	Include for each brick and/or clay products process.
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	PI-06	Electroplating Operations	52546	Include for each electroplating process.
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	PI-07	Welding Operations	52547	Include for each welding process.
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	PI-08	Concrete Batchers	52548	Include for each concrete batcher (<i>unless SSOA</i>).
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	PI-09	Degreasing	52549	Include for each degreasing process (<i>unless SSOA</i>).
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	PI-10	Dry Cleaners	52550	Include for each dry cleaning process
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	PI-11	Foundry Operations	52551	Include for each foundry process
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	PI-12	Grain Elevators	52552	Include for each grain elevator (<i>unless SSOA</i>).
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	PI-13	Lime Manufacturing	52553	Include for each lime manufacturing process.
<input type="checkbox"/> Y <input type="checkbox"/> N	PI-14	Liquid Organic Compound Storage	52554 (doc)	Include if the process involves the storage of liquid organic compounds.
<input type="checkbox"/> Y <input type="checkbox"/> N	PI-14ALT	Alternate version of Liquid Organic Compound Storage	52555 (xls)	Include if the process involves the storage of liquid organic compounds and there are several storage vessels.
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	PI-15	Portland Cement Manufacturing	52556	Include for each Portland cement manufacturing process.
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	PI-16	Reinforced Plastics & Composites	52557	Include for each reinforced plastics and composites process.

Continued on Next Page

Part B: Process Information

Applicable?	Form ID	Title of Form	State Form Number	When should this form be included in my application packet?
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	PI-17	Blasting Operations	52558	Include for each blasting process (<i>unless SSOA</i>).
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	PI-18	Mineral Processing	52559	Include if the process involves mineral processing (<i>unless SSOA</i>).
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	PI-19	Surface Coating & Printing Operations	52560	Include for each surface coating or printing process (<i>unless SSOA</i>).
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	PI-20	Woodworking / Plastic Machining	52561	Include for each woodworking or plastic machining process (<i>unless SSOA</i>).
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	PI-21	Site Remediation	52570	Include for each soil remediation process.
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	PI-22	Ethanol Plants (<i>Under Development</i>)	None	Include for each ethanol plant.

Part C: Control Equipment

Applicable?	Form ID	Title of Form	State Form Number	When should this form be included in my application packet?
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	CE-01	Control Equipment Summary	51904	Include if add-on control equipment will be used for the process.
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	CE-02	Particulates – Baghouse / Fabric Filter	51953	Include for each baghouse or fabric filter.
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	CE-03	Particulates – Cyclone	52620	Include for each cyclone.
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	CE-04	Particulates – Electrostatic Precipitator	52621	Include for each electrostatic precipitator.
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	CE-05	Particulates – Wet Collector / Scrubber / Absorber	52622	Include for each wet collector, scrubber, or absorber.
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	CE-06	Organics – Flare / Oxidizer / Incinerator	52623	Include for each flare, oxidizer, or incinerator.
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	CE-07	Organics – Adsorbers	52624	Include for each adsorber.
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	CE-08	Organics – Condenser	52625	Include for each condenser.
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	CE-09	Reduction Technology	52626	Include for each control device using reduction technology (e.g., SCR, SNCR).
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	CE-10	Miscellaneous Control Equipment	52436	Include one form for equipment for which there is not a specific CE form.

Part D: Compliance Determination for Part 70 Sources

Applicable?	Form ID	Title of Form	State Form Number	When should this form be included in my application packet?
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	CD-01	Emissions Unit Compliance Status	51861	Include for every Title V application, including modifications.
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	CD-02	Compliance Plan by Applicable Requirement	51862	Include for every Title V application, including modifications.
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	CD-03	Compliance Plan by Emissions Unit	51863	Include for every Title V application, including modifications.
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	CD-04	Compliance Schedule and Certification	51864	Include for every Title V application, including modifications and renewal.
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	FED-03	Compliance Assurance Monitoring	53377	Include for every Title V application, including modifications.

Part E: Best Available Control Technology

Applicable?	Form ID	Title of Form	State Form Number	When should this form be included in my application packet?
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	BACT-01	Analysis of Best Available Control Technology	None	Include for every BACT application.
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	BACT-01a	Background Search: Existing BACT Determinations	None	Include for every BACT application.
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	BACT-01b	Cost/Economic Impact Analysis	None	Include for every BACT application.
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	BACT-02	Summary of Best Available Control Technology	None	Include for every BACT application.
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	PSD / EO-01	PSD / Emission Offset Checklist	None	Include for every PSD application and every NSR application that requires emission offsets.

Part F: Emission Credit Registry

Applicable?	Form ID	Title of Form	State Form Number	When should this form be included in my application packet?
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	EC-01	Generation of Emission Credits	51783	Include if the modification results in emission reductions.
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	EC-02	Transfer of Emission Credits	51784	Submit whenever registered emission credits are transferred.
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	EC-03	Use of Emission Credits	51785	Include if the modification requires the use of emission credits for offsets.
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	EC-04	Emission Credit Request	51906	Submit if you are looking for emission credits for offsets.

Part G: Plantwide Applicability Limits

Applicable?	Form ID	Title of Form	State Form Number	When should this form be included in my application packet?
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	PAL-01	Actuals Plantwide Applicability Limit	52451	Include if the modification results in emission reductions.
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	PAL-02	Revised Plantwide Applicability Limit	52452	Submit whenever registered emission credits are transferred.
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	PAL-03	Plantwide Applicability Limit Renewal	52453	Include if the modification requires the use of emission credits for offsets.
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	PAL-04	Request for Termination of Plantwide Applicability Limit	52454	Submit if you are looking for emission credits for offsets.

Part H: Air Toxics

Applicable?	Form ID	Title of Form	State Form Number	When should this form be included in my application packet?
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	FED-01	Summary of Federal Requirements -- NSPS & NESHAP	53512	Include for each 40 CFR Part 60 NSPS, 40 CFR Part 61 NESHAP, and 40 CFR Part 63 NESHAP applicable to the process.
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	FED-02	MACT Pre-Construction Review	51905	Include if constructing or modifying a process subject to a Part 63 NESHAP.
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	No Form ID	MACT Initial Notification	None	This form is available on the U.S. EPA website. Completed notifications should be submitted to the IDEM Compliance Branch.

Part I: Special Permits

Applicable?	Form ID	Title of Form	State Form Number	When should this form be included in my application packet?
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	INTERIM	Interim Approval	None	Submit if you are applying for interim operating approval.
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	ASPHALT	Asphalt General Permit	None	Submit if you are applying for or modifying an asphalt plant general permit.
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	NOXBTP	NO _x Budget Permit	None	Submit if you are a power plant or if you have opted in to the NO _x budget trading program.
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	ACIDRAIN	Phase 2 Acid Rain Permit	None	Submit if you are applying for, modifying, or renewing a Phase 2 Acid Rain permit.

Part J: Source Specific Operating Agreements (SSOA)

Applicable?	Form ID	Title of Form	State Form Number	When should this form be included in my application packet?
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	OA-01	Summary of Application and Existing Agreements	53438	Submit if you are applying for or modifying a Source Specific Operating Agreement.
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	OA-02	Industrial / Commercial Surface Coating Operations -OR- Graphic Arts Operations (326 IAC 2-9-2.5)	53439	Submit if you are applying for or modifying a SSOA for industrial or commercial surface coating operations not subject to 326 IAC 8-2; or graphic arts operations not subject to 326 IAC 8-5-5.
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	OA-03	Surface Coating or Graphic Arts Operations (326 IAC 2-9-3)	53440	Submit if you are applying for or modifying a SSOA for surface coating or graphic arts operations.
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	OA-04	Woodworking Operations (326 IAC 2-9-4)	53441	Submit if you are applying for or modifying a SSOA for woodworking operations.
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	OA-05	Abrasive Cleaning Operations (326 IAC 2-9-5)	53442	Submit if you are applying for or modifying a SSOA for abrasive cleaning operations.
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	OA-06	Grain Elevators (326 IAC 2-9-6)	53443	Submit if you are applying for or modifying a SSOA for grain elevators.
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	OA-07	Sand And Gravel Plants (326 IAC 2-9-7)	53444	Submit if you are applying for or modifying a SSOA for sand and gravel plants.
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	OA-08	Crushed Stone Processing Plants (326 IAC 2-9-8)	53445	Submit if you are applying for or modifying a SSOA for crushed stone processing plants.
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	OA-09	Ready-Mix Concrete Batch Plants (326 IAC 2-9-9)	53446	Submit if you are applying for or modifying a SSOA for ready-mix concrete batch plants.
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	OA-10	Coal Mines And Coal Preparation Plants (326 IAC 2-9-10)	53447	Submit if you are applying for or modifying a SSOA for coal mines and coal preparation plants.
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	OA-11	Automobile Refinishing Operations (326 IAC 2-9-11)	53448	Submit if you are applying for or modifying a SSOA for automobile refinishing operations.
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	OA-12	Degreasing Operations (326 IAC 2-9-12)	53449	Submit if you are applying for or modifying a SSOA for degreasing operations.
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	OA-13	External Combustion Sources (326 IAC 2-9-13)	53450	Submit if you are applying for or modifying a SSOA for external combustion sources.
<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	OA-14	Internal Combustion Sources (326 IAC 2-9-14)	53451	Submit if you are applying for or modifying a SSOA for internal combustion sources.



OAQ GENERAL SOURCE DATA APPLICATION
GSD-01: Basic Source Level Information
 State Form 50640 (R5 / 1-10)
 INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

IDEM – Office of Air Quality – Permits Branch
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- NOTES:**
- The purpose of GSD-01 is to provide essential information about the entire source of air pollutant emissions. GSD-01 is a required form.
 - Detailed instructions for this form are available on the Air Permit Application Forms website.
 - All information submitted to IDEM will be made available to the public unless it is submitted under a claim of confidentiality. Claims of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in 326 IAC 17.1-4-1. Failure to follow these requirements exactly will result in your information becoming a public record, available for public inspection.

PART A: Source / Company Location Information			
1. Source / Company Name: Hills Pet Nutrition		2. Plant ID: 177 – 00041	
3. Location Address: 2325 Union Pike			
City: Richmond	State: IN	ZIP Code: 47374 – 9701	
4. County Name: Wayne		5. Township Name: Wayne	
6. Geographic Coordinates:			
Latitude: 39.860092720787144		Longitude: -84.90416611993476	
7. Universal Transverse Mercator Coordinates (if known):			
Zone: 16N	Horizontal: 679270	Vertical: 4414331	
8. Adjacent States: Is the source located within 50 miles of an adjacent state?			
<input type="checkbox"/> No <input type="checkbox"/> Yes – Indicate Adjacent State(s): <input type="checkbox"/> Illinois (IL) <input type="checkbox"/> Michigan (MI) <input checked="" type="checkbox"/> Ohio (OH) <input checked="" type="checkbox"/> Kentucky (KY)			
9. Attainment Area Designation: Is the source located within a non-attainment area for any of the criteria air pollutants?			
<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes – Indicate Nonattainment Pollutant(s): <input type="checkbox"/> CO <input type="checkbox"/> Pb <input type="checkbox"/> NO _x <input type="checkbox"/> O ₃ <input type="checkbox"/> PM <input type="checkbox"/> PM ₁₀ <input type="checkbox"/> PM _{2.5} <input type="checkbox"/> SO ₂			
10. Portable / Stationary: Is this a portable or stationary source?			
		<input type="checkbox"/> Portable	<input checked="" type="checkbox"/> Stationary

PART B: Source Summary	
11. Company Internet Address (optional):	
12. Company Name History: Has this source operated under any other name(s)?	
<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes – Provide information regarding past company names in Part I, Company Name History.	
13. Portable Source Location History: Will the location of the portable source be changing in the near future?	
<input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> No <input type="checkbox"/> Yes – Complete Part J, Portable Source Location History, and Part K, Request to Change Location of Portable Source.	
14. Existing Approvals: Have any exemptions, registrations, or permits been issued to this source?	
<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes – List these permits and their corresponding emissions units in Part M, Existing Approvals.	
15. Unpermitted Emissions Units: Does this source have any unpermitted emissions units?	
<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes – List all unpermitted emissions units in Part N, Unpermitted Emissions Units.	
16. New Source Review: Is this source proposing to construct or modify any emissions units?	
<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes – List all proposed new construction in Part O, New or Modified Emissions Units.	
17. Risk Management Plan: Has this source submitted a Risk Management Plan?	
<input checked="" type="checkbox"/> Not Required <input type="checkbox"/> No <input type="checkbox"/> Yes → Date submitted:	
EPA Facility Identifier: – –	

PART C: Source Contact Information

IDEM will send the original, signed permit decision to the person identified in this section. This person MUST be an employee of the permitted source.

18. Name of Source Contact Person: Scott Blazak

19. Title (optional): EHS Manager

20. Mailing Address: 2325 Union Pike

City: Richmond

State: IN

ZIP Code: 47374 – 9701

21. Electronic Mail Address (optional): scott_blazak@hillspet.com

22. Telephone Number: (765) 935 – 7071

23. Facsimile Number (optional): () –

PART D: Authorized Individual/Responsible Official Information

IDEM will send a copy of the permit decision to the person indicated in this section, if the Authorized Individual or Responsible Official is different from the Source Contact specified in Part C.

24. Name of Authorized Individual or Responsible Official: Mark Hodge

25. Title: Manufacturing Director

26. Mailing Address: 2325 Union Pike

City: Richmond

State: IN

ZIP Code: 47374 – 9701

27. Telephone Number: (864) 545 – 0781

28. Facsimile Number (optional): () –

29. Request to Change the Authorized Individual or Responsible Official: Is the source officially requesting to change the person designated as the Authorized Individual or Responsible Official in the official documents issued by IDEM, OAQ? The permit may list the title of the Authorized Individual or Responsible Official in lieu of a specific name.

No Yes – **Change Responsible Official to:**

PART E: Owner Information

30. Company Name of Owner: Colgate-Palmolive

31. Name of Owner Contact Person: Mark Hodge

32. Mailing Address: 2325 Union Pike

City: Richmond

State: IN

ZIP Code: 47374 – 9701

33. Telephone Number: (864) 554 – 0781

34. Facsimile Number (optional): () –

34. Operator: Does the "Owner" company also operate the source to which this application applies?

No – Proceed to Part F below. Yes – Enter "SAME AS OWNER" on line 35 and proceed to Part G below.

PART F: Operator Information

35. Company Name of Operator: Hills Pet Nutrition

36. Name of Operator Contact Person: Scott Blazak

37. Mailing Address: 2325 Union Pike

City: Richmond

State: IN

ZIP Code: 47374 – 9701

38. Telephone Number: (765) 973 – 2384

39. Facsimile Number (optional): () –

PART G: Agent Information

40. Company Name of Agent: Fisher Arnold, Inc.

41. Type of Agent: Environmental Consultant Attorney Other (specify):

42. Name of Agent Contact Person: Brian Perdomo

43. Mailing Address: 256 Seaboard Lane, Ste A101

City: Franklin	State: TN	ZIP Code: 37067 -
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44. Electronic Mail Address (optional): bperdomo@fisherarnold.com

45. Telephone Number: (615) 353 - 1340 **46. Facsimile Number (optional):** () -

47. Request for Follow-up: Does the "Agent" wish to receive a copy of the preliminary findings during the public notice period (if applicable) and a copy of the final determination? No Yes

PART H: Local Library Information

48. Date application packet was filed with the local library: 01/20/2024

49. Name of Library: Morrisson-Reeves Library

50. Name of Librarian (optional):

51. Mailing Address: 80 North 6th Street

City: Richmond	State: IN	ZIP Code: 47374 -
-----------------------	------------------	--------------------------

52. Internet Address (optional): www.mrlinfo.org

53. Electronic Mail Address (optional): library@mrlinfo.org

54. Telephone Number: (765) 966 - 8291 **55. Facsimile Number (optional):** (765) 962 - 1318

PART I: Company Name History (if applicable)

Complete this section only if the source has previously operated under a legal name that is different from the name listed above in Section A.

56. Legal Name of Company	57. Dates of Use
	to
	to
	to
	to
	to
	to
	to
	to
	to
	to

58. Company Name Change Request: Is the source officially requesting to change the legal name that will be printed on all official documents issued by IDEM, OAQ?

No Yes - **Change Company Name to:**

PART J: Portable Source Location History (if applicable)

Complete this section only if the source is portable and the location has changed since the previous permit was issued. The current location of the source should be listed in Section A.

59. Plant ID	60. Location of the Portable Source	61. Dates at this Location
-		to
-		to
-		to
-		to
-		to
-		to
-		to
-		to
-		to
-		to
-		to
-		to
-		to
-		to
-		to
-		to
-		to
-		to
-		to
-		to
-		to
-		to
-		to
-		to
-		to

PART K: Request to Change Location of Portable Source (if applicable)

Complete this section to request a change of location for a portable source.

62. Current Location:

Address:

City:

State:

ZIP Code: -

County Name:

63. New Location:

Address:

City:

State:

ZIP Code: -

County Name:

PART L: Source Process Description			
Complete this section to summarize the main processes at the source.			
64. Process Description	65. Products	66. SIC Code	67. NAICS Code
Dog and Cat Food Manufacturing	Dog and Cat Food	2047	311111

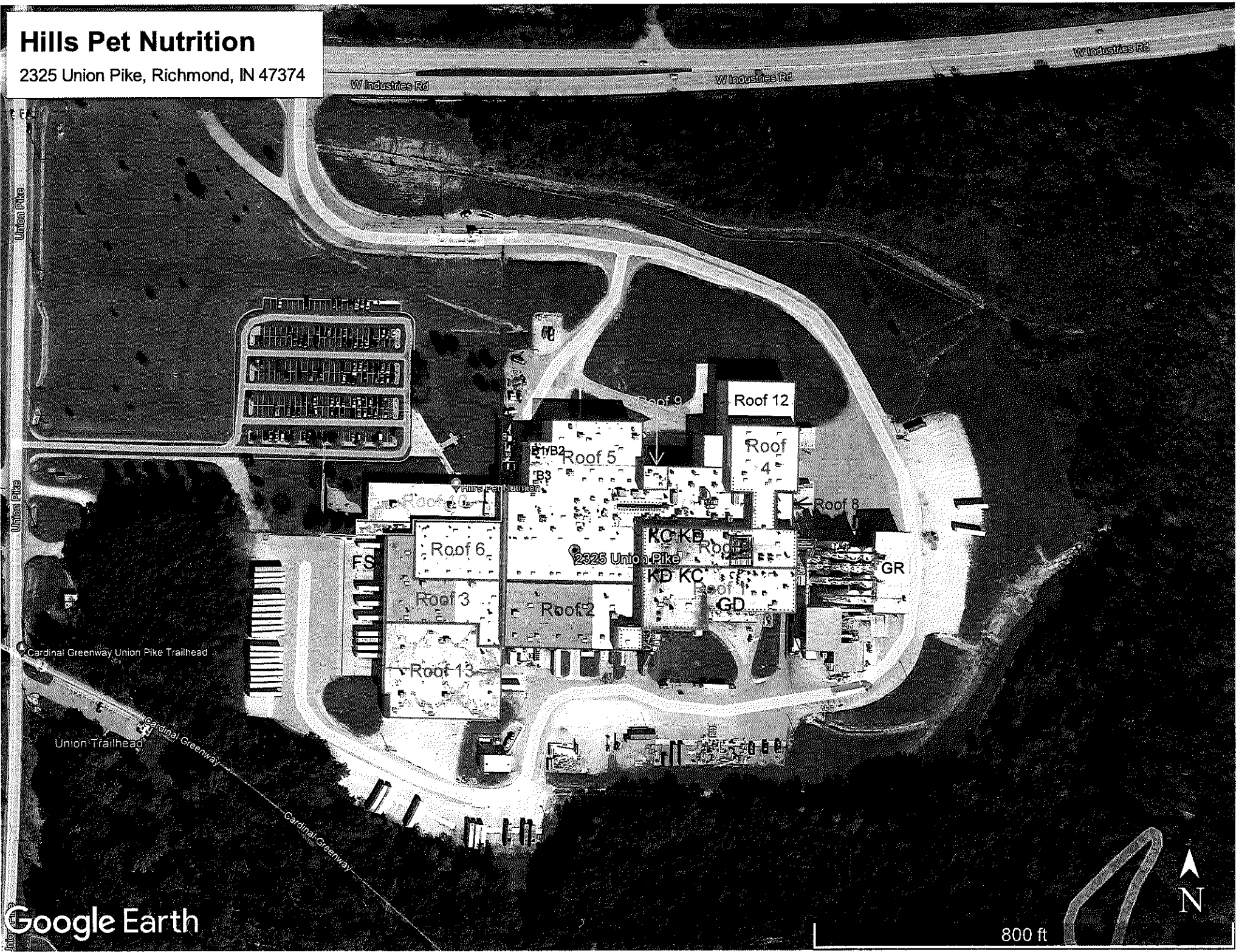
PART M: Existing Approvals (if applicable)		
Complete this section to summarize the approvals issued to the source since issuance of the main operating permit.		
68. Permit ID	69. Emissions Unit IDs	70. Expiration Date

PART N: Unpermitted Emissions Units (if applicable)				
Complete this section only if the source has emission units that are not listed in any permit issued by IDEM, OAQ.				
71. Emissions Unit ID	72. Type of Emissions Unit	73. Actual Dates		
		Began Construction	Completed Construction	Began Operation

PART O: New or Modified Emissions Units (if applicable)						
Complete this section only if the source is proposing to add new emission units or modify existing emission units.						
74. Emissions Unit ID	75. NEW	76. MOD	77. Type of Emissions Unit	78. Estimated Dates		
				Begin Construction	Complete Construction	Begin Operation

Hills Pet Nutrition

2325 Union Pike, Richmond, IN 47374



Union Pike

Union Pike

Cardinal Greenway Union Pike Trailhead

Union Trailhead

Cardinal Greenway

Cardinal Greenway

W Industries Rd

W Industries Rd

W Industries Rd

Roof 9

Roof 12

Roof 5

Roof 4

Roof 1

Roof 8

Roof 6

Roof 2

Roof 3

Roof 13

FS

KC KB

KD KC

GD

GR

2325 Union Pike

Google Earth

800 ft





OAQ GENERAL SOURCE DATA APPLICATION
GSD-04: Stack / Vent Information
 State Form 51606 (R3 / 1-10)
 INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

IDEM – Office of Air Quality – Permits Branch
 100 N. Senate Avenue, MC 61-53 Room 1003
 Indianapolis, IN 46204-2251
 Telephone: (317) 233-0178 or
 Toll Free: 1-800-451-6027 x30178 (within Indiana)
 Facsimile Number: (317) 232-6749
www.IN.gov/idem

NOTES:

- The purpose of this form is to provide basic information about each stack or vent that has the potential to emit air pollutants. If you do not provide enough information to adequately describe each process vent and/or stack, the application process may be stopped. This form is required for all air permit applications.
- Detailed instructions for this form are available online on the Air Permit Application Forms website.
- All information submitted to IDEM will be made available to the public unless it is submitted under a claim of confidentiality. Claims of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in 326 IAC 17.1-4-1. Failure to follow these requirements exactly will result in your information becoming a public record, available for public inspection.

Stack / Vent Information

This table provides detailed information about each stack or vent through which air pollutants could be released into the atmosphere. If an air stream is vented inside a building, the vent does not need to be listed on this form. If additional space is needed, you may make a copy of this form.

1. Stack / Vent ID	2. Type (V H W O)	3. Shape (C R O)	4. Outlet Dimensions (feet)	5. Height (feet)	6. Maximum Outlet Flow Rate (acfm)	7. Outlet Gas Temperature (Degrees F)	8. Related Stacks / Vents (B P O)
V-L4-PS	V	C	0.33	72.50			
V-L3-PS	V	C	0.33	72.50			
V-L3, L4-S	V	C	0.67	71.50			
V-L1, L2-S	V	C	0.67	71.50			
V-L3-C	V	C	3.00	67.75			
V-L3-D	V	C	3.50	68.75			
V-L3-MAC	V	C	2.00	67.50			
V-L4-MAC	V	C	2.00	67.50			
Gas Exhaust Vent	V	C	0.33				
V-L1-PS	V	C	0.33	72.50			
V-L2-PS	V	C	0.33	72.50			
V-L1-MAC	V	C	1.00	76.50			
V-L2-MAC	V	C	1.00	76.50			
V-L1-C	V	C	4.32	68.67			
V-L1-D	V	C	4.32	68.67			



OAQ GENERAL SOURCE DATA APPLICATION

GSD-04: Stack / Vent Information

State Form 51606 (R3 / 1-10)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

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NOTES:

- The purpose of this form is to provide basic information about each stack or vent that has the potential to emit air pollutants. If you do not provide enough information to adequately describe each process vent and/or stack, the application process may be stopped. This form is required for all air permit applications.
- Detailed instructions for this form are available online on the Air Permit Application Forms website.
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Stack / Vent Information

This table provides detailed information about each stack or vent through which air pollutants could be released into the atmosphere. If an air stream is vented inside a building, the vent does not need to be listed on this form. If additional space is needed, you may make a copy of this form.

1. Stack / Vent ID	2. Type (V H W O)	3. Shape (C R O)	4. Outlet Dimensions (feet)	5. Height (feet)	6. Maximum Outlet Flow Rate (acfm)	7. Outlet Gas Temperature (Degrees F)	8. Related Stacks / Vents (B P O)
V-L2-C	V	C	4.03	68.67			
V-L2-D	V	C	4.03	67.92			
V-B1,B2	V	C	2.12	49.00			
V-B3	V	C	2.12	49.00			
V-EMICE-FP	V	C	0.42	8.00			
V-EMICE-FT	V	C	0.33	18.00			



OAQ GENERAL SOURCE DATA APPLICATION
GSD-05: Emissions Unit Information
 State Form 51610 (R3 / 1-10)
 INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

IDEM – Office of Air Quality – Permits Branch
 100 N. Senate Avenue, MC 61-53 Room 1003
 Indianapolis, IN 46204-2251
 Telephone: (317) 233-0178 or
 Toll Free: 1-800-451-6027 x30178 (within Indiana)
 Facsimile Number: (317) 232-6749
www.IN.gov/idem

NOTES:

- The purpose of this form is to provide basic information about each emissions unit that has the potential to emit air pollutants. This form is required for all air permit applications.
- Detailed instructions for this form are available online on the Air Permit Application Forms website.
- All information submitted to IDEM will be made available to the public unless it is submitted under a claim of confidentiality. Claims of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in 326 IAC 17.1-4-1. Failure to follow these requirements exactly will result in your information becoming a public record, available for public inspection.

Emissions Unit Information

This table provides detailed information about each emissions unit that has the potential to emit air pollutants to the atmosphere. Accurate information is needed to determine the total potential to emit. If you do not provide enough information to adequately describe each emissions unit, the application process may be stopped. If additional space is needed, you may make a copy of this form.

1. Unit ID	2. Model Number	3. Serial Number	4. Description	5. Manufacturer	6. Installation Date	7. Maximum Capacity	8. Stack / Vent ID
GR			Grain Receiving			225000.00 tons/yr	Various
FS			Feed Shipping			225000.00 tons/yr	Various
HM			Hammermill			225000.00 tons/yr	Internal Venting
KC			Kibble Cooler			225000.00 tons/yr	V-L3-C, V-L1-C, V-L2-C
GC			Grain Cleaning (Screening)			225000.00 tons/yr	Various
SB			Storing Bin Venting			900000.00 tons/yr	Various
GD			Grain Drying			225000.00 tons/yr	V-L3-D, V-L1-D, V-L2-D
B1			Boiler 1			30.48 MMBtu/hr	V-B1,B2
B2			Boiler 2			30.48 MMBtu/hr	V-B1,B2
B3			Boiler 3			3.13 MMBtu/hr	V-B3
PD1			Product Dryer 1			11.40 MMBtu/hr	V-L1-D

PD2			Product Dryer 2			11.40 MMBtu /hr	V-L2-D
PD3			Product Dryer 3			14.00 MMBtu /hr	V-L3-D
PD4			Product Dryer 4			14.00 MMBtu /hr	V-L3-D
Various			See HVAC Unit Emissions Summary			52.11 MMBtu /hr	total from all HVAC Units



OAQ GENERAL SOURCE DATA APPLICATION
GSD-06: Particulate Emissions Summary
 State Form 51612 (R3 / 1-10)
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

IDEM – Office of Air Quality – Permits Branch
 100 N. Senate Avenue, MC 61-53 Room 1003
 Indianapolis, IN 46204-2251
 Telephone: (317) 233-0178 or
 Toll Free: 1-800-451-6027 x30178 (within Indiana)
 Facsimile Number: (317) 232-6749
www.IN.gov/idem

- NOTES:**
- The purpose of this form is to provide basic information about each source of particulate emissions. This form is required for all air permit applications.
 - Detailed instructions for this form are available on the Air Permit Application Forms website.
 - All information submitted to IDEM will be made available to the public unless it is submitted under a claim of confidentiality. Claims of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in 326 IAC 17.1-4-1. Failure to follow these requirements exactly will result in your information becoming a public record, available for public inspection.

Part A: Particulate Matter Emissions

Part A provides a summary of the type and amount of particulate emissions at the source. The state rules on particulate emissions are found in Title 326 of the Indiana Administrative Code, Article 6, Particulate Rules. If you do not provide enough information to adequately describe each source of particulate emissions, the application process may be stopped. If additional space is needed, you may make a copy of this table.

Emissions Point		Potential To Emit (tons per year)						
1. ID	2. Description	3. PM	4. PM-10	5. PM-2.5	6. TSP	7. Fugitive Dust	8. Fugitive PM	9. HAP PM
GR	Grain Receiving	1.91	0.28	0.28	1.91	0.00	0.00	0.00
FS	Feed Shipping	0.37	0.09	0.09	0.37	0.00	0.00	0.00
HM	Hammermill	86.34	43.17	43.17	86.34	0.00	0.00	0.00
KC	Kibble Cooler	185.63	92.81	92.81	185.63	0.00	0.00	0.00
GC	Grain Cleaning (Screening)	42.19	10.69	1.80	42.19	0.00	0.00	0.00
SB	Storage Bin Venting	11.25	2.84	0.50	11.25	0.00	0.00	0.00
GD	Grain Drying	337.50	84.38	14.63	337.50	0.00	0.00	0.00
Variou s	HVAC Units - See Attachments for HVAC Unit Emissions Summary	1.70	1.70	1.70	1.70	0.00	0.00	0.00

Part B: Control of Particulate Emissions

Part C gathers information about how each source of particulate emissions is controlled. If you do not provide enough information to adequately describe how each source of particulate emissions is controlled, the application process may be stopped. If additional space is needed, you may make a copy of this table.

10. Emissions Point ID	11. Control Measure	12. Control Measure Description	13. Control Plan
GR	<input type="checkbox"/> No Control <input type="checkbox"/> Dust Suppression <input checked="" type="checkbox"/> Other: <u>Dust Collector</u>	Filter Cartridge Dust Collector	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date Submitted: _____
FS	<input type="checkbox"/> No Control <input type="checkbox"/> Dust Suppression <input checked="" type="checkbox"/> Other: <u>Baghouses</u>	Baghouses for bagging/loadout operation	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date Submitted: _____
HM	<input type="checkbox"/> No Control <input type="checkbox"/> Dust Suppression <input checked="" type="checkbox"/> Other: <u>Baghouses</u>	Baghouses for hammermills	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date Submitted: _____
KC	<input type="checkbox"/> No Control <input type="checkbox"/> Dust Suppression <input checked="" type="checkbox"/> Other: <u>Cyclone</u>	Medium Efficiency Cyclones	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date Submitted: _____
GC	<input type="checkbox"/> No Control <input type="checkbox"/> Dust Suppression <input checked="" type="checkbox"/> Other: <u>Dust Collector</u>	Filter Cartridge Dust Collector	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date Submitted: _____
SB	<input type="checkbox"/> No Control <input type="checkbox"/> Dust Suppression <input checked="" type="checkbox"/> Other: <u>Fabric Filter</u>	Fabric Bin Vent Filters	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date Submitted: _____
GD	<input type="checkbox"/> No Control <input type="checkbox"/> Dust Suppression <input checked="" type="checkbox"/> Other: _____	Filter Cartridge Dust Collector	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date Submitted: _____
	<input type="checkbox"/> No Control <input type="checkbox"/> Dust Suppression <input type="checkbox"/> Other: _____		<input type="checkbox"/> Yes <input type="checkbox"/> No Date Submitted: _____



OAQ GENERAL SOURCE DATA APPLICATION
GSD-07: Criteria Pollutant Emissions Summary
 State Form 51602 (R3 / 1-10)
 INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

IDEM – Office of Air Quality – Permits Branch
 100 N. Senate Avenue, MC 61-53 Room 1003
 Indianapolis, IN 46204-2251
 Telephone: (317) 233-0178 or
 Toll Free: 1-800-451-6027 x30178 (within Indiana)
 Facsimile Number: (317) 232-6749
www.IN.gov/idem

- NOTES:**
- The purpose of this form is to provide the actual and potential emissions of each criteria pollutant emitted from the source. This form is required for all air permit applications.
 - Detailed instructions for this form are available on the Air Permit Application Forms website.
 - All information submitted to IDEM will be made available to the public unless it is submitted under a claim of confidentiality. Claims of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in 326 IAC 17.1-4-1. Failure to follow these requirements exactly will result in your information becoming a public record, available for public inspection.

Part A: Unit Emissions Summary

Part A provides the actual and potential emissions of each criteria pollutant emitted from each emissions unit. If you do not provide enough information to adequately describe the emissions from each emissions unit, the application process may be stopped.

1. Unit ID	2. Stack / Vent ID	3. Criteria Pollutant	4. Actual Emissions		5. Potential To Emit	
			Standard Units	Tons Per Year	Standard Units	Tons Per Year
B1, B2	B1, B2	PM, PM10, PM2.5		0.26		1.99
B1, B2	B1, B2	NOx		3.40		13.10
B1, B2	B1, B2	SO2		0.02		0.16
B1, B2	B1, B2	CO		2.86		22.00
B1, B2	B1, B2	VOC		0.19		1.44
B3	B3	PM, PM10, PM2.5		0.01		0.10
B3	B3	NOx		0.17		0.67
B3	B3	SO2		0.00		0.01
B3	B3	CO		0.15		1.13
B3	B3	VOC		0.01		0.07
D3-DR-101, D3-DR-201	PD1, PD2	PM, PM10, PM2.5		0.10		1.01
D3-DR-101, D3-DR-201	PD1, PD2	NOx		1.27		8.39
D3-DR-101, D3-DR-201	PD1, PD2	SO2		0.01		0.05

D3-DR-101, D3-DR-201	PD1, PD2	CO		1.07		1.71
D3-DR-101, D3-DR-201	PD1, PD2	VOC		0.07		0.45



**OAQ GENERAL SOURCE DATA APPLICATION
GSD-07: Criteria Pollutant Emissions Summary**

State Form 51602 (R3 / 1-10)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

IDEM – Office of Air Quality – Permits Branch
 100 N. Senate Avenue, MC 61-53 Room 1003
 Indianapolis, IN 46204-2251
 Telephone: (317) 233-0178 or
 Toll Free: 1-800-451-6027 x30178 (within Indiana)
 Facsimile Number: (317) 232-6749
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NOTES:

- The purpose of this form is to provide the actual and potential emissions of each criteria pollutant emitted from the source. This form is required for all air permit applications.
- Detailed instructions for this form are available on the Air Permit Application Forms website.
- All information submitted to IDEM will be made available to the public unless it is submitted under a claim of confidentiality. Claims of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in 326 IAC 17.1-4-1. Failure to follow these requirements exactly will result in your information becoming a public record, available for public inspection.

Part A: Unit Emissions Summary

Part A provides the actual and potential emissions of each criteria pollutant emitted from each emissions unit. If you do not provide enough information to adequately describe the emissions from each emissions unit, the application process may be stopped.

1. Unit ID	2. Stack / Vent ID	3. Criteria Pollutant	4. Actual Emissions		5. Potential To Emit	
			Standard Units	Tons Per Year	Standard Units	Tons Per Year
D3-DR-300, D3-DR-400	PD3, PD4	PM, PM10, PM2.5		0.12		1.24
D3-DR-300, D3-DR-400	PD3, PD4	NOx		1.56		10.30
D3-DR-300, D3-DR-400	PD3, PD4	SO2		0.01		0.06
D3-DR-300, D3-DR-400	PD3, PD4	CO		1.31		2.06
D3-DR-300, D3-DR-400	PD3, PD4	VOC		0.09		0.55
Grain Receiving	Multiple	PM		0.02		1.91
Grain Receiving	Multiple	PM10		0.02		0.28
Grain Receiving	Multiple	PM2.5		0.02		0.28
Feed Shipping	Multiple	PM		0.01		0.37

Feed Shipping	Multiple	PM10		0.01		0.09
Feed Shipping	Multiple	PM2.5		0.01		0.09
Hammermi II	Multiple	PM		3.02		86.34
Hammermi II	Multiple	PM10		3.02		43.17
Hammermi II	Multiple	PM2.5		3.02		43.17
		CONTINUED BELOW				



OAQ GENERAL SOURCE DATA APPLICATION
GSD-07: Criteria Pollutant Emissions Summary
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- NOTES:**
- The purpose of this form is to provide the actual and potential emissions of each criteria pollutant emitted from the source. This form is required for all air permit applications.
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Part A: Unit Emissions Summary

Part A provides the actual and potential emissions of each criteria pollutant emitted from each emissions unit. If you do not provide enough information to adequately describe the emissions from each emissions unit, the application process may be stopped.

1. Unit ID	2. Stack / Vent ID	3. Criteria Pollutant	4. Actual Emissions		5. Potential To Emit	
			Standard Units	Tons Per Year	Standard Units	Tons Per Year
Kibble Coolers	Multiple	PM		37.13		185.63
Kibble Coolers	Multiple	PM10		37.13		92.81
Kibble Coolers	Multiple	PM2.5		37.13		92.81
Grain Cleaning (internal vibrating)	Multiple	PM		0.75		42.19
Grain Cleaning (internal vibrating)	Multiple	PM10		0.75		10.69
Grain Cleaning (internal vibrating)	Multiple	PM2.5		0.13		1.80
Storage Bins (vent)	Multiple	PM		0.15		11.25
Storage Bins (vent)	Multiple	PM10		0.15		2.84
Storage Bins (vent)	Multiple	PM2.5		0.03		0.50

Kibble Dryers	Multiple	PM		5.91		337.50
Kibble Dryers	Multiple	PM10		5.91		84.38
Kibble Dryers	Multiple	PM2.5		1.02		14.63
Various	HVAC Units	See Attached Calculations				
		HVAC Units Emissions Included in totals included in Part B				

Part B: Pollutant Emissions Summary

Part B provides the total actual and potential emissions of each criteria pollutant emitted from the source (including all emissions units and fugitive emissions at the source). If you do not provide enough information to adequately describe the total source emissions, the application process may be stopped.

6. Criteria Pollutant	7. Actual Emissions		8. Potential To Emit	
	Standard Units	Tons Per Year	Standard Units	Tons Per Year
Carbon Monoxide (CO)		7.82		60.24
Lead (Pb)		0.00		0.00
Nitrogen Oxides (NO _x)		9.32		71.71
Particulate Matter (PM)		47.68		670.64
Particulate Matter less than 10µm (PM ₁₀)		47.68		239.70
Particulate Matter less than 2.5µm (PM _{2.5})		42.06		158.73
Sulfur Dioxide (SO ₂)		0.06		0.43
Volatile Organic Compounds (VOC)		0.51		3.94
Other (specify):				

Part C: Fugitive VOC Emissions (if applicable)

Part C summarizes the sources of fugitive VOC emissions at the source and estimates VOC emissions from these emission points. Complete this table if you are required to provide fugitive emissions data pursuant to 326 IAC 2-2 or 326 IAC 2-3.

9. Fugitive Emissions Source	10. Emission Factor (lb/hr)	11. Number Leaking	12. Uncontrolled Potential To Emit	
			Pounds Per Hour	Tons Per Year
Compressor Seals				
Flanges				
Open-Ended Lines				
Pressure Relief Seals				
Pump Seals				
Sampling Connections				
Valves				
Other (specify):				



OAQ GENERAL SOURCE DATA APPLICATION
GSD-08: Hazardous Air Pollutant Emissions Summary
 State Form 51604 (R3 / 1-10)
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

IDEM – Office of Air Quality – Permits Branch
 100 N. Senate Avenue, MC 61-53 Room 1003
 Indianapolis, IN 46204-2251
 Telephone: (317) 233-0178 or
 Toll Free: 1-800-451-6027 x30178 (within Indiana)
 Facsimile Number: (317) 232-6749
www.IN.gov/idem

NOTES:

- The purpose of this form is to provide the actual and potential emissions of each hazardous air pollutant emitted from the source. This form is required for all air permit applications.
- Detailed instructions for this form are available on the Air Permit Application Forms website.
- All information submitted to IDEM will be made available to the public unless it is submitted under a claim of confidentiality. Claims of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in 326 IAC 17.1-4-1. Failure to follow these requirements exactly will result in your information becoming a public record, available for public inspection.

Part A: Unit Emissions Summary

Part A provides the actual and potential emissions of each hazardous air pollutant emitted from each emissions unit. If you do not provide enough information to adequately describe the emissions from each emissions unit, the application process may be stopped.

1. Unit ID	2. Stack / Vent ID	3. Hazardous Air Pollutant	4. CAS Number	5. Actual Emissions		6. Potential To Emit	
				Standard Units	Tons Per Year	Standard Units	Tons Per Year
See Attached HAP Emission Summary		All HAPs emitted by facility are from NG combustion					

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HAP Emissions Summary

Pollutant	Emission Factor	Potential Emissions	Actual Emissions
	(lbs/cu ft) by pollutant	(ton/yr) (b * d * e) / 2000	(tons/yr) (c * e) / 2000
Hazardous air pollutants			
Source: EPA AP-42 Chapter 1.4			
Benzene	0.0000000021	0.0015	0.0002
Formaldehyde	0.0000000075	0.0538	0.0070
Hexane	0.00000018	1.2908	0.1677
Naphthalene	0.0000000061	0.0004	0.0001
Toluene	0.0000000034	0.0024	0.0003
Arsenic	0.0000000020	0.0001	0.0000
Beryllium	0.0000000012	0.0000	0.0000
Cadmium	0.0000000011	0.0008	0.0001
Chromium	0.0000000014	0.0010	0.0001
Cobalt	0.00000000084	0.0001	0.0000
Manganese	0.00000000038	0.0003	0.0000
Mercury	0.00000000026	0.0002	0.0000
Nickel	0.0000000021	0.0015	0.0002
Selenium	0.00000000024	0.0000	0.0000
		1.3530	0.1757

Potential		Actual	
From Process	From HVAC	From Process	From HVAC
0.00	0.00	0.00	0.00
0.04	0.02	0.00	0.00
0.89	0.40	0.12	0.05
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00
0.93	0.42	0.12	0.05

Unit ID	B1	B2	B3	PD1	PD2	PD3	PD4	ACU1	ACU2	ACU3	ACU4	ACU5	ACU12	ACU14	GMU-9	GMU-10	GMU-11	GMU-15	GMU-18	GMU-20	GMU-25	GMU-28	GMU-27	GMU-29	GMU-30	GMU-35	GMU-36	GMU-37	GMU-38	GMU-40	GMU-41	GMU-42	GMU-52	Rating (MIBU/WT)			
																																			Potential Emissions		
	3.67E-05	3.67E-05	3.67E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	3.6	
	1.28E-03	1.28E-03	1.28E-03	4.77E-04	4.77E-04	4.77E-04	4.77E-04	4.77E-04	4.77E-04	4.77E-04	4.77E-04	4.77E-04	4.77E-04	4.77E-04	4.77E-04	4.77E-04	4.77E-04	4.77E-04	4.77E-04	4.77E-04	4.77E-04	4.77E-04	4.77E-04	4.77E-04	4.77E-04	4.77E-04	4.77E-04	4.77E-04	4.77E-04	4.77E-04	4.77E-04	4.77E-04	4.77E-04	4.77E-04	4.77E-04	1.28E-03	
	1.04E-02	1.04E-02	1.04E-02	1.41E-02	1.41E-02	1.41E-02	1.41E-02	1.41E-02	1.41E-02	1.41E-02	1.41E-02	1.41E-02	1.41E-02	1.41E-02	1.41E-02	1.41E-02	1.41E-02	1.41E-02	1.41E-02	1.41E-02	1.41E-02	1.41E-02	1.41E-02	1.41E-02	1.41E-02	1.41E-02	1.41E-02	1.41E-02	1.41E-02	1.41E-02	1.41E-02	1.41E-02	1.41E-02	1.41E-02	1.41E-02	1.41E-02	1.04E-02
	5.78E-03	5.78E-03	5.78E-03	3.88E-05	3.88E-05	3.88E-05	3.88E-05	3.88E-05	3.88E-05	3.88E-05	3.88E-05	3.88E-05	3.88E-05	3.88E-05	3.88E-05	3.88E-05	3.88E-05	3.88E-05	3.88E-05	3.88E-05	3.88E-05	3.88E-05	3.88E-05	3.88E-05	3.88E-05	3.88E-05	3.88E-05	3.88E-05	3.88E-05	3.88E-05	3.88E-05	3.88E-05	3.88E-05	3.88E-05	3.88E-05	5.78E-03	
	3.40E-05	3.40E-05	3.40E-05	1.27E-05	1.27E-05	1.27E-05	1.27E-05	1.27E-05	1.27E-05	1.27E-05	1.27E-05	1.27E-05	1.27E-05	1.27E-05	1.27E-05	1.27E-05	1.27E-05	1.27E-05	1.27E-05	1.27E-05	1.27E-05	1.27E-05	1.27E-05	1.27E-05	1.27E-05	1.27E-05	1.27E-05	1.27E-05	1.27E-05	1.27E-05	1.27E-05	1.27E-05	1.27E-05	1.27E-05	3.40E-05		
	1.87E-05	1.87E-05	1.87E-05	7.63E-05	7.63E-05	7.63E-05	7.63E-05	7.63E-05	7.63E-05	7.63E-05	7.63E-05	7.63E-05	7.63E-05	7.63E-05	7.63E-05	7.63E-05	7.63E-05	7.63E-05	7.63E-05	7.63E-05	7.63E-05	7.63E-05	7.63E-05	7.63E-05	7.63E-05	7.63E-05	7.63E-05	7.63E-05	7.63E-05	7.63E-05	7.63E-05	7.63E-05	7.63E-05	7.63E-05	1.87E-05		
	1.43E-05	1.43E-05	1.43E-05	8.99E-05	8.99E-05	8.99E-05	8.99E-05	8.99E-05	8.99E-05	8.99E-05	8.99E-05	8.99E-05	8.99E-05	8.99E-05	8.99E-05	8.99E-05	8.99E-05	8.99E-05	8.99E-05	8.99E-05	8.99E-05	8.99E-05	8.99E-05	8.99E-05	8.99E-05	8.99E-05	8.99E-05	8.99E-05	8.99E-05	8.99E-05	8.99E-05	8.99E-05	8.99E-05	8.99E-05	1.43E-05		
	2.39E-05	2.39E-05	2.39E-05	4.10E-05	4.10E-05	4.10E-05	4.10E-05	4.10E-05	4.10E-05	4.10E-05	4.10E-05	4.10E-05	4.10E-05	4.10E-05	4.10E-05	4.10E-05	4.10E-05	4.10E-05	4.10E-05	4.10E-05	4.10E-05	4.10E-05	4.10E-05	4.10E-05	4.10E-05	4.10E-05	4.10E-05	4.10E-05	4.10E-05	4.10E-05	4.10E-05	4.10E-05	4.10E-05	4.10E-05	2.39E-05		
	6.45E-05	6.45E-05	6.45E-05	2.47E-05	2.47E-05	2.47E-05	2.47E-05	2.47E-05	2.47E-05	2.47E-05	2.47E-05	2.47E-05	2.47E-05	2.47E-05	2.47E-05	2.47E-05	2.47E-05	2.47E-05	2.47E-05	2.47E-05	2.47E-05	2.47E-05	2.47E-05	2.47E-05	2.47E-05	2.47E-05	2.47E-05	2.47E-05	2.47E-05	2.47E-05	2.47E-05	2.47E-05	2.47E-05	2.47E-05	6.45E-05		
	3.67E-05	3.67E-05	3.67E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	1.34E-05	3.67E-05		
	3.21E-02	3.21E-02	3.21E-02	1.47E-02	1.47E-02	1.47E-02	1.47E-02	1.47E-02	1.47E-02	1.47E-02	1.47E-02	1.47E-02	1.47E-02	1.47E-02	1.47E-02	1.47E-02	1.47E-02	1.47E-02	1.47E-02	1.47E-02	1.47E-02	1.47E-02	1.47E-02	1.47E-02	1.47E-02	1.47E-02	1.47E-02	1.47E-02	1.47E-02	1.47E-02	1.47E-02	1.47E-02	1.47E-02	1.47E-02	3.21E-02		

Pollutant

Hazardous Air Pollutants

- Benzene
- Formaldehyde
- Hexane
- Naphthalene
- Toluene
- Acetylene
- Beryllium
- Cadmium
- Chromium
- Cobalt
- Manganese
- Nickel
- Selenium

Part B: Pollutant Emissions Summary

Part B provides the total actual and potential emissions of each hazardous air pollutant emitted from the source (including all emissions units and fugitive emissions at the source). If you do not provide enough information to adequately describe the total source emissions, the application process may be stopped.

7. Hazardous Air Pollutant	8. CAS Number	9. Actual Emissions		10. Potential To Emit	
		Standard Units	Tons Per Year	Standard Units	Tons Per Year

Part C: Fugitive HAP Emissions (if applicable)

Part C summarizes the sources of fugitive HAP emissions at the source and estimates HAP emissions from these emission points. Complete this table if you are required to provide fugitive emissions data pursuant to 326 IAC 2-2 or 326 IAC 2-3.

11. Fugitive Emissions Source	12. Hazardous Air Pollutant	13. Emission Factor (lb/hr)	14. Number Leaking	15. Uncontrolled Potential To Emit	
				Pounds Per Hour	Tons Per Year
Compressor Seals					
Flanges					
Open-Ended Lines					
Pressure Relief Seals					
Pump Seals					
Sampling Connections					
Valves					
Other (specify):					



OAQ GENERAL SOURCE DATA APPLICATION
GSD-13: Affidavit of Applicability
 State Form 51803 (R2 / 1-10)
 INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

IDEM – Office of Air Quality – Permits Branch
 100 N. Senate Avenue, MC 81-63 Room 1003
 Indianapolis, IN 46204-2251
 Telephone: (317) 233-0178 or
 Toll Free: 1-800-451-6027 x30178 (within Indiana)
 Facsimile Number: (317) 232-6749
www.IN.gov/idem

- NOTES:**
- The purpose of GSD-13 is to certify that the requirement to notify adjacent landowners and occupants is applicable to the source of air pollutant emissions.
 - Detailed instructions for this form are available on the Air Permit Application Forms website.
 - All information submitted to IDEM will be made available to the public unless it is submitted under a claim of confidentiality. Claims of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in 328 IAC 17.1-4-1. Failure to follow these requirements exactly will result in your information becoming a public record, available for public inspection.

PART A: Affidavit Of Applicability	
Complete this form to certify that the requirement to notify adjacent landowners and occupants pursuant to Indiana Code (IC) 13-15-8 is applicable to the source of air pollutant emissions. This form must be notarized by a public notary.	
<p><u>Mark Hodge</u> , being first duly sworn upon oath, deposes and says:</p>	
<p>1. I live in <u>WAYNE</u> County, State of <u>Indiana</u>, and being of sound mind and over twenty-one (21) years of age, I am competent to give this affidavit.</p>	
<p>2. I hold the position of <u>Director of Manufacturing</u> for <u>Hills Pet Nutrition</u> (permit applicant's or facility's name).</p>	
<p>3. By virtue of my position with <u>Hills Pet Nutrition</u> (permit applicant's name), I am authorized to make the representation contained in this affidavit on behalf of the facility.</p>	
<p>4. I understand that the notice requirements of Ind. Code §13-15-8 applies to <u>Hills Pet Nutrition</u> permit applicant's or facility's name) for purposes of the accompanying permit application.</p>	
<p>5. As required by Indiana Code § 13-15-8, the permit applicant will send written notice to adjacent landowners not more than ten (10) days after submission of the accompanying application for <u>a Title V Operating Permit</u> (briefly describe type of permit application) filed on behalf of <u>Hills Pet Nutrition</u> (permit applicant's or facility's name).</p>	
<p>6. Further Affiant Saith Not.</p>	
<p><input checked="" type="checkbox"/> I affirm under the penalty for perjury that the representations contained in this affidavit are true, to the best of my information and belief.</p>	
<p><u>Mark Hodge</u> Name (typed)</p>	<p><u>Director of Manufacturing</u> Title</p>
<p><u>Mark Hodge</u> Signature</p>	<p><u>27 June, 2024</u> Date</p>
<p>STATE OF <u>Indiana</u></p>	<p>COUNTY OF <u>WAYNE</u></p>

PART B: Notarization

This section must be completed by a Public Notary.

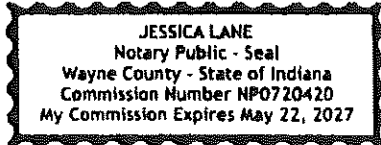
Before me a notary Public in and for said County and State, personally appeared Mark Hodge, and being first duly sworn by me upon oath, says that the fact stated in the foregoing instrument are true. Signed and sealed this 27 of June, 2027

Printed: Jessica Lane

My Commission Expires: May 22, 2027

Residence of IN

County Wayne





OAQ GENERAL SOURCE DATA APPLICATION
GSD-14: Owners and Occupants Notified
 State Form 51609 (R2 / 1-10)
 INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

IDEM – Office of Air Quality – Permits Branch
 100 N. Senate Avenue, MC 61-53 Room 1003
 Indianapolis, IN 46204-2251
 Telephone: (317) 233-0178 or
 Toll Free: 1-800-451-6027 x30178 (within Indiana)
 Facsimile Number: (317) 232-6749
www.IN.gov/idem

- NOTES:**
- The purpose of GSD-14 is to identify adjacent landowners and occupants that are to be notified that an air permit application has been submitted.
 - Detailed instructions for this form are available on the Air Permit Application Forms website.
 - All information submitted to IDEM will be made available to the public unless it is submitted under a claim of confidentiality. Claims of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in 326 IAC 17.1-4-1. Failure to follow these requirements exactly will result in your information becoming a public record, available for public inspection.

Owners And Occupants Notified		
Use this table to identify adjacent landowners and occupants that you have notified of your intent to construct pursuant to Indiana Code (IC) 13-15-8. If you need additional space, you may make copies of this form.		
1. Owner / Occupant Name: THE CITY OF RICHMOND - BOARD OF PARKS AND REC		2. Date Notified: 6/15/2024
3. Address: 50 N 5 TH ST		
City: RICHMOND	State: IN	ZIP Code: 47374 –
4. Electronic Mail: parks@richmondindiana.gov		5. Telephone Number: (765) 983 - 7275
6. Method of Notification: <input type="checkbox"/> Telephone <input checked="" type="checkbox"/> Electronic Mail <input type="checkbox"/> Standard Mail <input type="checkbox"/> Other (specify):		
Owner / Occupant Name: CARDINAL GREENWAY INC		Date Notified: 6/15/2024
Address: 700 E WYSOR ST		
City: MUNCIE	State: IN	ZIP Code: 47305 –
Electronic Mail: INFO@CARDINALGREENWAYS.ORG		Telephone Number: (765) 287 - 0399
Method of Notification: <input type="checkbox"/> Telephone <input checked="" type="checkbox"/> Electronic Mail <input type="checkbox"/> Standard Mail <input type="checkbox"/> Other (specify):		
Owner / Occupant Name: RICHMOND, INDIANA REDEVELOPMENT AUTHORITY		Date Notified: 06/15/2024
Address: 50 N 5 TH ST		
City: RICHMOND	State: IN	ZIP Code: 47374 –
Electronic Mail:		Telephone Number: (765) 983 - 7200
Method of Notification: <input checked="" type="checkbox"/> Telephone <input type="checkbox"/> Electronic Mail <input type="checkbox"/> Standard Mail <input type="checkbox"/> Other (specify):		
Owner / Occupant Name:		Date Notified:
Address:		
City:	State:	ZIP Code: –
Electronic Mail:		Telephone Number: () -
Method of Notification: <input type="checkbox"/> Telephone <input type="checkbox"/> Electronic Mail <input type="checkbox"/> Standard Mail <input type="checkbox"/> Other (specify):		
Owner / Occupant Name:		Date Notified:
Address:		
City:	State:	ZIP Code: –
Electronic Mail:		Telephone Number: () -
Method of Notification: <input type="checkbox"/> Telephone <input type="checkbox"/> Electronic Mail <input type="checkbox"/> Standard Mail <input type="checkbox"/> Other (specify):		



OAQ GENERAL SOURCE DATA APPLICATION
GSD-15: Government Officials Notified
 State Form 51608 (R3 / 1-10)
 INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

IDEM – Office of Air Quality – Permits Branch
 100 N. Senate Avenue, MC 61-53 Room 1003
 Indianapolis, IN 46204-2251
 Telephone: (317) 233-0178 or
 Toll Free: 1-800-451-6027 x30178 (within Indiana)
 Facsimile Number: (317) 232-6749
www.IN.gov/idem

NOTES:

- The purpose of GSD-15 is to identify local government officials that are to be notified that an air permit application has been submitted.
- Detailed instructions for this form are available on the Air Permit Application Forms website.
- All information submitted to IDEM will be made available to the public unless it is submitted under a claim of confidentiality. Claims of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in 326 IAC 17.1-4-1. Failure to follow these requirements exactly will result in your information becoming a public record, available for public inspection.

Government Officials Notified		
Use this table to identify local government officials that should be notified pursuant to Indiana Code (IC) 13-15-3-1 that an air permit application has been submitted. If you need additional space, you may make copies of this form.		
1. Name: Christine Stinson		2. Date Notified: 6/15/2024
3. Title: Wayne County Health Department Contact Person		
4. Address: 401 East Main		
City: Richmond	State: IN	ZIP Code: 47374 –
5. Electronic Mail: health@co.wayne.in.us		6. Telephone Number: (765) 973 - 9245
7. Method of Notification: <input type="checkbox"/> Telephone <input checked="" type="checkbox"/> Electronic Mail <input type="checkbox"/> Standard Mail <input type="checkbox"/> Other (specify):		
Name: Karen Chasteen		Date Notified: 6/15/2024
Title: Clerk		
Address: 50 N 5 th St.		
City: Richmond	State: IN	ZIP Code: 47374 –
Electronic Mail: kchasteen@richmondindiana.gov		Telephone Number: (765) 983 - 7232
Method of Notification: <input type="checkbox"/> Telephone <input checked="" type="checkbox"/> Electronic Mail <input type="checkbox"/> Standard Mail <input type="checkbox"/> Other (specify):		
Name:		Date Notified:
Title:		
Address:		
City:	State:	ZIP Code: –
Electronic Mail:		Telephone Number: () -
Method of Notification: <input type="checkbox"/> Telephone <input type="checkbox"/> Electronic Mail <input type="checkbox"/> Standard Mail <input type="checkbox"/> Other (specify):		
Name:		Date Notified:
Title:		
Address:		
City:	State:	ZIP Code: –
Electronic Mail:		Telephone Number: () -
Method of Notification: <input type="checkbox"/> Telephone <input type="checkbox"/> Electronic Mail <input type="checkbox"/> Standard Mail <input type="checkbox"/> Other (specify):		



OAQ PROCESS INFORMATION APPLICATION
PI-02A: Combustion Unit Summary
 State Form 52535 (R2 / 1-10)
 INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

IDEM – Office of Air Quality – Permits Branch
 100 N. Senate Avenue, MC 61-53 Room 1003
 Indianapolis, IN 46204-2251
 Telephone: (317) 233-0178 or
 Toll Free: 1-800-451-6027 x30178 (within Indiana)
 Facsimile Number: (317) 232-6749
www.IN.gov/idem

NOTES:

- The purpose of this form is to summarize all of the combustion process units.
- Detailed instructions for this form are available on the Air Permit Application Forms website.
- All information submitted to IDEM will be made available to the public unless it is submitted under a claim of confidentiality. Claims of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in 326 IAC 17.1-4-1. Failure to follow these requirements exactly will result in your information becoming a public record, available for anyone to inspect and photocopy.

Form ID	Form Title	Guidance on when to submit the form
PI-02A	Combustion Unit Summary	Complete once for each application.
PI-02B	Boilers & Process Heaters	Complete once for each boiler or process heater.
PI-02C	Turbines & Internal Combustion Engines	Complete once for each turbine or internal combustion engine.
PI-02D	Incinerators & Combustors	Complete once for each incinerator or combustor.
PI-02E	Kilns	Complete once for each kiln.
PI-02F	Fuel Use	Complete once for each emissions unit that burns fuel other than natural gas.
PI-02G	Emission Factors	Complete once for each emissions unit.
PI-02H	Federal Rule Applicability	Complete once for each emissions unit.

Summary of Combustion Units

This table summarizes all the combustion units at the source. If there are multiple combustion units that are identical in nature, capacity, and use, you may use one row to summarize the identical units.

1. Combustion Unit Type	2. Number of Identical Units	3. Unit ID(s)	4. Date of Installation or Modification <i>(actual or anticipated)</i>	5. Heat Input Rate of each unit <i>(MMBtu/hr)</i>	6. Emergency / Back-Up Unit? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Boiler	2	B1, B2	1/1/1995	30.48	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Boiler	1	B3	1/1/1995	3.13	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Dryer	2	D3-DR-101, D3-DR-201	1/1/1995	11.40	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Dryer	2	D3-DR-300, D3-DR-400	1/1/1995	14.00	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Fire Pump Engine	1	EM ICE - FP			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Space Heater	2	ACU-1, ACU-2	1/1/2015	0.53	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Space Heater	1	ACU-3	1/1/2014	0.81	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Space Heater	2	ACU-4, ACU-5	1/1/2016	0.35	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Space Heater	1	ACU-12	1/1/2018	0.25	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Space Heater	1	ACU-14	1/1/2018	0.20	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Space Heater	2	GMU-8, GMU-9	1/1/2005	1.90	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Space Heater	1	GMU-10	1/1/2005	6.05	<input type="checkbox"/> Yes <input type="checkbox"/> No



OAQ PROCESS INFORMATION APPLICATION
PI-02A: Combustion Unit Summary
 State Form 52535 (R2 / 1-10)
 INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

IDEM – Office of Air Quality – Permits Branch
 100 N. Senate Avenue, MC 61-53 Room 1003
 Indianapolis, IN 46204-2251
 Telephone: (317) 233-0178 or
 Toll Free: 1-800-451-6027 x30178 (within Indiana)
 Facsimile Number: (317) 232-6749
www.IN.gov/idem

NOTES:

- The purpose of this form is to summarize all of the combustion process units.
- Detailed instructions for this form are available on the Air Permit Application Forms website.
- All information submitted to IDEM will be made available to the public unless it is submitted under a claim of confidentiality. Claims of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in 326 IAC 17.1-4-1. Failure to follow these requirements exactly will result in your information becoming a public record, available for anyone to inspect and photocopy.

Form ID	Form Title	Guidance on when to submit the form
PI-02A	Combustion Unit Summary	Complete once for each application.
PI-02B	Boilers & Process Heaters	Complete once for each boiler or process heater.
PI-02C	Turbines & Internal Combustion Engines	Complete once for each turbine or internal combustion engine.
PI-02D	Incinerators & Combustors	Complete once for each incinerator or combustor.
PI-02E	Kilns	Complete once for each kiln.
PI-02F	Fuel Use	Complete once for each emissions unit that burns fuel other than natural gas.
PI-02G	Emission Factors	Complete once for each emissions unit.
PI-02H	Federal Rule Applicability	Complete once for each emissions unit.

Summary of Combustion Units					
This table summarizes all the combustion units at the source. If there are multiple combustion units that are identical in nature, capacity, and use, you may use one row to summarize the identical units.					
1. Combustion Unit Type	2. Number of Identical Units	3. Unit ID(s)	4. Date of Installation or Modification <i>(actual or anticipated)</i>	5. Heat Input Rate of each unit <i>(MMBtu/hr)</i>	6. Emergency / Back-Up Unit? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Space Heater	5	GMU-12, GMU-13, GMU-14, GMU-15, GMU-16	1/1/2000	1.52	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Space Heater	2	GMU-19, GMU-20	1/1/2000	4.18	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Space Heater	1	GMU-25	1/1/2000	0.98	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Space Heater	1	GMU-26	1/1/2008	2.20	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Space Heater	1	GMU-27	1/1/2008	1.20	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Space Heater	1	GMU-28	1/1/2012	2.12	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Space Heater	3	GMU-40, GMU-41, GMU-42	1/1/2010	4.40	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Space Heater	1	GMU-92	1/1/2016	3.60	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
					<input type="checkbox"/> Yes <input type="checkbox"/> No
					<input type="checkbox"/> Yes <input type="checkbox"/> No

					<input type="checkbox"/> Yes <input type="checkbox"/> No
					<input type="checkbox"/> Yes <input type="checkbox"/> No



OAQ PROCESS INFORMATION APPLICATION
PI-02B: Combustion – Boilers, Process Heaters & Furnaces
 State Form 52536 (R2 / 1-10)
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

IDEM – Office of Air Quality – Permits Branch
 100 N. Senate Avenue, MC 61-53 Room 1003
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 Toll Free: 1-800-451-6027 x30178 (within Indiana)
 Facsimile Number: (317) 232-6749
www.IN.gov/idem

NOTES:

- The purpose of this form is to specify details that pertain only to boilers, process heaters and furnaces.
- For the purposes of this form, a process heater is any combustion unit that provides heat directly or indirectly to the process.
- Complete one PI-02B form for each emissions unit. If there are multiple emission units that are identical in nature, capacity, and use, you may use one PI-02B form to summarize the units.
- Detailed instructions for this form are available on the Air Permit Application Forms website.
- All information submitted to IDEM will be made available to the public unless it is submitted under a claim of confidentiality. Claims of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in 326 IAC 17.1-4-1. Failure to follow these requirements exactly will result in your information becoming a public record, available for anyone to inspect and photocopy.

PART A: Process Unit Details

Part A specifies operating information that is unique to boilers, process heaters and furnaces. Definitions and additional explanation of terminology are included in the instructions for this form.

1. Unit ID: B1, B2

2. Type of Combustion Unit

- | | | |
|---|---|--|
| <input checked="" type="checkbox"/> Boiler: | <input checked="" type="checkbox"/> Industrial Boiler | <input type="checkbox"/> Commercial Boiler |
| | <input type="checkbox"/> Institutional Boiler | <input type="checkbox"/> Horseshoe Boiler |
| <input type="checkbox"/> Process Heater: | <input type="checkbox"/> Dutch Oven | <input type="checkbox"/> Drying Oven |
| | <input type="checkbox"/> Fuel Cell | <input type="checkbox"/> Space Heater |
| <input type="checkbox"/> Furnace: | <input type="checkbox"/> Crucible | <input type="checkbox"/> Crucible Pot |
| | <input type="checkbox"/> Cupola | <input type="checkbox"/> Electric Arc |
| | <input type="checkbox"/> Electric Induction | <input type="checkbox"/> Open Hearth |
| | <input type="checkbox"/> Open Hearth, Oxygen Lanced | <input type="checkbox"/> Pot |
| | <input type="checkbox"/> Reverberatory | <input type="checkbox"/> Sweat |

3. Combustion Process

- | | | |
|--|---|--|
| <input checked="" type="checkbox"/> Cyclone Burner | <input type="checkbox"/> Fluidized Bed – <i>Circulating</i> | <input type="checkbox"/> Fluidized Bed – <i>Bubbling</i> |
| <input type="checkbox"/> Overfeed Stoker / Traveling Grate | <input type="checkbox"/> Pulverized – <i>Dry Bottom</i> | <input type="checkbox"/> Pulverized – <i>Wet Bottom</i> |
| <input type="checkbox"/> Spreader Stoker | <input type="checkbox"/> Underfeed Stoker | <input type="checkbox"/> Other (<i>specify</i>): _____ |

4. Heat Transfer Method: Watertube Firetube Cast Iron

5. Transfer Surface Arrangement
(check all that apply): Horizontal Straight Vertical Bent Tube

6. Firing Configuration: Cyclone Fluidized Bed Combustor Front Wall
 Horizontally Opposed Normal Stoker
 Suspension Tangential

7. Heat Transfer Method
(process heaters only): Direct Indirect

8. Fuel Used: Natural Gas Only Other – *Attach completed PI-02F.*

PART B: Emission Controls and Limitations

Part B identifies control technology, control techniques or other process limitations that impact air emissions.

9. Add-On Control Technology: *Identify all control technologies used for this process. Attach completed CE-01 (unless "none").*

- None
- Baghouse / Fabric Filter – Attach CE-02.
- Cyclone – Attach CE-03.
- Electrostatic Precipitator – Attach CE-04.
- Absorption / Wet Collector / Scrubber – Attach CE-05.
- NO_x Reduction – Attach CE-09.
- Other (specify): _____ – Attach CE-10.

10. Control Techniques: *Identify all control techniques used for this process.*

- None (explain): _____
- Ammonia Injection
- Biased Burner Firing
- Burning Oil / Water Emulsions
- Burners Out Of Service
- Duct Injection
- Flue Gas Recirculation
- Flyash Reinjection
- Furnace Injection
- Load Reduction
- Low Excess Air
- Low NO_x Burners
- Overfire Air
- Reburn
- Reduced Air Preheat
- Spray Drying
- Staged Combustion
- Other (specify): _____ – Attach completed GSD-09.

11. Process Limitations / Additional Information: *Identify any acceptable process limitations. Attach additional information if necessary.*

Process boilers operated 6 days per week. 30.48 MMBtu/hr heat input capacity for each of the two (2) boilers. These two (2) boilers and all equipment in this application is already installed and was operating under a combination of PBR and SSOA until that was noticed by an inspector as a non-permissible permitting situation.

PART C: Previously Installed Boilers

Part C identifies all boilers that were installed prior to submitting this application.

12. Are there any Previously Installed Boilers present at this source?

- No – Proceed to Part D.
- Yes → Information attached. Information is contained in operating permit.

PART D: Furnace Details

Part D identifies details that pertain only to furnaces. If there are no furnaces identified with this application, completion of this table is not required.

13. Material Melted:

14. Maximum Melt Rate (specify units):

15. Flux Type:

MSDS attached.

16. Flux Amount (specify units):

17. Oven Throughput Material:



**OAQ PROCESS INFORMATION APPLICATION
PI-02B: Combustion – Boilers, Process Heaters &
Furnaces**

State Form 52536 (R2 / 1-10)
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

IDEM – Office of Air Quality – Permits Branch
100 N. Senate Avenue, MC 61-53 Room 1003
Indianapolis, IN 46204-2251
Telephone: (317) 233-0178 or
Toll Free: 1-800-451-6027 x30178 (within Indiana)
Facsimile Number: (317) 232-6749
www.IN.gov/idem

NOTES:

- The purpose of this form is to specify details that pertain only to boilers, process heaters and furnaces.
- For the purposes of this form, a process heater is any combustion unit that provides heat directly or indirectly to the process.
- Complete one PI-02B form for each emissions unit. If there are multiple emission units that are identical in nature, capacity, and use, you may use one PI-02B form to summarize the units.
- Detailed instructions for this form are available on the Air Permit Application Forms website.
- All information submitted to IDEM will be made available to the public unless it is submitted under a claim of confidentiality. Claims of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in 326 IAC 17.1-4-1. Failure to follow these requirements exactly will result in your information becoming a public record, available for anyone to inspect and photocopy.

PART A: Process Unit Details			
Part A specifies operating information that is unique to boilers, process heaters and furnaces. Definitions and additional explanation of terminology are included in the instructions for this form.			
1. Unit ID: B3			
2. Type of Combustion Unit			
<input checked="" type="checkbox"/> Boiler:	<input checked="" type="checkbox"/> Industrial Boiler	<input type="checkbox"/> Commercial Boiler	
	<input type="checkbox"/> Institutional Boiler	<input type="checkbox"/> Horseshoe Boiler	
<input type="checkbox"/> Process Heater:	<input type="checkbox"/> Dutch Oven	<input type="checkbox"/> Drying Oven	
	<input type="checkbox"/> Fuel Cell	<input type="checkbox"/> Space Heater	
<input type="checkbox"/> Furnace:	<input type="checkbox"/> Crucible	<input type="checkbox"/> Crucible Pot	
	<input type="checkbox"/> Cupola	<input type="checkbox"/> Electric Arc	
	<input type="checkbox"/> Electric Induction	<input type="checkbox"/> Open Hearth	
	<input type="checkbox"/> Open Hearth, Oxygen Lanced	<input type="checkbox"/> Pot	
	<input type="checkbox"/> Reverberatory	<input type="checkbox"/> Sweat	
3. Combustion Process			
<input checked="" type="checkbox"/> Cyclone Burner	<input type="checkbox"/> Fluidized Bed – <i>Circulating</i>	<input type="checkbox"/> Fluidized Bed – <i>Bubbling</i>	
<input type="checkbox"/> Overfeed Stoker / Traveling Grate	<input type="checkbox"/> Pulverized – <i>Dry Bottom</i>	<input type="checkbox"/> Pulverized – <i>Wet Bottom</i>	
<input type="checkbox"/> Spreader Stoker	<input type="checkbox"/> Underfeed Stoker	<input type="checkbox"/> Other (<i>specify</i>): _____	
4. Heat Transfer Method:	<input type="checkbox"/> Watertube	<input checked="" type="checkbox"/> Firetube	<input type="checkbox"/> Cast Iron
5. Transfer Surface Arrangement (<i>check all that apply</i>):	<input checked="" type="checkbox"/> Horizontal	<input type="checkbox"/> Straight	
	<input type="checkbox"/> Vertical	<input type="checkbox"/> Bent Tube	
6. Firing Configuration:	<input type="checkbox"/> Cyclone	<input type="checkbox"/> Fluidized Bed Combustor	<input type="checkbox"/> Front Wall
	<input checked="" type="checkbox"/> Horizontally Opposed	<input type="checkbox"/> Normal	<input type="checkbox"/> Stoker
	<input type="checkbox"/> Suspension	<input type="checkbox"/> Tangential	
7. Heat Transfer Method (<i>process heaters only</i>):	<input type="checkbox"/> Direct	<input type="checkbox"/> Indirect	
8. Fuel Used:	<input type="checkbox"/> Natural Gas Only	<input type="checkbox"/> Other – <i>Attach completed PI-02F.</i>	

PART B: Emission Controls and Limitations

Part B identifies control technology, control techniques or other process limitations that impact air emissions.

9. Add-On Control Technology: *Identify all control technologies used for this process. Attach completed CE-01 (unless "none").*

- None
- Baghouse / Fabric Filter – *Attach CE-02.*
- Electrostatic Precipitator – *Attach CE-04.*
- NO_x Reduction – *Attach CE-09.*
- Cyclone – *Attach CE-03.*
- Absorption / Wet Collector / Scrubber – *Attach CE-05.*
- Other (*specify*): _____ – *Attach CE-10.*

10. Control Techniques: *Identify all control techniques used for this process.*

- None (*explain*): _____
- Ammonia Injection
- Burners Out Of Service
- Flyash Reinjection
- Low Excess Air
- Reburn
- Staged Combustion
- Biased Burner Firing
- Duct Injection
- Furnace Injection
- Low NO_x Burners
- Reduced Air Preheat
- Other (*specify*): _____ – *Attach completed GSD-09.*
- Burning Oil / Water Emulsions
- Flue Gas Recirculation
- Load Reduction
- Overfire Air
- Spray Drying

11. Process Limitations / Additional Information: *Identify any acceptable process limitations. Attach additional information if necessary.*

Process boilers operated 6 days per week. 30.48 MMBtu/hr heat input capacity for each of the two (2) boilers. These two (2) boilers and all equipment in this application is already installed and was operating under a combination of PBR and SSOA until that was noticed by an inspector as a non-permissible permitting situation.

PART C: Previously Installed Boilers

Part C identifies all boilers that were installed prior to submitting this application.

12. Are there any Previously Installed Boilers present at this source?

- No – Proceed to Part D.
- Yes → Information attached. Information is contained in operating permit:

PART D: Furnace Details

Part D identifies details that pertain only to furnaces. If there are no furnaces identified with this application, completion of this table is not required.

13. Material Melted:

14. Maximum Melt Rate (*specify units*): _____

15. Flux Type: _____ MSDS attached.

16. Flux Amount (*specify units*): _____

17. Oven Throughput Material:



OAQ PROCESS INFORMATION APPLICATION
PI-02B: Combustion – Boilers, Process Heaters & Furnaces

State Form 52536 (R2 / 1-10)
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

IDEM – Office of Air Quality – Permits Branch
 100 N. Senate Avenue, MC 61-53 Room 1003
 Indianapolis, IN 46204-2251
 Telephone: (317) 233-0178 or
 Toll Free: 1-800-451-6027 x30178 (within Indiana)
 Facsimile Number: (317) 232-6749
www.IN.gov/idem

NOTES:

- The purpose of this form is to specify details that pertain only to boilers, process heaters and furnaces.
- For the purposes of this form, a process heater is any combustion unit that provides heat directly or indirectly to the process.
- Complete one PI-02B form for each emissions unit. If there are multiple emission units that are identical in nature, capacity, and use, you may use one PI-02B form to summarize the units.
- Detailed instructions for this form are available on the Air Permit Application Forms website.
- All information submitted to IDEM will be made available to the public unless it is submitted under a claim of confidentiality. Claims of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in 326 IAC 17.1-4-1. Failure to follow these requirements exactly will result in your information becoming a public record, available for anyone to inspect and photocopy.

PART A: Process Unit Details			
Part A specifies operating information that is unique to boilers, process heaters and furnaces. Definitions and additional explanation of terminology are included in the instructions for this form.			
1. Unit ID: PD1, PD2			
2. Type of Combustion Unit			
<input type="checkbox"/> Boiler:	<input type="checkbox"/> Industrial Boiler	<input type="checkbox"/> Commercial Boiler	
	<input type="checkbox"/> Institutional Boiler	<input type="checkbox"/> Horseshoe Boiler	
<input checked="" type="checkbox"/> Process Heater:	<input type="checkbox"/> Dutch Oven	<input checked="" type="checkbox"/> Drying Oven	
	<input type="checkbox"/> Fuel Cell	<input type="checkbox"/> Space Heater	
<input type="checkbox"/> Furnace:	<input type="checkbox"/> Crucible	<input type="checkbox"/> Crucible Pot	
	<input type="checkbox"/> Cupola	<input type="checkbox"/> Electric Arc	
	<input type="checkbox"/> Electric Induction	<input type="checkbox"/> Open Hearth	
	<input type="checkbox"/> Open Hearth, Oxygen Lanced	<input type="checkbox"/> Pot	
	<input type="checkbox"/> Reverberatory	<input type="checkbox"/> Sweat	
3. Combustion Process			
<input type="checkbox"/> Cyclone Burner	<input type="checkbox"/> Fluidized Bed – <i>Circulating</i>	<input type="checkbox"/> Fluidized Bed – <i>Bubbling</i>	
<input type="checkbox"/> Overfeed Stoker / Traveling Grate	<input type="checkbox"/> Pulverized – <i>Dry Bottom</i>	<input type="checkbox"/> Pulverized – <i>Wet Bottom</i>	
<input type="checkbox"/> Spreader Stoker	<input type="checkbox"/> Underfeed Stoker	<input type="checkbox"/> Other (<i>specify</i>): _____	
4. Heat Transfer Method: <input type="checkbox"/> Watertube <input type="checkbox"/> Firetube <input type="checkbox"/> Cast Iron			
5. Transfer Surface Arrangement (<i>check all that apply</i>):			
	<input checked="" type="checkbox"/> Horizontal	<input type="checkbox"/> Straight	
	<input type="checkbox"/> Vertical	<input type="checkbox"/> Bent Tube	
6. Firing Configuration:			
	<input type="checkbox"/> Cyclone	<input type="checkbox"/> Fluidized Bed Combustor	<input type="checkbox"/> Front Wall
	<input type="checkbox"/> Horizontally Opposed	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Stoker
	<input type="checkbox"/> Suspension	<input type="checkbox"/> Tangential	
7. Heat Transfer Method (<i>process heaters only</i>):			
	<input type="checkbox"/> Direct	<input checked="" type="checkbox"/> Indirect	
8. Fuel Used: <input checked="" type="checkbox"/> Natural Gas Only <input type="checkbox"/> Other – <i>Attach completed PI-02F.</i>			

PART B: Emission Controls and Limitations

Part B identifies control technology, control techniques or other process limitations that impact air emissions.

9. Add-On Control Technology: Identify all control technologies used for this process. Attach completed CE-01 (unless "none").

- None
- Baghouse / Fabric Filter – Attach CE-02.
- Cyclone – Attach CE-03.
- Electrostatic Precipitator – Attach CE-04.
- Absorption / Wet Collector / Scrubber – Attach CE-05.
- NO_x Reduction – Attach CE-09.
- Other (specify): _____ – Attach CE-10.

10. Control Techniques: Identify all control techniques used for this process.

- None (explain): _____
- Ammonia Injection
- Biased Burner Firing
- Burning Oil / Water Emulsions
- Burners Out Of Service
- Duct Injection
- Flue Gas Recirculation
- Flyash Reinjection
- Furnace Injection
- Load Reduction
- Low Excess Air
- Low NO_x Burners
- Overfire Air
- Reburn
- Reduced Air Preheat
- Spray Drying
- Staged Combustion
- Other (specify): _____ – Attach completed GSD-09.

11. Process Limitations / Additional Information: Identify any acceptable process limitations. Attach additional information if necessary.

Process Dryers for Line 1 and 2. 11.4 MMBtu/hr each. NG fired. PM mobilized in product is controlled by cyclone. Exhaust emissions. These dryers are already installed, as are all of the equipment pieces within this permit application.

PART C: Previously Installed Boilers

Part C identifies all boilers that were installed prior to submitting this application.

12. Are there any Previously Installed Boilers present at this source?

- No – Proceed to Part D.
- Yes → Information attached. Information is contained in operating permit:

PART D: Furnace Details

Part D identifies details that pertain only to furnaces. If there are no furnaces identified with this application, completion of this table is not required.

13. Material Melted:

14. Maximum Melt Rate (specify units):

15. Flux Type: _____ MSDS attached.

16. Flux Amount (specify units):

17. Oven Throughput Material:



OAQ PROCESS INFORMATION APPLICATION
PI-02B: Combustion – Boilers, Process Heaters & Furnaces

State Form 52536 (R2 / 1-10)
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

IDEM – Office of Air Quality – Permits Branch
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 Facsimile Number: (317) 232-6749
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NOTES:

- The purpose of this form is to specify details that pertain only to boilers, process heaters and furnaces.
- For the purposes of this form, a process heater is any combustion unit that provides heat directly or indirectly to the process.
- Complete one PI-02B form for each emissions unit. If there are multiple emission units that are identical in nature, capacity, and use, you may use one PI-02B form to summarize the units.
- Detailed instructions for this form are available on the Air Permit Application Forms website.
- All information submitted to IDEM will be made available to the public unless it is submitted under a claim of confidentiality. Claims of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in 326 IAC 17.1-4-1. Failure to follow these requirements exactly will result in your information becoming a public record, available for anyone to inspect and photocopy.

PART A: Process Unit Details

Part A specifies operating information that is unique to boilers, process heaters and furnaces. Definitions and additional explanation of terminology are included in the instructions for this form.

1. Unit ID: PD3, PD4

2. Type of Combustion Unit

- | | | |
|---|---|---|
| <input type="checkbox"/> Boiler: | <input type="checkbox"/> Industrial Boiler | <input type="checkbox"/> Commercial Boiler |
| | <input type="checkbox"/> Institutional Boiler | <input type="checkbox"/> Horseshoe Boiler |
| <input checked="" type="checkbox"/> Process Heater: | <input type="checkbox"/> Dutch Oven | <input checked="" type="checkbox"/> Drying Oven |
| | <input type="checkbox"/> Fuel Cell | <input type="checkbox"/> Space Heater |
| <input type="checkbox"/> Furnace: | <input type="checkbox"/> Crucible | <input type="checkbox"/> Crucible Pot |
| | <input type="checkbox"/> Cupola | <input type="checkbox"/> Electric Arc |
| | <input type="checkbox"/> Electric Induction | <input type="checkbox"/> Open Hearth |
| | <input type="checkbox"/> Open Hearth, Oxygen Lanced | <input type="checkbox"/> Pot |
| | <input type="checkbox"/> Reverberatory | <input type="checkbox"/> Sweat |

3. Combustion Process

- | | | |
|--|---|--|
| <input type="checkbox"/> Cyclone Burner | <input type="checkbox"/> Fluidized Bed – <i>Circulating</i> | <input type="checkbox"/> Fluidized Bed – <i>Bubbling</i> |
| <input type="checkbox"/> Overfeed Stoker / Traveling Grate | <input type="checkbox"/> Pulverized – <i>Dry Bottom</i> | <input type="checkbox"/> Pulverized – <i>Wet Bottom</i> |
| <input type="checkbox"/> Spreader Stoker | <input type="checkbox"/> Underfeed Stoker | <input type="checkbox"/> Other (<i>specify</i>): _____ |

4. Heat Transfer Method: Watertube Firetube Cast Iron

5. Transfer Surface Arrangement
(check all that apply): Horizontal Straight Vertical Bent Tube

6. Firing Configuration: Cyclone Fluidized Bed Combustor Front Wall
 Horizontally Opposed Normal Stoker
 Suspension Tangential

7. Heat Transfer Method
(process heaters only): Direct Indirect

8. Fuel Used: Natural Gas Only Other – *Attach completed PI-02F.*

PART B: Emission Controls and Limitations

Part B identifies control technology, control techniques or other process limitations that impact air emissions.

9. Add-On Control Technology: *Identify all control technologies used for this process. Attach completed CE-01 (unless "none").*

- None
- Baghouse / Fabric Filter – *Attach CE-02.*
- Electrostatic Precipitator – *Attach CE-04.*
- NO_x Reduction – *Attach CE-09.*
- Cyclone – *Attach CE-03.*
- Absorption / Wet Collector / Scrubber – *Attach CE-05.*
- Other (*specify*): _____ – *Attach CE-10.*

10. Control Techniques: *Identify all control techniques used for this process.*

- None (*explain*): _____
- Ammonia Injection
- Burners Out Of Service
- Flyash Reinjection
- Low Excess Air
- Reburn
- Staged Combustion
- Biased Burner Firing
- Duct Injection
- Furnace Injection
- Low NO_x Burners
- Reduced Air Preheat
- Other (*specify*): _____ – *Attach completed GSD-09.*
- Burning Oil / Water Emulsions
- Flue Gas Recirculation
- Load Reduction
- Overfire Air
- Spray Drying

11. Process Limitations / Additional Information: *Identify any acceptable process limitations. Attach additional information if necessary.*

Process Dryers for Line 3 and 4. 14.0 MMBtu/hr each. NG fired. PM mobilized in product is controlled by cyclone. Exhaust emissions are not controlled beyond use of Low NO_x burners.

PART C: Previously Installed Boilers

Part C identifies all boilers that were installed prior to submitting this application.

12. Are there any Previously Installed Boilers present at this source?

- No – Proceed to Part D.
- Yes → Information attached. Information is contained in operating permit.

PART D: Furnace Details

Part D identifies details that pertain only to furnaces. If there are no furnaces identified with this application, completion of this table is not required.

13. Material Melted:

14. Maximum Melt Rate (*specify units*): _____

15. Flux Type: _____ MSDS attached.

16. Flux Amount (*specify units*): _____

17. Oven Throughput Material:



OAQ PROCESS INFORMATION APPLICATION
PI-02F: Combustion – Fuel Use
 State Form 52540 (R2 / 1-10)
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

IDEM – Office of Air Quality – Permits Branch
 100 N. Senate Avenue, MC 61-53 Room 1003
 Indianapolis, IN 46204-2251
 Telephone: (317) 233-0178 or
 Toll Free: 1-800-451-6027 x30178 (within Indiana)
 Facsimile Number: (317) 232-6749
www.IN.gov/idem

- NOTES:
- The purpose of this form is to identify each fuel that will be used in the combustion unit. Definitions and additional explanation of terminology are included in the instructions for this form.
 - Complete one form PI-02F for each combustion unit. If the unit has any capability of using a fuel, even if on a backup or intermittent basis, complete the applicable section. Using a fuel that is not specified in the permit is a violation of the permit.
 - Detailed instructions for this form are available on the Air Permit Application Forms website.
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PART A: Process Unit Identification

1. Unit ID: B1, B2

PART B: Gaseous Fuels

Part B identifies the gaseous fuels that will be used in the combustion unit.

2. Fuel Type:	3. Percent of Fuel Use <i>(by volume)</i>	4. Primary or Secondary Fuel?	5. Component Percentages:	6. Heating Value:
<input checked="" type="checkbox"/> Natural Gas	100.00%	<input checked="" type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur: 0.00%	1020.00 <i>(Btu/ft³)</i>
<input type="checkbox"/> Liquefied Petroleum Gas <input type="checkbox"/> Commercial- Propane <input type="checkbox"/> Engine Fuel Propane (HD-5) <input type="checkbox"/> Commercial- Butane		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur: Butane: Propane:	<i>(Btu/ft³)</i>
<input type="checkbox"/> Process Gas *		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur:	<i>(Btu/ft³)</i>
<input type="checkbox"/> Landfill Gas *		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur:	<i>(Btu/ft³)</i>
<input type="checkbox"/> Other <i>(specify):</i>		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	: :	<i>(Btu/ft³)</i>

* Indicate the source of the process or landfill gas:

PART C: Liquid Fuels

Part C identifies the liquid fuels that will be used in the combustion unit.

7. Fuel Type:	8. Percent of Fuel Use (by volume)	9. Primary or Secondary Fuel?	10. Component Percentages:	11. Heating Value:	12. Percent Heat:
<input type="checkbox"/> Residual Fuel Oil <input type="checkbox"/> No. 5 – Heavy <input type="checkbox"/> No. 5 – Light <input type="checkbox"/> No. 6 (Bunker C)		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur:	(Btu/gal)	
<input type="checkbox"/> Distillate Fuel Oil <input type="checkbox"/> No. 1 <input type="checkbox"/> No. 2 (Diesel) <input type="checkbox"/> No. 4		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur:	(Btu/gal)	
<input type="checkbox"/> Gasoline		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur:	(Btu/gal)	
<input type="checkbox"/> Waste Oil		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur: Ash: Lead Chlorine:	(Btu/gal)	
<input type="checkbox"/> Liquid Waste *		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur: Fluorine: Chlorine:	(Btu/gal)	
<input type="checkbox"/> Other (specify):		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	: :	(Btu/gal)	

* RCRA alpha-numeric codes for Special or Hazardous Waste to be Burned:

This space was intentionally left blank.

PART D1: Solid Fuels – Coal

Part D1 identifies all variations of coal that will be used in the combustion unit.

13. Fuel Type:	14. Percent of Fuel Use <i>(by volume)</i>	15. Primary or Secondary Fuel?	16. Component Percentages:	17. Heating Value:	18. Basis:
<input type="checkbox"/> Anthracite Coal <input type="checkbox"/> <i>Anthracite</i> <input type="checkbox"/> <i>Culm</i>		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur: Ash: Moisture:	<i>(Btu/lb)</i>	<input type="checkbox"/> Dry <input type="checkbox"/> Moist
<input type="checkbox"/> Bituminous Coal		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur: Ash: Moisture:	<i>(Btu/lb)</i>	<input type="checkbox"/> Dry <input type="checkbox"/> Moist
<input type="checkbox"/> Sub-bituminous Coal		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur: Ash: Moisture:	<i>(Btu/lb)</i>	<input type="checkbox"/> Dry <input type="checkbox"/> Moist
<input type="checkbox"/> Lignite Coal		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur: Ash: Moisture:	<i>(Btu/lb)</i>	<input type="checkbox"/> Dry <input type="checkbox"/> Moist
<input type="checkbox"/> Coke		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur: Ash: Moisture:	<i>(Btu/lb)</i>	<input type="checkbox"/> Dry <input type="checkbox"/> Moist
<input type="checkbox"/> Other Coal <i>(specify):</i>		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur: Ash: Moisture:	<i>(Btu/gal)</i>	<input type="checkbox"/> Dry <input type="checkbox"/> Moist

This space was intentionally left blank.

PART D2: Other Solid Fuels

Part D2 identifies the solid fuels, other than coal, that will be used in the combustion unit.

19. Fuel Type:	20. Percent of Fuel Use <i>(by volume)</i>	21. Primary or Secondary Fuel?	22. Component Percentages:	23. Heating Value:	24. Percent Heat:
<input type="checkbox"/> Wood or Wood Waste <input type="checkbox"/> <i>Wood Only</i> <input type="checkbox"/> <i>Wood Residue Only</i> <input type="checkbox"/> <i>Wood and Wood Residue</i>		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Moisture:	<i>(Btu/ton)</i>	
<input type="checkbox"/> Tires or Tire Derived Fuel <input type="checkbox"/> <i>Whole Tires</i> <input type="checkbox"/> <i>Tire Derived Fuel</i>		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur: Chromium: Chlorine:	<i>(Btu/lb)</i>	
<input type="checkbox"/> Bagasse		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Ash: Moisture:	<i>(Btu/lb)</i>	
<input type="checkbox"/> Solid Waste *		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	:	<i>(Btu/lb)</i>	
<input type="checkbox"/> Other <i>(specify)</i> :		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	:	<i>(Btu/lb)</i>	

*RCRA alpha-numeric codes for Special or Hazardous Waste to be Burned:

PART E: Fuel Consumption Limitations

Use the space provided to specify any fuel consumption limitations that are acceptable for the combustion unit.



OAQ PROCESS INFORMATION APPLICATION
PI-02F: Combustion – Fuel Use
 State Form 52540 (R2 / 1-10)
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

IDEM – Office of Air Quality – Permits Branch
 100 N. Senate Avenue, MC 61-53 Room 1003
 Indianapolis, IN 46204-2251
 Telephone: (317) 233-0178 or
 Toll Free: 1-800-451-6027 x30178 (within Indiana)
 Facsimile Number: (317) 232-6749
www.IN.gov/idem

- NOTES:
- The purpose of this form is to identify each fuel that will be used in the combustion unit. Definitions and additional explanation of terminology are included in the instructions for this form.
 - Complete one form PI-02F for each combustion unit. If the unit has any capability of using a fuel, even if on a backup or intermittent basis, complete the applicable section. Using a fuel that is not specified in the permit is a violation of the permit.
 - Detailed instructions for this form are available on the Air Permit Application Forms website.
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PART A: Process Unit Identification

1. Unit ID: B3

PART B: Gaseous Fuels

Part B identifies the gaseous fuels that will be used in the combustion unit.

2. Fuel Type:	3. Percent of Fuel Use (by volume)	4. Primary or Secondary Fuel?	5. Component Percentages:	6. Heating Value:
<input checked="" type="checkbox"/> Natural Gas	100.00%	<input checked="" type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur: 0.00%	1020.00 (Btu/ft ³)
<input type="checkbox"/> Liquefied Petroleum Gas <input type="checkbox"/> Commercial- Propane <input type="checkbox"/> Engine Fuel Propane (HD-5) <input type="checkbox"/> Commercial- Butane		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur: Butane: Propane:	(Btu/ft ³)
<input type="checkbox"/> Process Gas *		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur:	(Btu/ft ³)
<input type="checkbox"/> Landfill Gas *		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur:	(Btu/ft ³)
<input type="checkbox"/> Other (specify):		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	: :	(Btu/ft ³)

* Indicate the source of the process or landfill gas:

PART C: Liquid Fuels

Part C identifies the liquid fuels that will be used in the combustion unit.

7. Fuel Type:	8. Percent of Fuel Use <i>(by volume)</i>	9. Primary or Secondary Fuel?	10. Component Percentages:	11. Heating Value:	12. Percent Heat:
<input type="checkbox"/> Residual Fuel Oil <input type="checkbox"/> <i>No. 5 – Heavy</i> <input type="checkbox"/> <i>No. 5 – Light</i> <input type="checkbox"/> <i>No. 6 (Bunker C)</i>		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur:	<i>(Btu/gal)</i>	
<input type="checkbox"/> Distillate Fuel Oil <input type="checkbox"/> <i>No. 1</i> <input type="checkbox"/> <i>No. 2 (Diesel)</i> <input type="checkbox"/> <i>No. 4</i>		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur:	<i>(Btu/gal)</i>	
<input type="checkbox"/> Gasoline		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur:	<i>(Btu/gal)</i>	
<input type="checkbox"/> Waste Oil		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur: Ash: Lead Chlorine:	<i>(Btu/gal)</i>	
<input type="checkbox"/> Liquid Waste *		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur: Fluorine: Chlorine:	<i>(Btu/gal)</i>	
<input type="checkbox"/> Other <i>(specify):</i>		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	: :	<i>(Btu/gal)</i>	

* RCRA alpha-numeric codes for Special or Hazardous Waste to be Burned:

This space was intentionally left blank.

PART D1: Solid Fuels – Coal

Part D1 identifies all variations of coal that will be used in the combustion unit.

13. Fuel Type:	14. Percent of Fuel Use <i>(by volume)</i>	15. Primary or Secondary Fuel?	16. Component Percentages:	17. Heating Value:	18. Basis:
<input type="checkbox"/> Anthracite Coal <input type="checkbox"/> <i>Anthracite</i> <input type="checkbox"/> <i>Culm</i>		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur: Ash: Moisture:	 <i>(Btu/lb)</i>	<input type="checkbox"/> Dry <input type="checkbox"/> Moist
<input type="checkbox"/> Bituminous Coal		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur: Ash: Moisture:	 <i>(Btu/lb)</i>	<input type="checkbox"/> Dry <input type="checkbox"/> Moist
<input type="checkbox"/> Sub-bituminous Coal		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur: Ash: Moisture:	 <i>(Btu/lb)</i>	<input type="checkbox"/> Dry <input type="checkbox"/> Moist
<input type="checkbox"/> Lignite Coal		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur: Ash: Moisture:	 <i>(Btu/lb)</i>	<input type="checkbox"/> Dry <input type="checkbox"/> Moist
<input type="checkbox"/> Coke		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur: Ash: Moisture:	 <i>(Btu/lb)</i>	<input type="checkbox"/> Dry <input type="checkbox"/> Moist
<input type="checkbox"/> Other Coal <i>(specify):</i>		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur: Ash: Moisture:	 <i>(Btu/gal)</i>	<input type="checkbox"/> Dry <input type="checkbox"/> Moist

This space was intentionally left blank.

PART D2: Other Solid Fuels

Part D2 identifies the solid fuels, other than coal, that will be used in the combustion unit.

19. Fuel Type:	20. Percent of Fuel Use <i>(by volume)</i>	21. Primary or Secondary Fuel?	22. Component Percentages:	23. Heating Value:	24. Percent Heat:
<input type="checkbox"/> Wood or Wood Waste <input type="checkbox"/> <i>Wood Only</i> <input type="checkbox"/> <i>Wood Residue Only</i> <input type="checkbox"/> <i>Wood and Wood Residue</i>		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Moisture:	<i>(Btu/ton)</i>	
<input type="checkbox"/> Tires or Tire Derived Fuel <input type="checkbox"/> <i>Whole Tires</i> <input type="checkbox"/> <i>Tire Derived Fuel</i>		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur: Chromium: Chlorine:	<i>(Btu/lb)</i>	
<input type="checkbox"/> Bagasse		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Ash: Moisture:	<i>(Btu/lb)</i>	
<input type="checkbox"/> Solid Waste *		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	:	<i>(Btu/lb)</i>	
<input type="checkbox"/> Other <i>(specify):</i>		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	:	<i>(Btu/lb)</i>	

*RCRA alpha-numeric codes for Special or Hazardous Waste to be Burned:

PART E: Fuel Consumption Limitations

Use the space provided to specify any fuel consumption limitations that are acceptable for the combustion unit.



OAQ PROCESS INFORMATION APPLICATION
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- NOTES:
- The purpose of this form is to identify each fuel that will be used in the combustion unit. Definitions and additional explanation of terminology are included in the instructions for this form.
 - Complete one form PI-02F for each combustion unit. If the unit has any capability of using a fuel, even if on a backup or intermittent basis, complete the applicable section. Using a fuel that is not specified in the permit is a violation of the permit.
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PART A: Process Unit Identification

1. Unit ID: PD1, PD2

PART B: Gaseous Fuels

Part B identifies the gaseous fuels that will be used in the combustion unit.

2. Fuel Type:	3. Percent of Fuel Use <i>(by volume)</i>	4. Primary or Secondary Fuel?	5. Component Percentages:	6. Heating Value:
<input checked="" type="checkbox"/> Natural Gas	100.00%	<input checked="" type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur: 0.00%	1000.00 (Btu/ft ³)
<input type="checkbox"/> Liquefied Petroleum Gas <input type="checkbox"/> Commercial- Propane <input type="checkbox"/> Engine Fuel Propane (HD-5) <input type="checkbox"/> Commercial- Butane		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur: Butane: Propane:	 (Btu/ft ³)
<input type="checkbox"/> Process Gas *		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur:	(Btu/ft ³)
<input type="checkbox"/> Landfill Gas *		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur:	(Btu/ft ³)
<input type="checkbox"/> Other (specify):		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	: :	(Btu/ft ³)

* Indicate the source of the process or landfill gas:

PART C: Liquid Fuels

Part C identifies the liquid fuels that will be used in the combustion unit.

7. Fuel Type:	8. Percent of Fuel Use <i>(by volume)</i>	9. Primary or Secondary Fuel?	10. Component Percentages:	11. Heating Value:	12. Percent Heat:
<input type="checkbox"/> Residual Fuel Oil <input type="checkbox"/> <i>No. 5 – Heavy</i> <input type="checkbox"/> <i>No. 5 – Light</i> <input type="checkbox"/> <i>No. 6 (Bunker C)</i>		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur:	<i>(Btu/gal)</i>	
<input type="checkbox"/> Distillate Fuel Oil <input type="checkbox"/> <i>No. 1</i> <input type="checkbox"/> <i>No. 2 (Diesel)</i> <input type="checkbox"/> <i>No. 4</i>		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur:	<i>(Btu/gal)</i>	
<input type="checkbox"/> Gasoline		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur:	<i>(Btu/gal)</i>	
<input type="checkbox"/> Waste Oil		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur: Ash: Lead Chlorine:	<i>(Btu/gal)</i>	
<input type="checkbox"/> Liquid Waste *		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur: Fluorine: Chlorine:	<i>(Btu/gal)</i>	
<input type="checkbox"/> Other <i>(specify)</i> :		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	: :	<i>(Btu/gal)</i>	

* RCRA alpha-numeric codes for Special or Hazardous Waste to be Burned:

This space was intentionally left blank.

PART D1: Solid Fuels – Coal

Part D1 identifies all variations of coal that will be used in the combustion unit.

13. Fuel Type:	14. Percent of Fuel Use <i>(by volume)</i>	15. Primary or Secondary Fuel?	16. Component Percentages:	17. Heating Value:	18. Basis:
<input type="checkbox"/> Anthracite Coal <input type="checkbox"/> <i>Anthracite</i> <input type="checkbox"/> <i>Culm</i>		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur: Ash: Moisture:	(Btu/lb)	<input type="checkbox"/> Dry <input type="checkbox"/> Moist
<input type="checkbox"/> Bituminous Coal		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur: Ash: Moisture:	(Btu/lb)	<input type="checkbox"/> Dry <input type="checkbox"/> Moist
<input type="checkbox"/> Sub-bituminous Coal		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur: Ash: Moisture:	(Btu/lb)	<input type="checkbox"/> Dry <input type="checkbox"/> Moist
<input type="checkbox"/> Lignite Coal		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur: Ash: Moisture:	(Btu/lb)	<input type="checkbox"/> Dry <input type="checkbox"/> Moist
<input type="checkbox"/> Coke		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur: Ash: Moisture:	(Btu/lb)	<input type="checkbox"/> Dry <input type="checkbox"/> Moist
<input type="checkbox"/> Other Coal <i>(specify):</i>		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur: Ash: Moisture:	(Btu/gal)	<input type="checkbox"/> Dry <input type="checkbox"/> Moist

This space was intentionally left blank.

PART D2: Other Solid Fuels

Part D2 identifies the solid fuels, other than coal, that will be used in the combustion unit.

19. Fuel Type:	20. Percent of Fuel Use <i>(by volume)</i>	21. Primary or Secondary Fuel?	22. Component Percentages:	23. Heating Value:	24. Percent Heat:
<input type="checkbox"/> Wood or Wood Waste <input type="checkbox"/> <i>Wood Only</i> <input type="checkbox"/> <i>Wood Residue Only</i> <input type="checkbox"/> <i>Wood and Wood Residue</i>		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Moisture:	<i>(Btu/ton)</i>	
<input type="checkbox"/> Tires or Tire Derived Fuel <input type="checkbox"/> <i>Whole Tires</i> <input type="checkbox"/> <i>Tire Derived Fuel</i>		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur: Chromium: Chlorine:	<i>(Btu/lb)</i>	
<input type="checkbox"/> Bagasse		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Ash: Moisture:	<i>(Btu/lb)</i>	
<input type="checkbox"/> Solid Waste *		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	: :	<i>(Btu/lb)</i>	
<input type="checkbox"/> Other <i>(specify)</i> :		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	: :	<i>(Btu/lb)</i>	

*RCRA alpha-numeric codes for Special or Hazardous Waste to be Burned:

PART E: Fuel Consumption Limitations

Use the space provided to specify any fuel consumption limitations that are acceptable for the combustion unit.



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- NOTES:
- The purpose of this form is to identify each fuel that will be used in the combustion unit. Definitions and additional explanation of terminology are included in the instructions for this form.
 - Complete one form PI-02F for each combustion unit. If the unit has any capability of using a fuel, even if on a backup or intermittent basis, complete the applicable section. Using a fuel that is not specified in the permit is a violation of the permit.
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PART A: Process Unit Identification

1. Unit ID: PD3, PD4

PART B: Gaseous Fuels

Part B identifies the gaseous fuels that will be used in the combustion unit.

2. Fuel Type:	3. Percent of Fuel Use (by volume)	4. Primary or Secondary Fuel?	5. Component Percentages:	6. Heating Value:
<input checked="" type="checkbox"/> Natural Gas	100.00%	<input checked="" type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur: 0.00%	1000.00 (Btu/ft ³)
<input type="checkbox"/> Liquefied Petroleum Gas <input type="checkbox"/> Commercial- Propane <input type="checkbox"/> Engine Fuel Propane (HD-5) <input type="checkbox"/> Commercial- Butane		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur: Butane: Propane:	(Btu/ft ³)
<input type="checkbox"/> Process Gas *		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur:	(Btu/ft ³)
<input type="checkbox"/> Landfill Gas *		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur:	(Btu/ft ³)
<input type="checkbox"/> Other (specify):		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	:	(Btu/ft ³)

* Indicate the source of the process or landfill gas:

PART C: Liquid Fuels

Part C identifies the liquid fuels that will be used in the combustion unit.

7. Fuel Type:	8. Percent of Fuel Use (by volume)	9. Primary or Secondary Fuel?	10. Component Percentages:	11. Heating Value:	12. Percent Heat:
<input type="checkbox"/> Residual Fuel Oil <input type="checkbox"/> No. 5 – Heavy <input type="checkbox"/> No. 5 – Light <input type="checkbox"/> No. 6 (Bunker C)		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur:	(Btu/gal)	
<input type="checkbox"/> Distillate Fuel Oil <input type="checkbox"/> No. 1 <input type="checkbox"/> No. 2 (Diesel) <input type="checkbox"/> No. 4		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur:	(Btu/gal)	
<input type="checkbox"/> Gasoline		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur:	(Btu/gal)	
<input type="checkbox"/> Waste Oil		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur: Ash: Lead Chlorine:	(Btu/gal)	
<input type="checkbox"/> Liquid Waste *		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur: Fluorine: Chlorine:	(Btu/gal)	
<input type="checkbox"/> Other (specify):		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	: :	(Btu/gal)	

* RCRA alpha-numeric codes for Special or Hazardous Waste to be Burned:

This space was intentionally left blank.

PART D1: Solid Fuels – Coal

Part D1 identifies all variations of coal that will be used in the combustion unit.

13. Fuel Type:	14. Percent of Fuel Use <i>(by volume)</i>	15. Primary or Secondary Fuel?	16. Component Percentages:	17. Heating Value:	18. Basis:
<input type="checkbox"/> Anthracite Coal <input type="checkbox"/> <i>Anthracite</i> <input type="checkbox"/> <i>Culm</i>		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur: Ash: Moisture:	<i>(Btu/lb)</i>	<input type="checkbox"/> Dry <input type="checkbox"/> Moist
<input type="checkbox"/> Bituminous Coal		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur: Ash: Moisture:	<i>(Btu/lb)</i>	<input type="checkbox"/> Dry <input type="checkbox"/> Moist
<input type="checkbox"/> Sub-bituminous Coal		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur: Ash: Moisture:	<i>(Btu/lb)</i>	<input type="checkbox"/> Dry <input type="checkbox"/> Moist
<input type="checkbox"/> Lignite Coal		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur: Ash: Moisture:	<i>(Btu/lb)</i>	<input type="checkbox"/> Dry <input type="checkbox"/> Moist
<input type="checkbox"/> Coke		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur: Ash: Moisture:	<i>(Btu/lb)</i>	<input type="checkbox"/> Dry <input type="checkbox"/> Moist
<input type="checkbox"/> Other Coal <i>(specify):</i>		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur: Ash: Moisture:	<i>(Btu/gal)</i>	<input type="checkbox"/> Dry <input type="checkbox"/> Moist

This space was intentionally left blank.

PART D2: Other Solid Fuels

Part D2 identifies the solid fuels, other than coal, that will be used in the combustion unit.

19. Fuel Type:	20. Percent of Fuel Use <i>(by volume)</i>	21. Primary or Secondary Fuel?	22. Component Percentages:	23. Heating Value:	24. Percent Heat:
<input type="checkbox"/> Wood or Wood Waste <input type="checkbox"/> <i>Wood Only</i> <input type="checkbox"/> <i>Wood Residue Only</i> <input type="checkbox"/> <i>Wood and Wood Residue</i>		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Moisture:	<i>(Btu/ton)</i>	
<input type="checkbox"/> Tires or Tire Derived Fuel <input type="checkbox"/> <i>Whole Tires</i> <input type="checkbox"/> <i>Tire Derived Fuel</i>		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Sulfur: Chromium: Chlorine:	<i>(Btu/lb)</i>	
<input type="checkbox"/> Bagasse		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	Ash: Moisture:	<i>(Btu/lb)</i>	
<input type="checkbox"/> Solid Waste *		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	: :	<i>(Btu/lb)</i>	
<input type="checkbox"/> Other <i>(specify)</i> :		<input type="checkbox"/> Primary <input type="checkbox"/> Secondary	: :	<i>(Btu/lb)</i>	

*RCRA alpha-numeric codes for Special or Hazardous Waste to be Burned:

PART E: Fuel Consumption Limitations

Use the space provided to specify any fuel consumption limitations that are acceptable for the combustion unit.



OAQ PROCESS INFORMATION APPLICATION
PI-02G: Combustion – Emission Factors
 State Form 52541 (R2 / 1-10)
 INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

IDEM – Office of Air Quality – Permits Branch
 100 N. Senate Avenue, MC 61-53 Room 1003
 Indianapolis, IN 46204-2251
 Telephone: (317) 233-0178 or
 Toll Free: 1-800-451-6027 x30178 (within Indiana)
 Facsimile Number: (317) 232-6749
www.IN.gov/idem

NOTES:

- The purpose of this form is to specify the emission factors used to calculate potential to emit from the combustion unit.
- Complete one PI-02G form for each emissions unit. If there are multiple emission units that are identical in nature, capacity, and use, you may use one PI-02G form to summarize the units.
- Detailed instructions for this form are available on the Air Permit Application Forms website.
- All information submitted to IDEM will be made available to the public unless it is submitted under a claim of confidentiality. Claims of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in 326 IAC 17.1-4-1. Failure to follow these requirements exactly will result in your information becoming a public record, available for anyone to inspect and photocopy.

Emission Factors			
This table identifies all emission factors used to calculate air emissions from the combustion unit.			
1. Unit ID: B1, B2			
2. Air Pollutant:	3. Emission Factor		4. Source of Emission Factor <i>(if not using AP-42, include calculations)</i>
	<i>value</i>	<i>units</i>	
Carbon Monoxide (CO)	84.00	lb/MMSC F	<input checked="" type="checkbox"/> AP-42 <input type="checkbox"/> Other <input type="checkbox"/> N/A
Lead (Pb)	0.50	lb/1,000 MMSCF	<input checked="" type="checkbox"/> AP-42 <input type="checkbox"/> Other <input type="checkbox"/> N/A
Hazardous Air Pollutant (HAP) <i>(specify):</i> TOTAL	1.88	lb/MMSC F	<input checked="" type="checkbox"/> AP-42 <input type="checkbox"/> Other <input type="checkbox"/> N/A
Nitrogen Oxides (NO _x)	50.00	lb/MMSC F	<input checked="" type="checkbox"/> AP-42 <input type="checkbox"/> Other <input type="checkbox"/> N/A
Mercury (Hg)	0.26	lb/1,000 MMSCF	<input checked="" type="checkbox"/> AP-42 <input type="checkbox"/> Other <input type="checkbox"/> N/A
Particulate Matter (PM)	7.60	lb/MMSC F	<input checked="" type="checkbox"/> AP-42 <input type="checkbox"/> Other <input type="checkbox"/> N/A
Particulate Matter less than 10µm (PM ₁₀)	7.60	lb/MMSC F	<input checked="" type="checkbox"/> AP-42 <input type="checkbox"/> Other <input type="checkbox"/> N/A
Particulate Matter less than 2.5µm (PM _{2.5})	7.60	lb/MMSC F	<input checked="" type="checkbox"/> AP-42 <input type="checkbox"/> Other <input type="checkbox"/> N/A
Sulfur Dioxide (SO ₂)	0.60	lb/MMSC F	<input checked="" type="checkbox"/> AP-42 <input type="checkbox"/> Other <input type="checkbox"/> N/A
Volatile Organic Compounds (VOC)	5.50	lb/MMSC F	<input checked="" type="checkbox"/> AP-42 <input type="checkbox"/> Other <input type="checkbox"/> N/A
Other <i>(specify):</i> Hexane (HAP)	1.80	lb/MMSC F	<input checked="" type="checkbox"/> AP-42 <input type="checkbox"/> Other <input type="checkbox"/> N/A
Other <i>(specify):</i> Formaldehyde (HAP)	0.08	lb/MMSC F	<input checked="" type="checkbox"/> AP-42 <input type="checkbox"/> Other <input type="checkbox"/> N/A
Other <i>(specify):</i> See AP-42 for other trace HAPs			<input type="checkbox"/> AP-42 <input type="checkbox"/> Other <input type="checkbox"/> N/A

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OAQ PROCESS INFORMATION APPLICATION
PI-02G: Combustion – Emission Factors
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 INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

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 Facsimile Number: (317) 232-6749
www.IN.gov/idem

NOTES:

- The purpose of this form is to specify the emission factors used to calculate potential to emit from the combustion unit.
- Complete one PI-02G form for each emissions unit. If there are multiple emission units that are identical in nature, capacity, and use, you may use one PI-02G form to summarize the units.
- Detailed instructions for this form are available on the Air Permit Application Forms website.
- All information submitted to IDEM will be made available to the public unless it is submitted under a claim of confidentiality. Claims of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in 326 IAC 17.1-4-1. Failure to follow these requirements exactly will result in your information becoming a public record, available for anyone to inspect and photocopy.

Emission Factors					
This table identifies all emission factors used to calculate air emissions from the combustion unit.					
1. Unit ID: B3					
2. Air Pollutant:	3. Emission Factor		4. Source of Emission Factor <i>(if not using AP-42, include calculations)</i>		
	value	units			
Carbon Monoxide (CO)	84.00	lb/MMSC F	<input checked="" type="checkbox"/> AP-42	<input type="checkbox"/> Other	<input type="checkbox"/> N/A
Lead (Pb)	0.50	lb/1,000 MMSCF	<input checked="" type="checkbox"/> AP-42	<input type="checkbox"/> Other	<input type="checkbox"/> N/A
Hazardous Air Pollutant (HAP) <i>(specify):</i> TOTAL	1.88	lb/MMSC F	<input checked="" type="checkbox"/> AP-42	<input type="checkbox"/> Other	<input type="checkbox"/> N/A
Nitrogen Oxides (NO _x)	50.00	lb/MMSC F	<input checked="" type="checkbox"/> AP-42	<input type="checkbox"/> Other	<input type="checkbox"/> N/A
Mercury (Hg)	0.26	lb/1,000 MMSCF	<input type="checkbox"/> AP-42	<input type="checkbox"/> Other	<input type="checkbox"/> N/A
Particulate Matter (PM)	7.60	lb/MMSC F	<input checked="" type="checkbox"/> AP-42	<input type="checkbox"/> Other	<input type="checkbox"/> N/A
Particulate Matter less than 10µm (PM ₁₀)	7.60	lb/MMSC F	<input checked="" type="checkbox"/> AP-42	<input type="checkbox"/> Other	<input type="checkbox"/> N/A
Particulate Matter less than 2.5µm (PM _{2.5})	7.60	lb/MMSC F	<input checked="" type="checkbox"/> AP-42	<input type="checkbox"/> Other	<input type="checkbox"/> N/A
Sulfur Dioxide (SO ₂)	0.60	lb/MMSC F	<input checked="" type="checkbox"/> AP-42	<input type="checkbox"/> Other	<input type="checkbox"/> N/A
Volatile Organic Compounds (VOC)	5.50	lb/MMSC F	<input checked="" type="checkbox"/> AP-42	<input type="checkbox"/> Other	<input type="checkbox"/> N/A
Other <i>(specify):</i> Hexane (HAP)	1.80	lb/MMSC F	<input checked="" type="checkbox"/> AP-42	<input type="checkbox"/> Other	<input type="checkbox"/> N/A
Other <i>(specify):</i> Formaldehyde (HAP)	0.08	lb/MMSC F	<input checked="" type="checkbox"/> AP-42	<input type="checkbox"/> Other	<input type="checkbox"/> N/A
Other <i>(specify):</i> See AP-42 for other trace HAPs			<input type="checkbox"/> AP-42	<input type="checkbox"/> Other	<input type="checkbox"/> N/A

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OAQ PROCESS INFORMATION APPLICATION
PI-02G: Combustion – Emission Factors
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 INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

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NOTES:

- The purpose of this form is to specify the emission factors used to calculate potential to emit from the combustion unit.
- Complete one PI-02G form for each emissions unit. If there are multiple emission units that are identical in nature, capacity, and use, you may use one PI-02G form to summarize the units.
- Detailed instructions for this form are available on the Air Permit Application Forms website.
- All information submitted to IDEM will be made available to the public unless it is submitted under a claim of confidentiality. Claims of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in 326 IAC 17.1-4-1. Failure to follow these requirements exactly will result in your information becoming a public record, available for anyone to inspect and photocopy.

Emission Factors					
This table identifies all emission factors used to calculate air emissions from the combustion unit.					
1. Unit ID: D3-DR-101, D3-DR-201					
2. Air Pollutant:	3. Emission Factor		4. Source of Emission Factor <i>(if not using AP-42, include calculations)</i>		
	<i>value</i>	<i>units</i>			
Carbon Monoxide (CO)	84.00	lb/MMSC F	<input checked="" type="checkbox"/> AP-42	<input type="checkbox"/> Other	<input type="checkbox"/> N/A
Lead (Pb)	0.50	lb/1,000 MMSCF	<input checked="" type="checkbox"/> AP-42	<input type="checkbox"/> Other	<input type="checkbox"/> N/A
Hazardous Air Pollutant (HAP) <i>(specify):</i> TOTAL	1.88	lb/MMSC F	<input checked="" type="checkbox"/> AP-42	<input type="checkbox"/> Other	<input type="checkbox"/> N/A
Nitrogen Oxides (NO _x)	50.00	lb/MMSC F	<input checked="" type="checkbox"/> AP-42	<input type="checkbox"/> Other	<input type="checkbox"/> N/A
Mercury (Hg)	0.26	lb/1,000 MSCF	<input checked="" type="checkbox"/> AP-42	<input type="checkbox"/> Other	<input type="checkbox"/> N/A
Particulate Matter (PM)	7.60	lb/MMSC F	<input checked="" type="checkbox"/> AP-42	<input type="checkbox"/> Other	<input type="checkbox"/> N/A
Particulate Matter less than 10µm (PM ₁₀)	7.60	lb/MMSC F	<input checked="" type="checkbox"/> AP-42	<input type="checkbox"/> Other	<input type="checkbox"/> N/A
Particulate Matter less than 2.5µm (PM _{2.5})	7.60	lb/MMSC F	<input checked="" type="checkbox"/> AP-42	<input type="checkbox"/> Other	<input type="checkbox"/> N/A
Sulfur Dioxide (SO ₂)	0.60	lb/MMSC F	<input checked="" type="checkbox"/> AP-42	<input type="checkbox"/> Other	<input type="checkbox"/> N/A
Volatile Organic Compounds (VOC)	5.50	lb/MMSC F	<input checked="" type="checkbox"/> AP-42	<input type="checkbox"/> Other	<input type="checkbox"/> N/A
Other <i>(specify):</i> Hexane (HAP)	1.80	lb/MMSC F	<input checked="" type="checkbox"/> AP-42	<input type="checkbox"/> Other	<input type="checkbox"/> N/A
Other <i>(specify):</i> Formaldehyde (HAP)	0.08	lb/MMSC F	<input checked="" type="checkbox"/> AP-42	<input type="checkbox"/> Other	<input type="checkbox"/> N/A
Other <i>(specify):</i> See AP-42 for other trace HAPs			<input type="checkbox"/> AP-42	<input type="checkbox"/> Other	<input type="checkbox"/> N/A

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OAQ PROCESS INFORMATION APPLICATION
PI-02G: Combustion – Emission Factors
 State Form 52541 (R2 / 1-10)
 INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

IDEM – Office of Air Quality – Permits Branch
 100 N. Senate Avenue, MC 61-53 Room 1003
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 Facsimile Number: (317) 232-6749
www.IN.gov/idem

NOTES:

- The purpose of this form is to specify the emission factors used to calculate potential to emit from the combustion unit.
- Complete one PI-02G form for each emissions unit. If there are multiple emission units that are identical in nature, capacity, and use, you may use one PI-02G form to summarize the units.
- Detailed instructions for this form are available on the Air Permit Application Forms website.
- All information submitted to IDEM will be made available to the public unless it is submitted under a claim of confidentiality. Claims of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in 326 IAC 17.1-4-1. Failure to follow these requirements exactly will result in your information becoming a public record, available for anyone to inspect and photocopy.

Emission Factors					
This table identifies all emission factors used to calculate air emissions from the combustion unit.					
1. Unit ID: D3-DR-300, D3-DR-400					
2. Air Pollutant:	3. Emission Factor		4. Source of Emission Factor <i>(if not using AP-42, include calculations)</i>		
	<i>value</i>	<i>units</i>			
Carbon Monoxide (CO)	84.00	lb/MMSC F	<input checked="" type="checkbox"/> AP-42	<input type="checkbox"/> Other	<input type="checkbox"/> N/A
Lead (Pb)	0.50	lb/1,000 MMSCF	<input checked="" type="checkbox"/> AP-42	<input type="checkbox"/> Other	<input type="checkbox"/> N/A
Hazardous Air Pollutant (HAP) <i>(specify):</i> TOTAL	1.88	lb/MMSC F	<input checked="" type="checkbox"/> AP-42	<input type="checkbox"/> Other	<input type="checkbox"/> N/A
Nitrogen Oxides (NO _x)	50.00	lb/MMSC F	<input checked="" type="checkbox"/> AP-42	<input type="checkbox"/> Other	<input type="checkbox"/> N/A
Mercury (Hg)	0.26	lb/1,000 MMSCF	<input checked="" type="checkbox"/> AP-42	<input type="checkbox"/> Other	<input type="checkbox"/> N/A
Particulate Matter (PM)	7.60	lb/MMSC F	<input checked="" type="checkbox"/> AP-42	<input type="checkbox"/> Other	<input type="checkbox"/> N/A
Particulate Matter less than 10µm (PM ₁₀)	7.60	lb/MMSC F	<input checked="" type="checkbox"/> AP-42	<input type="checkbox"/> Other	<input type="checkbox"/> N/A
Particulate Matter less than 2.5µm (PM _{2.5})	7.60	lb/MMSC F	<input checked="" type="checkbox"/> AP-42	<input type="checkbox"/> Other	<input type="checkbox"/> N/A
Sulfur Dioxide (SO ₂)	0.60	lb/MMSC F	<input checked="" type="checkbox"/> AP-42	<input type="checkbox"/> Other	<input type="checkbox"/> N/A
Volatile Organic Compounds (VOC)	5.50	lb/MMSC F	<input checked="" type="checkbox"/> AP-42	<input type="checkbox"/> Other	<input type="checkbox"/> N/A
Other <i>(specify):</i> Hexane (HAP)	1.80	lb/MMSC F	<input checked="" type="checkbox"/> AP-42	<input type="checkbox"/> Other	<input type="checkbox"/> N/A
Other <i>(specify):</i> Formaldehyde (HAP)	0.08	lb/MMSC F	<input checked="" type="checkbox"/> AP-42	<input type="checkbox"/> Other	<input type="checkbox"/> N/A
Other <i>(specify):</i> See AP-42 for other trace HAPs			<input type="checkbox"/> AP-42	<input type="checkbox"/> Other	<input type="checkbox"/> N/A

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OAQ PROCESS INFORMATION APPLICATION
PI-02H: Combustion – Federal Rule Applicability
 State Form 52542 (R2 / 1-10)
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

IDEM – Office of Air Quality – Permits Branch
 100 N. Senate Avenue, MC 61-53 Room 1003
 Indianapolis, IN 46204-2251
 Telephone: (317) 233-0178 or
 Toll Free: 1-800-451-6027 x30178 (within Indiana)
 Facsimile Number: (317) 232-6749
 www.IN.gov/idem

NOTES:

- The purpose of this form is to identify any federal rules that apply to the emission unit.
- Complete one PI-02H form for each emissions unit. If there are multiple emission units that are identical in nature, capacity, and use, you may use one PI-02H form to summarize the units.
- Detailed instructions for this form are available on the Air Permit Application Forms website.
- All information submitted to IDEM will be made available to the public unless it is submitted under a claim of confidentiality. Claims of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in 326 IAC 17.1-4-1. Failure to follow these requirements exactly will result in your information becoming a public record, available for anyone to inspect and photocopy.

Federal Rule Applicability		
This table identifies any federal rules that apply to the process.		
1. Is a New Source Performance Standard (NSPS) applicable to this source? <i>If yes, attach a completed FED-01 for each rule that applies.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Unit IDs
<input type="checkbox"/> 40 CFR Part 60, Subpart Cb	Large Municipal Waste Combustors <i>(constructed before 9/20/1994)</i>	
<input type="checkbox"/> 40 CFR Part 60, Subpart Ce	Hospital/Medical/Infectious Waste Incinerators	
<input type="checkbox"/> 40 CFR Part 60, Subpart D	Fossil-Fuel-Fired Steam Generators <i>(constructed after 8/17/1971)</i>	
<input type="checkbox"/> 40 CFR Part 60, Subpart Da	Electric Utility Steam Generating Units <i>(constructed after 9/18/1978)</i>	
<input type="checkbox"/> 40 CFR Part 60, Subpart Db	Industrial-Commercial-Institutional Generating Units	
<input type="checkbox"/> 40 CFR Part 60, Subpart Dc	Small Industrial-Commercial-Institutional Generating Units	
<input type="checkbox"/> 40 CFR Part 60, Subpart E	Incinerators	
<input type="checkbox"/> 40 CFR Part 60, Subpart Ea	Municipal Waste Combustors <i>(constructed after 12/20/1989 and before 9/20/1994)</i>	
<input type="checkbox"/> 40 CFR Part 60, Subpart Eb	Large Municipal Waste Combustors <i>(constructed after 9/20/1994 or modified / reconstructed after 6/19/1996)</i>	
<input type="checkbox"/> 40 CFR Part 60, Subpart Ec	Hospital/Medical/Infectious Waste Incinerators <i>(constructed after 6/20/1996)</i>	
<input type="checkbox"/> 40 CFR Part 60, Subpart O	Sewage Treatment Plants <i>(sludge burners)</i>	
<input type="checkbox"/> 40 CFR Part 60, Subpart Y	Coal Preparation Plants	
<input type="checkbox"/> 40 CFR Part 60, Subpart GG	Stationary Gas Turbines	
<input type="checkbox"/> 40 CFR Part 60, Subpart AAA	New Residential Wood Heaters	
<input type="checkbox"/> 40 CFR Part 60, Subpart AAAA	Small Municipal Waste Combustion Units <i>(constructed after 8/30/1999 or modified / reconstructed after 6/6/2001)</i>	
<input type="checkbox"/> 40 CFR Part 60, Subpart BBBB	Small Municipal Waste Combustion Units <i>(constructed on or before 8/30/1999)</i>	
<input type="checkbox"/> 40 CFR Part 60, Subpart CCCC	Commercial and Industrial Solid Waste Incineration Units <i>(constructed after 11/30/1999 or modified / reconstructed after 6/1/2001)</i>	
<input type="checkbox"/> 40 CFR Part 60, Subpart DDDD	Commercial and Industrial Solid Waste Incineration Units <i>(constructed on or before 11/30/1999)</i>	
<input type="checkbox"/> 40 CFR Part 60, Subpart KKKK	Stationary Combustion Turbines	

Federal Rule Applicability (continued)

This table identifies any federal rules that apply to the process.

3. Is a National Emission Standard for Hazardous Air Pollutants (NESHAP) applicable to this source? <i>If yes, attach a completed FED-01 for each rule that applies.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	4. Unit IDs
<input type="checkbox"/> 40 CFR Part 63, Subpart MM	Combustion Sources at Kraft, Soda, and Sulfite Pulp & Paper Mills	
<input type="checkbox"/> 40 CFR Part 63, Subpart EEE	Hazardous Waste Combustion	
<input type="checkbox"/> 40 CFR Part 63, Subpart YYYY	Stationary Combustion Turbines	
<input checked="" type="checkbox"/> 40 CFR Part 63, Subpart ZZZZ	Reciprocating Internal Combustion Engines (RICE)	EM ICE - FP
<input type="checkbox"/> 40 CFR Part 63, Subpart DDDDD	Industrial, Commercial, and Institutional Boilers and Process Heaters	

5. Non-Applicability Determination: *Provide an explanation if the process unit appears subject to a rule (based on the rule title or the source category), but the rule will not apply.*

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OAQ PROCESS INFORMATION APPLICATION
PI-03: Storage & Handling of Bulk Material
 State Form 52543 (R2 / 1-10)
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

IDEM – Office of Air Quality – Permits Branch
 100 N. Senate Avenue, MC 61-53 Room 1003
 Indianapolis, IN 46204-2251
 Telephone: (317) 233-0178 or
 Toll Free: 1-800-451-6027 x30178 (within Indiana)
 Facsimile Number: (317) 232-6749
 www.IN.gov/idem

NOTES:

- The purpose of this form is to obtain detailed information about the storage and handling of bulk materials. Complete one form for each process (or group of identical processes). Use additional forms if necessary. This is a required form.
- Detailed instructions for this form are available on the Air Permit Application Forms website.
- All information submitted to IDEM will be made available to the public unless it is submitted under a claim of confidentiality. Claims of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in 326 IAC 17.1-4-1. Failure to follow these requirements exactly will result in your information becoming a public record, available for anyone to inspect and photocopy.

PART A: Storage & Handling Information					
Part A identifies all process units associated with storage and handling process for bulk materials. If there are multiple process units that are identical in nature, capacity, and use, you may use one form to summarize the data.					
1. Equipment / Component Type	2. Unit ID	3. Number of Identical Units	4. Installation Date <i>(see instructions)</i>	5. Material Handled/ Stored	6. Maximum Materials Throughput Rate <i>(tons/year)</i>
Grain Elevators/Silos	GR			Various Grains	225,000 total
7. Add-On Control Technology: <i>Identify all control technologies used for this unit, and attach completed CE-01 (unless "none").</i> <input type="checkbox"/> None <input checked="" type="checkbox"/> Baghouse / Fabric Filter – <i>Attach CE-02.</i> <input type="checkbox"/> Cyclone – <i>Attach CE-03.</i> <input type="checkbox"/> Electrostatic Precipitator – <i>Attach CE-04.</i> <input type="checkbox"/> Absorption / Wet Collector / Scrubber – <i>Attach CE-05.</i> <input type="checkbox"/> Adsorber – <i>Attach CE-07.</i> <input type="checkbox"/> Other (<i>specify</i>): – <i>Attach CE-10.</i>					
8. Control Techniques: <i>Identify any other air emission control options used for the process.</i> Grain Receiving units are loaded either pneumatically or via enclosed conveyors. Loading/batching operations are controlled by a dust collector.					
9. Process Limitations / Additional Information: <i>Identify any acceptable process limitations. Attach additional information if necessary.</i>					

PART B: Process Material Information

Part B summarizes the process material information. Provide the information in the items below for each material stored and/or handled in this process.

10. Material Handled/Stored <i>(from table above)</i>	11. Method of Handling	12. Type of Storage	13. Storage Capacity <i>(tons)</i>	14. Pile Acreage	15. Silt Content <i>(% by weight)</i>	16. Moisture Content <i>(% by weight)</i>
See attached grain storage summary table.						

PART C: Emission Factors

Part C identifies all emission factors used to calculate air emissions from the process units listed on this form.

17. Process Equipment & ID <i>(complete for all units listed in Part A of this form)</i>	18. Air Pollutant	19. Emission Factor		20. Source of Emission Factor <i>(if not using AP-42, include calculations)</i>	
		value	units		
GR	PM	10.00	lb/1000 ton	<input checked="" type="checkbox"/> AP-42	<input type="checkbox"/> Other
GR	PM-10	2.50	lb/1000 ton	<input checked="" type="checkbox"/> AP-42	<input type="checkbox"/> Other
GR	PM-2.5	2.50	lb/1000 ton	<input checked="" type="checkbox"/> AP-42	<input type="checkbox"/> Other
				<input type="checkbox"/> AP-42	<input type="checkbox"/> Other

PART D: Federal Rule Applicability

Part D identifies any federal rules that apply to the process.

21. Is a **New Source Performance Standard (NSPS)** applicable to this source? Yes No
If yes, attach a completed FED-01 for each rule that applies.

- 40 CFR Part 60, Subpart CC Glass Manufacturing Plants
- 40 CFR Part 60, Subpart DD Grain Elevators
- 40 CFR Part 60, Subpart HH Lime Manufacturing Plants
- 40 CFR Part 60, Subpart LL Metallic Mineral Processing Plants
- 40 CFR Part 60, Subpart UU Asphalt Processing and Asphalt Roofing Manufacture
- 40 CFR Part 60, Subpart OOO Non-Metallic Mineral Processing Plants
- 40 CFR Part 60, Subpart UUU Calciners and Dryers in Mineral Industries

22. Is a **National Emission Standard for Hazardous Air Pollutants (NESHAP)** applicable to this source? Yes No
If yes, attach a completed FED-01 for each rule that applies.

- 40 CFR Part 61, Subpart _____ *(Specify):*
- 40 CFR Part 63, Subpart _____ *(Specify):*

23. **Non-Applicability Determination:** Provide an explanation if the process unit appears subject to a rule (based on the rule title or the source category), but the rule will not apply.

NSPS is not applicable as the grain elevators are not new sources.



OAQ PROCESS INFORMATION APPLICATION
PI-12: Grain Elevators
 State Form 52552 (R2 / 1-10)
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

IDEM – Office of Air Quality – Permits Branch
 100 N. Senate Avenue, MC 61-53 Room 1003
 Indianapolis, IN 46204-2251
 Telephone: (317) 233-0178 or
 Toll Free: 1-800-451-6027 x30178 (within Indiana)
 Facsimile Number: (317) 232-6749
 www.IN.gov/idem

NOTES:

- The purpose of this form is to obtain detailed information about the grain elevator process. Complete one form for each elevator (or group of identical elevators). Use additional forms as necessary. This is a required form.
- Detailed instructions for this form are available on the Air Permit Application Forms website.
- All information submitted to IDEM will be made available to the public unless it is submitted under a claim of confidentiality. Claims of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in 326 IAC 17.1-4-1. Failure to follow these requirements exactly will result in your information becoming a public record, available for anyone to inspect and photocopy.

PART A: Grain Elevator Summary

Part A summarizes the main parameters of the grain elevator operation.

1. Process Installation Date:
(actual or anticipated)

2. Grain Variety: <i>(check all that apply)</i>	3. Maximum Processing Rate: <i>(bushels/year)</i>	4. Is the Grain Cleaned prior to processing?
<input checked="" type="checkbox"/> Corn	68,157,714 lb/year	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes: % cleaned: 100.00%
<input type="checkbox"/> Soybeans		<input type="checkbox"/> No <input type="checkbox"/> Yes: % cleaned:
<input checked="" type="checkbox"/> Wheat	47234131.00	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes: % cleaned: 100
<input type="checkbox"/> Oats		<input type="checkbox"/> No <input type="checkbox"/> Yes: % cleaned:
<input checked="" type="checkbox"/> Other: Rice	See Complete Grain Receiving Summary Table	<input type="checkbox"/> No <input type="checkbox"/> Yes: % cleaned:

5. Is the Receiving Area open or enclosed? Open Enclosed

6. Loading Source: Truck (100.00%) Rail () Barge ()
(check all that apply and indicate the percentage)
 Other: ()

PART B: Storage Details

Part B details the parameters specific to the drying operations of the grain elevator. If there are multiple process units that are identical in nature, capacity, and use, you may use one form to summarize the data for the identical process units.

7. Storage Units: <i>(check all that apply)</i>	8. Quantity:	9. Unit ID(s):	10. Number of Times Filled Annually:	11. Storage Capacity: <i>(bushels)</i>
<input checked="" type="checkbox"/> Silo(s)				
<input checked="" type="checkbox"/> Bin(s)				
<input type="checkbox"/> Other <i>(specify):</i>				
Total Storage Capacity:				

PART C: Grain Handling System Details

Part C details the parameters specific to the drying operations of the grain elevator. If there are multiple process units that are identical in nature, capacity, and use, you may use one form to summarize the data for the identical process units.

12. Grain Handling System: <i>(check all that apply)</i>	13. Quantity:	14. Unit ID(s):	15. Are the Conveyors Totally Enclosed?	16. Are the Transfer Points Totally Enclosed?
<input type="checkbox"/> Auger			<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Belt Conveyor			<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Bucket Conveyor			<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Drag Conveyor			<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input checked="" type="checkbox"/> Pneumatic			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Other <i>(specify):</i>			<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No

17. Spout Type: Fixed Down Spout Telescope Down Spout Dead Box Other:

PART D: Dryer Details

Part D details the parameters specific to the drying operations of the grain elevator. If there are multiple process units that are identical in nature, capacity, and use, you may use one form to summarize the data for the identical process units.

18. Dryer Types: <i>(check all that apply)</i>	19. Quantity:	20. Unit ID(s):	21. Dryer Specific Parameters:	22. Fuel Used: <i>(If "other", attach completed PI-02F form.)</i>
<input type="checkbox"/> Column Dryer			Plate Perforation Diameter <i>(specify units):</i>	<input type="checkbox"/> NA <input type="checkbox"/> Natural Gas only <input type="checkbox"/> Other
<input checked="" type="checkbox"/> Rack Dryer			Mesh Size <i>(specify units):</i>	<input type="checkbox"/> NA <input checked="" type="checkbox"/> Natural Gas only <input type="checkbox"/> Other
<input type="checkbox"/> Other <i>(specify):</i>			Drying Technique <i>(specify):</i>	<input type="checkbox"/> NA <input type="checkbox"/> Natural Gas only <input type="checkbox"/> Other

PART E: Emission Factors

Part E identifies all emission factors used to calculate air emissions from this process.

23. Process Unit: <i>(& ID if applicable)</i>	24. Air Pollutant:	25. Emission Factor:		26. Source of Emission Factor <i>(if not using AP-42, include calculations)</i>
		value	units	
GR	PM-10	2.50	lb/1000 ton	<input checked="" type="checkbox"/> AP-42 <input type="checkbox"/> Other
GD	PM-10	750.00	lb/1000 ton	<input checked="" type="checkbox"/> AP-42 <input type="checkbox"/> Other
GR	PM-2.5	2.50	lb/1000 ton	<input checked="" type="checkbox"/> AP-42 <input type="checkbox"/> Other
GD	PM-2.5	130.00	lb/1000 ton	<input checked="" type="checkbox"/> AP-42 <input type="checkbox"/> Other

				<input type="checkbox"/> AP-42	<input type="checkbox"/> Other
--	--	--	--	--------------------------------	--------------------------------

PART F: Control Technology

Part F identifies the methods used to control emissions from this process.

27. Are hopper emissions controlled? Receiving Area only Grain Processing only
 All area are controlled No areas are controlled

28. Add-On Control Technology: *Identify all control technologies used for this unit, and attach completed CE-01 (unless "none").*

None
 Baghouse / Fabric Filter – *Attach CE-02.* Cyclone – *Attach CE-03.*
 Other *(specify):* _____ – *Attach CE-10.*

29. Control Techniques: *Identify all control techniques used for this process.*

30. Process Limitations / Additional Information: *Identify any acceptable process limitations. Attach additional information if necessary.*

PART G: Federal Rule Applicability

Part G identifies any federal rules that apply to the process.

31. Is a New Source Performance Standard (NSPS) applicable to this source? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>Attach a completed FED-01 for each rule that applies.</i>	32. Unit IDs
<input type="checkbox"/> 40 CFR Part 60, Subpart DD Grain Elevators	
<input type="checkbox"/> 40 CFR Part 60, Subpart OOO Non-Metallic Mineral Processing Plants	
<input type="checkbox"/> 40 CFR Part 60, Subpart UUU Calciners and Dryers in Mineral Industries	
33. Is a National Emission Standard for Hazardous Air Pollutants (NESHAP) applicable to this source? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>Attach a completed FED-01 for each rule that applies.</i>	34. Unit IDs
<input type="checkbox"/> 40 CFR Part 61, Subpart _____ <i>(specify)</i>	
<input type="checkbox"/> 40 CFR Part 63, Subpart _____ <i>(specify)</i>	

35. Non-Applicability Determination: Provide an explanation if the process unit appears subject to a rule (based on the rule title or the source category), but the rule will not apply.

NSPS not applicable as the grain elevators are not new sources. They were previously operated under PBR.



OAQ CONTROL EQUIPMENT APPLICATION
CE-01: Control Equipment Summary
 State Form 51904 (R3 / 1-10)
 INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

IDEM – Office of Air Quality – Permits Branch
 100 N. Senate Avenue, MC 61-53 Room 1003
 Indianapolis, IN 46204-2251
 Telephone: (317) 233-0178 or
 Toll Free: 1-800-451-6027 x30178 (within Indiana)
 Facsimile Number: (317) 232-6749
www.IN.gov/idem

NOTES:

- The purpose of CE-01 is to summarize all of the equipment used to control emissions. This is a required form.
- Detailed instructions for this form are available on the Air Permit Application Forms website.
- All information submitted to IDEM will be made available to the public unless it is submitted under a claim of confidentiality. Claims of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in 326 IAC 17.1-4-1. Failure to follow these requirements exactly will result in your information becoming a public record, available for any one to inspect and photocopy.

Summary of Control Equipment					
This table summarizes all of the equipment used to control air pollutant emissions. The identification numbers listed on this form should correspond to the emissions unit identified on the Plant Layout diagram and Process Flow diagram.					
1. Control Equipment ID	2. Control Equipment Description	3. Pollutant Controlled	4. Emission Unit ID	5. Stack / Vent ID	6. Applicable Rule
32-CI-102,103	Cyclone for Dryers 1 & 2	PM/PM10/ PM2.5	32-DR-101, 32-DR-201	V-L1-D	
D3-CI-302,303,304	Cyclone for Dryers 3 & 4	PM/PM10/ PM2.5	D3-DR-300, D3-DR-400	V-L3-D	
32-CI-102, 103	Cyclone for Coolers 1 & 2	PM/PM10/ PM2.5	32-CO-101, 32-CO-201	V-L1-C	
D3-CI-305,306	Cyclone for Coolers 3 & 4	PM/PM10/ PM2.5	D3-CO-300, D3-CO-400	V-L3-C	
41-DC-101	Dust Collector for Grain Receiving	PM/PM10/ PM2.5	Various		
Various	Hammermill Baghouses	PM/PM10/ PM2.5	Various		
Various	Product Dryer Dust Collectors	PM/PM10/ PM2.5	Various		
Various	Grain Cleaning (Screening) Dust Collector	PM/PM10/ PM2.5	Various		
Various	Storage Bin (vents) fabric filters	PM/PM10/ PM2.5	Various		



OAQ CONTROL EQUIPMENT APPLICATION
CE-02: Particulate Control – Baghouse / Fabric Filter
 State Form 51953 (R2 / 1-10)
 INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

IDEM – Office of Air Quality – Permits Branch
 100 N. Senate Avenue, MC 61-53 Room 1003
 Indianapolis, IN 46204-2251
 Telephone: (317) 233-0178 or
 Toll Free: 1-800-451-6027 x30178 (within Indiana)
 Facsimile Number: (317) 232-6749
www.IN.gov/idem

NOTES:

- The purpose of CE-02 is to identify all the parameters that describe the baghouse or fabric filter. This is a required form.
- Complete this form once for each baghouse or fabric filter (or once for each set of identical baghouses or fabric filters).
- Detailed instructions for this form are available on the Air Permit Application Forms website.
- All information submitted to IDEM will be made available to the public unless it is submitted under a claim of confidentiality. Claims of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in 326 IAC 17.1-4-1. Failure to follow these requirements exactly will result in your information becoming a public record, available for any one to inspect and photocopy.

PART A: Identification and Description of Control Equipment

Part A identifies the particulate control device and describes its physical properties.

1. Control Equipment ID:	D2-FR-000127, 41-DC-101, D1-FR-000001, D1-FR-000132, D1-FR-000133, D2-FR-000088 (Grain Receiving/Screening DCs); 41DC-102 (Batching/Milling DC); 42DC-101 (Surge Bin Vent)		
2. Installation Date:			
3. Bags or Cartridges?	<input checked="" type="checkbox"/> Bags	<input checked="" type="checkbox"/> Cartridges	
4. Filter Material:	Varies		
5. Number of Bags/Cartridges per Compartment:			
6. Number of Compartments:			
7. Mode of Operation:	<input type="checkbox"/> Intermittent	<input type="checkbox"/> Periodic	<input checked="" type="checkbox"/> Continuous
8. Cleaning Method:	<input type="checkbox"/> Shaking	<input type="checkbox"/> Reverse Pulse	<input type="checkbox"/> Reverse Air <input type="checkbox"/> Jet Pulse
9. Cleaning Cycle / Frequency (specify units):			
10. Is a bag leak detector installed on this device?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
11. Type / Description of Bag Leak Detector:	<input type="checkbox"/> Positive Pressure	<input type="checkbox"/> Negative Pressure	
12. Air to Cloth Ratio (Ex: 1.3 : 1.0):			
13. Is Lime Injection used on this device?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
14. Is Carbon Injection used on this device?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	

PART B: Operational Parameters

Part B provides the operational parameters of the control device and the pollutant laden gas stream. Appropriate units must be included if the standard units are not used. For each applicable parameter, provide the inlet and outlet values or provide the differential value.

	A. Units	B. Inlet	C. Outlet	D. Differential
15. Gas Stream Flow Rate	ACFM			
16. Gas Stream Temperature	°F			
17. Gas Stream Pressure	inches of water			to
18. Moisture Content	%			
19. Particle Size Range	micrometers			to
20. Lime Injection Rate (if applicable)	lb/hr			
21. Carbon Injection Rate (if applicable)	lb/hr			
22. Other (specify):				

1

PART C: Pollutant Concentrations

Part C provides the pollutant concentrations of the pollutant laden gas stream.

	23. Units	24. Inlet	25. Outlet	26. Efficiency (%):	
				Capture	Control
<input type="checkbox"/> a. Lead (Pb)					
<input type="checkbox"/> b. Hazardous Air Pollutant (HAP) (specify):					
<input checked="" type="checkbox"/> c. Particulate Matter (PM)				100.00%	99.00%
<input checked="" type="checkbox"/> d. Particulate Matter less than 10µm (PM ₁₀)				100.00%	93.00%
<input checked="" type="checkbox"/> e. Particulate Matter less than 2.5µm (PM _{2.5})				100.00%	93.00%
<input type="checkbox"/> f. Other Pollutant (specify):					

PART D: Monitoring, Record Keeping, & Testing Procedures

Part D identifies any existing or proposed monitoring, record keeping, & testing procedures that may need to be included in the permit.

27. Item(s) Monitored:				
28. Monitoring Frequency:				
29. Item(s) Recorded:				
30. Record Keeping Frequency:				
31. Pollutant(s) Tested:				
32. Test Method(s):				
33. Testing Frequency:				

PART E: Preventive Maintenance Plan

Part E verifies that a complete Preventive Maintenance Plan (PMP) has been prepared for the control device, if applicable. Use this table as a checklist to ensure that the PMP is complete.

34. Do you have a Preventive Maintenance Plan (PMP)?

No PMP is needed. Yes – the following items are identified on the PMP:

- A. Identification of the individual(s) responsible for inspecting, maintaining and repairing emission control devices.
- B. Description of the items or conditions that will be inspected.
- C. Schedule for inspection of items or conditions described above.
- D. Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

PART F: Determination of Integral Control

Part F provides explanation to determine whether the control device should be considered integral to the process.

35. Has IDEM already made an integral control determination for this device? No Yes
 If "Yes", provide the following:

Permit Number: _____ Issuance Date: _____ Determination: Integral Not Integral

36. Is this device integral to the process? No Yes
 If "Yes", provide the reason(s) why the device is integral.

The dust needs to be vented for safety reasons. If the control device fails, there could be unsafe atmospheric conditions from both a fire safety and worker respiratory conditions perspective.



OAQ CONTROL EQUIPMENT APPLICATION
CE-03: Particulate Control – Cyclone
 State Form 52620 (R / 1-10)
 INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

IDEM – Office of Air Quality – Permits Branch
 100 N. Senate Avenue, MC 61-53 Room 1003
 Indianapolis, IN 46204-2251
 Telephone: (317) 233-0178 or
 Toll Free: 1-800-451-6027 x30178 (within Indiana)
 Facsimile Number: (317) 232-6749
 www.IN.gov/idem

NOTES:

- The purpose of CE-03 is to identify all the parameters that describe the cyclone. This is a required form.
- Complete this form once for each cyclone (or once for each set of identical cyclones).
- Detailed instructions for this form are available on the Air Permit Application Forms website.
- All information submitted to IDEM will be made available to the public unless it is submitted under a claim of confidentiality. Claims of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in 326 IAC 17.1-4-1. Failure to follow these requirements exactly will result in your information becoming a public record, available for any one to inspect and photocopy.

PART A: Identification and Description of Control Equipment	
Part A identifies the particulate control device and describes its physical properties.	
1. Control Equipment ID:	D3-CI-305, D3-CI-306, D3-CI-040405, D3-CI-040406 (Cooler Exhaust Cyclones)
2. Installation Date:	
3. Number of Tubes:	2 <i>For multiple tubes:</i> <input type="checkbox"/> Parallel <input checked="" type="checkbox"/> Series
4. Is an Alarm / Detector installed on this device? <i>If yes, describe the alarm or detector system.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No

PART B: Operational Parameters				
Part B provides the operational parameters of the control device and the pollutant laden gas stream. Appropriate units must be included if the standard units are not used.				
	A. Units	B. Inlet	C. Outlet	D. Differential
5. Gas Stream Flow Rate	ACFM			
6. Gas Stream Temperature	°F			
7. Gas Stream Pressure	inches of water			to
8. Moisture Content	%			
9. Average Particle Size Range	micrometers			to
10. Other <i>(specify):</i>				

PART C: Pollutant Concentrations					
Part C provides the pollutant concentrations of the pollutant laden gas stream.					
	11. Units	12. Inlet	13. Outlet	14. Efficiency (%):	
				Capture	Control
<input type="checkbox"/> a. Hazardous Air Pollutant (HAP) <i>(specify):</i>					
<input checked="" type="checkbox"/> b. Particulate Matter (PM)				100.00%	80.00%
<input checked="" type="checkbox"/> c. Particulate Matter less than 10µm (PM ₁₀)				100.00%	60.00%
<input checked="" type="checkbox"/> d. Particulate Matter less than 2.5µm (PM _{2.5})				100.00%	60.00%
<input type="checkbox"/> e. Other Pollutant <i>(specify):</i>					

PART D: Monitoring, Record Keeping, & Testing Procedures

Part D identifies any existing or proposed monitoring, record keeping, & testing procedures that may need to be included in the permit.

15. Item(s) Monitored:				
16. Monitoring Frequency:				
17. Item(s) Recorded:				
18. Record Keeping Frequency:				
19. Pollutant(s) Tested:				
20. Test Method(s):				
21. Testing Frequency:				

PART E: Preventive Maintenance Plan

Part E verifies that a complete Preventive Maintenance Plan (PMP) has been prepared for the control device, if applicable. Use this table as a checklist to ensure that the PMP is complete.

22. Do you have a Preventive Maintenance Plan (PMP)?

No PMP is needed. Yes – the following items are identified on the PMP:

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

B. Description of the items or conditions that will be inspected.

C. Schedule for inspection of items or conditions described above.

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

PART F: Determination of Integral Control

Part F provides explanation to determine whether the control device should be considered integral to the process.

23. Has IDEM already made an integral control determination for this device? No Yes
If "Yes", provide the following:

Permit Number:	Issuance Date:	Determination: <input type="checkbox"/> Integral <input type="checkbox"/> Not Integral
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24. Is this device integral to the process? No Yes
If "Yes", provide the reason(s) why the device is integral.

The dust needs to be vented for safety reasons. If the control device fails, there could be unsafe atmospheric conditions from both a fire safety and worker respiratory conditions perspective.

Attachment A

Feed Mill Potential Emissions

Air emissions for feed mills - Potential emissions

Important: If you are applying for a state or federal individual air permit, do not use this tab for your application. Individual permit applications must calculate potential emissions for each emission unit. Guidance is available at MPCA's air permit emission calculation page: <https://www.pca.state.mn.us/business-with-us/grain-elevators-and-feed-mills-emission-calculations>

Facility information for emission calculations

Facility name:
 Max. capacity: tons/year

For grain processing facilities, max. capacity is the maximum amount of grain you could possibly process in a year assuming an unlimited supply is available.

Do you have a traditional facility with a headhouse?

Do you have any milling equipment?
 If yes, what type(s)?
 Hammermill
 Flaker
 Cracker

Total capacity (ton per hour)

Total milling capacity
 ton per hour
 ton per year

Do you do pellet cooling?
 If yes, what is your pellet cooling capacity? (ton per hour)

Do you clean the grain at some point?
 If yes, what is the total grain cleaning capacity? ton per hour

Do you have 1 or more grain dryers?
 If yes, what type(s)?
 Rack dryer
 Rack dryer with self cleaning screen (<50 mesh)
 Column dryer

Total capacity (ton per hour)

Drying Capacity
 ton per hour
 ton per year

What you need to know about the calculations:

- 1) In the table below, potential emissions are calculated based on your entries above. You can account for actual quantities processed when you calculate actual emissions on the next tab.
- 2) The emissions from the headhouse and handling are calculated each time the grain is elevated. In potential emission calculations, as shown in the table below, it is assumed that the maximum capacity of grain is received, then elevated for storage, then elevated again for shipping. In addition, the grain is assumed to be elevated again after cleaning and after drying, if those activities take place at the facility. Emissions from storage bin vents occur when grain is put into storage bins or silos after it is received, after cleaning, and after drying. This is the method of calculation prescribed by EPA in AP-42, section 9.9.1.3.
- 3) Emissions control capture efficiency cannot be used to calculate your potential emissions. Therefore the control efficiency is set at zero, or no control. You can enter control efficiencies on the actual emissions tab.

Feed mill potential emissions Source unless otherwise noted: EPA AP-42 Chapter 9.9.1

a	b	c	d	e	f	g	h	h	i	
Activity	Maximum Capacity (tons/year) 225000.0	PM Control Efficiency (% control)	PM Emission Factor (lb/ton)	PM Emissions (tons/year) b*d/2000	PM ₁₀ Control Efficiency (% control)	PM ₁₀ Emission Factor (lb/ton)	PM ₁₀ Emissions (ton/year) b*g/2000	PM _{2.5} Emission Factor (lb/ton)	PM _{2.5} Emissions (ton/year) b*h/2000	
Grain Receiving	225000.0	0.00%	0.017	1.91	0%	0.0025	0.28	0.0025	0.28	
Feed Shipping	225000.0		0.0033	0.37		0.0008	0.09	0.0008	0.09	
Milling	Hammermill ¹		225000.0	0.768		86.34	0.384	43.17	0.384	43.17
	Flaker ²		0.0	0.75		0.00	0.375	0.00	0.375	0.00
	Cracker ²		0.0	0.12		0.00	0.06	0.00	0.06	0.00
Pellet Cooler ³	225000.0		1.65	185.63		0.825	92.81	0.825	92.81	
Headhouse & Grain Handling ⁴	0.0		0.061	0.00		0.034	0.00	0.0058	0.00	
Grain Cleaning (internal vibrating ⁵)	225000.0		0.375	42.19		0.095	10.69	0.016	1.80	
Storage Bin (vent)	900000.0		0.025	11.25		0.0063	2.84	0.0011	0.50	
Grain Drying	Rack		225000.0	3		337.50	0.75	84.38	0.13	14.63
	Rack (<50mesh)		0.0	0.47		0.00	0.12	0.00	0.02	0.00
	Column		0.0	0.22		0.00	0.055	0.00	0.0094	0.00
Total tons emissions (excluding combustion from dryers)				665.19		234.25		153.28		

¹ Emission factor for hammermill is an average of back-calculated values from AP-42 Table 9.9.1-2, which provides a cyclone-controlled emission factor and a baghouse-controlled emission factor. A cyclone was assumed to be 80% efficient, and a baghouse was assumed to be 99% efficient; from Minn. R. 7011.0070.

² Emission factor is an average of back-calculated values from AP-42 Table 9.9.1-1, which provides a cyclone-controlled emission factor. A cyclone was assumed to be 80% efficient; from Minn. R. 7011.0070.

³ Emission factor is an average of back-calculated values from AP-42 Table 9.9.1-2, which provides a cyclone-controlled emission factor and a high-efficiency cyclone-controlled emission factor. A cyclone was assumed to be 80% efficient, a high-efficiency cyclone was assumed to be 90% efficient; from Minn. R. 7011.0070.

⁴ Legs, conveyors, belts, distributor, scale, enclosed cleaners, etc.

⁵ Internal Vibrating; Emission factor is an average of back-calculated values from AP-42 Table 9.9.1-1 (4/03), which provides a cyclone-controlled emission factor. A cyclone was assumed to be 80% efficient; from Minn. R. 7011.0070.

Attachment B

Feed Mill Actual Emissions

Air emissions for feed mills - Actual emissions

What you need to know about the calculations:

- 1) In the table below, enter in the blue cells the actual quantities of product received, loaded out, milled, cleaned, and dried during the past 12 months.
- 2) The emissions from the headhouse and handling are calculated each time the grain is elevated. In potential emission calculations, as shown in the table below, it is assumed that the maximum capacity of grain is received, then elevated for storage, then elevated again for shipping. In addition, the grain is assumed to be elevated again after cleaning and after drying, if those activities take place at the facility. Emissions from storage bin vents occur when grain is put into storage bins or silos after it is received, after cleaning, and after drying. This is the method of calculation specified by EPA in AP-42, section 9.9.1.3.
- 3) Enter the appropriate particulate matter (PM) control efficiencies for PM and PM10. Control efficiency is the percent of pollutant captured by the control equipment, such as a cyclone or filters. You may assume 0% control. Otherwise, the percent control for the different types of control equipment is listed in Minn. R. 7011.0070 and is based on whether emissions are captured through a total enclosure, a certified hood, or an uncertified hood. See the requirements for certified hoods (Minn. R. 7011.0072) and for requirements for maintenance, monitoring, and recordkeeping for control equipment (Minn. R. 7011.0075 and 0080).^{1, 2, 3, 4}

Feed mill actual emissions										Source unless otherwise noted: EPA AP-42 Chapter 9.9.1	
a	b	c	d	e	f	g	h	h	i		
Activity	Maximum Capacity (tons/year)	PM Control Efficiency ¹ (% control)	PM Emission Factor (lb/ton)	PM Emissions (tons/year) b*d*(1-c)/2000	PM ₁₀ Control Efficiency ¹ (% control)	PM ₁₀ Emission Factor (lb/ton)	PM ₁₀ Emissions (ton/year) b*g*(1-f)/2000	PM _{2.5} Emission Factor (lb/ton)	PM _{2.5} Emissions (ton/year) b*h*(1-f)/2000		
Grain Receiving	225000.0	99%	0.017	0.02	93%	0.0025	0.02	0.0025	0.02	Controlled By Dust Collector	
Grain Loadout	225000.0	99%	0.0033	0.01	93%	0.0008	0.01	0.0008	0.01		
Milling	Hammermill ⁵	225000.0	99%	0.768	3.02	93%	0.384	3.02	0.384	Baghouses	
	Flaker ⁶	0.0	0%	0.75	0.00	0%	0.375	0.00	0.375		
	Cracker ⁶	0.0	0%	0.12	0.00	0%	0.06	0.00	0.06		
Pellet Cooler ⁷	225000.0	80%	1.65	37.13	60%	0.825	37.13	0.825	37.13	Cyclones	
Headhouse & Grain Handling ⁸	0.0	0%	0.061	0.00	0%	0.034	0.00	0.0058	0.00		
Grain Cleaning (internal vibrating ⁹)	225000.0	99%	0.375	0.75	93%	0.095	0.75	0.016	0.13	Dust Collector	
Storage Bin (vent)	675000.0	99%	0.025	0.15	93%	0.0063	0.15	0.0011	0.03	Fabric Filters	
Grain Drying	Rack	225000.0	99%	3	5.91	93%	0.75	5.91	0.13	1.02	Dust Collector
	Rack (<50mesh)	0.0	99%	0.47	0.00	93%	0.12	0.00	0.02		
	Column	0.0	0%	0.22	0.00	0%	0.055	0.00	0.0094		
Total Emissions (excluding combustion from dryers, if applicable)				46.98			46.98		41.35		

Below information can be found on the Minnesota Revisors website:

¹ Control efficiencies are listed in Minn. R. 7011.0070. <https://www.revisor.mn.gov/rules/?id=7011.0070>

² Certified hood requirements are listed in Minn. R. 7011.0072. <https://www.revisor.mn.gov/rules/?id=7011.0072>

³ Requirements for control equipment are listed in Minn. R. 7011.0075. <https://www.revisor.mn.gov/rules/?id=7011.0075>

⁴ Monitoring and recordkeeping for controls is in Minn. R. 7011.0080. <https://www.revisor.mn.gov/rules/?id=7011.0080>

⁵ Emission factor for hammermill is an average of back-calculated values from AP-42 Table 9.9.1-2, which provides a cyclone-controlled emission factor and a baghouse-controlled emission factor. A cyclone was assumed to be 80% efficient, and a baghouse was assumed to be 99% efficient; from Minn. R. 7011.0070.

⁶ Emission factor is an average of back-calculated values from AP-42 Table 9.9.1-1, which provides a cyclone-controlled emission factor. A cyclone was assumed to be 80% efficient; from Minn. R. 7011.0070.

⁷ Emission factor is an average of back-calculated values from AP-42 Table 9.9.1-2, which provides a cyclone-controlled emission factor and a high-efficiency cyclone-controlled emission factor. A cyclone was assumed to be 80% efficient, a high-efficiency cyclone was assumed to be 90% efficient; from Minn. R. 7011.0070.

⁸ Legs, conveyors, belts, distributor, scale, enclosed cleaners, etc.

⁹ Internal Vibrating; Emission factor is an average of back-calculated values from AP-42 Table 9.9.1-1 (4/03), which provides a cyclone-controlled emission factor. A cyclone was assumed to be 80% efficient; from Minn. R. 7011.0070.

Attachment C

Natural Gas (NG) Combustion Emissions Summary

Air emissions from natural gas grain dryers

Natural gas combustion (less than 100 million Btu per hour)

If you have a boiler with a rating of more than 100 million Btu per hour, different emission factors must be used (see EPA AP-42 Chapter 1.4).

What is the total maximum rated heat input for your natural gas units?	16699600	Btu per hour	(Check your units)
In the previous 12 months, how many cubic feet of gas were actually used?	186300000	cu ft/year	

Natural gas potential and actual emissions

Pollutant	a GWP ¹	b Dryer hourly natural gas usage ² (cu ft/hr) <small>(Btu/hr) / (1020 Btu/cu ft)</small>	c Actual natural gas burned (cu ft/yr)	d Hours in a Year (hr/yr) <small>24 hrs/day * 365 days/yr</small>	e Emission Factor (lbs/cu ft)	Potential Emissions	Actual Emissions
						(ton/yr) <small>(b * d * e) / 2000</small>	(tons/yr) <small>(c * e) / 2000</small>
						by pollutant	
Criteria air pollutants						Source: EPA AP-42 Chapter 1.4	
PM					0.0000076	5.45	0.71
PM10					0.0000076	5.45	0.71
PM2.5					0.0000076	5.45	0.71
SOx					0.0000006	0.43	0.06
NOx					0.0001	71.71	9.32
VOC					0.0000055	3.94	0.51
CO					0.000084	60.24	7.82
Lead					0.000000005	0.00	0.00
Greenhouse gas emissions						Source: 40 CFR 98, Subp. C, Table C-1 and C-2	
CO ₂ ²	1				0.120	86067.38	11179.75
CH ₄ ²	25				0.00000226	1.62	0.21
N ₂ O ²	298				0.00000023	0.16	0.01
GHG Total (CO ₂ e) ³						86156.27	11191.30
Hazardous air pollutants						Source: EPA AP-42 Chapter 1.4	
Benzene					0.000000021	0.0015	0.0002
Formaldehyde					0.000000075	0.0538	0.0070
Hexane					0.0000018	1.2908	0.1677
Naphthalene					0.0000000061	0.0004	0.0001
Toluene					0.0000000034	0.0024	0.0003
Arsenic					0.0000000020	0.0001	0.0000
Beryllium					0.00000000012	0.0000	0.0000
Cadmium					0.0000000011	0.0008	0.0001
Chromium					0.0000000014	0.0010	0.0001
Cobalt					0.00000000084	0.0001	0.0000
Manganese					0.00000000038	0.0003	0.0000
Mercury					0.00000000026	0.0002	0.0000
Nickel					0.00000000021	0.0015	0.0002
Selenium					0.00000000024	0.0000	0.0000
HAP total						1.3630	0.1757

	Potential		Actual	
	From Process	From HVAC	From Process	From HVAC
PM	3.75	1.70	0.49	0.22
PM10	3.75	1.70	0.49	0.22
PM2.5	3.75	1.70	0.49	0.22
SOx	0.30	0.13	0.04	0.02
NOx	49.34	22.38	6.41	2.91
VOC	2.71	1.23	0.35	0.16
CO	41.44	18.80	5.38	2.44
Lead	0.00	0.00	0.00	0.00
GHG Total (CO ₂ e)	59211.41	26855.97	7691.28	3488.47
HAP Total	0.00	0.00	0.00	0.00
Total	59212.64	26856.53	7691.44	3488.54

¹ Global Warming Potential from 40 CFR Part 98, Subpart A, Table A-1

² CO₂e = carbon dioxide equivalents

³ See insignificant activities at Minn. R. 7007.1300 and on the 'Permits & Requirements' tab.

Minn. R. 7007.1300

Notes: Actual emissions are based on total NG usage from 2023
Emissions are ratioed between units based on unit maximum heat capacity.

ORIGIN ID:THAA (818) 303-5245
BRIAN PERDOMO

256 SEABOARD LANE SUITE A101

FRANKLIN, TN 37067
UNITED STATES US

SHIP DATE: 28JUN24
ACTWGT: 1.70 LB
CAD: 6570502/ROSA2536

Part # 156297-456, RM0191-EXP 06/25

TO **IDEM OAQ**
AIR PERMITS ADMINISTRATION
100 NORTH SENATE AVE, IGCN 1003

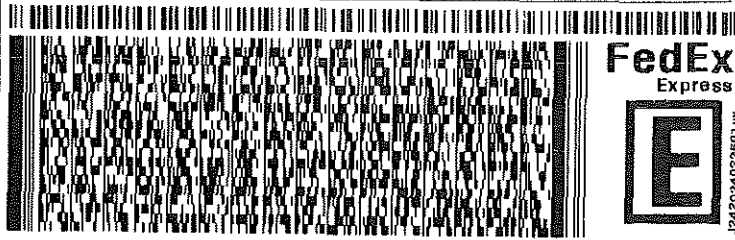
INDIANAPOLIS IN 46204

(000) 000-0000

REF:

INV:
PO:

DEPT:

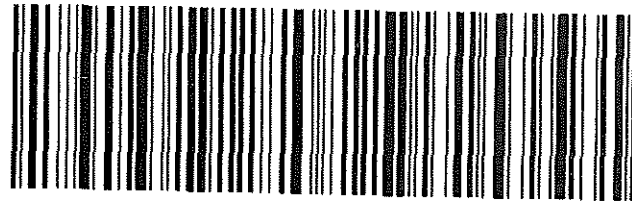


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TUE - 02 JUL 5:00P
** 2DAY **

4Z INDIG

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Small
I'm recyclable.

Align bottom of peel-and-stick airbill or pouch here.