From:	Sulita, Eric M
To:	Wessel, Tamera
Cc:	Jarvis, Austin; Roberts, Lisa
Subject:	RE: IDEM OAQ Contact Information for Application No. 023-47831-00011 for Archer Daniels Midland Company
Date:	Thursday, May 23, 2024 12:08:43 PM
Attachments:	image001.png image002.png image010.png image011.png image012.png image013.png image014.png image004.png

Hi Tamera,
The proposed rail receiving station will only receive soybean meal (feed) and not whole soybeans (grain). The SCC 3-02-005-53 emission factor is for grain receiving, while the SCC 3-02-008-03 emission factor is specifically for meal shipping, e.g. loading meal to an open truck or rail, which directly applies to the proposed process. The soybean meal has already been processed and aspirated to baghouses during processing, so the dust/particulate generation rate tends to be much lower than unprocessed grain/soybeans, e.g. SCC 3-02-005-53.

Thank you for reaching out, and happy to address any additional questions!

Eric Sulita, PE \ Burns & McDonnell
Senior Environmental Engineer – Environmental Services
O 872-250-9001 \ **M** 630-450-4421
emsulita@burnsmcd.com \ burnsmcd.com
200 W Adams St., Suite 2700 \ Chicago, IL 60606

From: Wessel, Tamera <TWessel@idem.IN.gov>
Sent: Thursday, May 23, 2024 10:09 AM
To: Sulita, Eric M <emsulita@burnsmcd.com>
Subject: IDEM OAQ Contact Information for Application No. 023-47831-00011 for Archer Daniels Midland Company

Eric,

I am working on the Archer Daniels modification to include the rail receiving station. Could you explain your reasoning for using the PM emission factors from AP-42 Section 9.9; Table 9.9.1-1; for Feed shipping SCC 3-02-008-03 instead of the railcar grain receiving (SCC 3-02-005-53) emission factors?

Tamera Wessel
Environmental Engineer 2

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 |  |  |  |  | www.idem.IN.gov

From: Sulita, Eric M
To: Wessel, Tamera
Cc: Jarvis, Austin; Roberts, Lisa
Subject: RE: IDEM OAQ Contact Information for Application No. 023-47831-00011 for Archer Daniels Midland Company
Date: Friday, June 7, 2024 11:34:44 AM
Attachments: image001.png
image002.png
image005.png
image006.png
image007.png
image008.png
image009.png
image003.png

Hi Tamera,

1. That is correct, no meal would be received from offsite. For purposes of unlimited uncontrolled emissions, the throughput was based on the maximum physical capacity of the new rail receiving unit, and not the existing permit limit. However, the rail receiving unit would be limited by the amount of meal that can be stockpiled onsite.

2. Yes, these units would be limited by the overall meal production so it would be acceptable to use the meal production limit of 1,143,180 tpy for the PTE calculations. However, please let us know if this would impact any of the permit conditions we have previously reviewed for the draft Title V renewal.

Thank you for your continued review and assistance. Do you have a current estimate of when the current minor mod for the rail receiving unit will be issued?

Eric Sulita, PE \ Burns & McDonnell
Senior Environmental Engineer – Environmental Services
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emsulita@burnsmcd.com \ burnsmcd.com
200 W Adams St., Suite 2700 \ Chicago, IL 60606

From: Wessel, Tamera <TWessel@idem.IN.gov>
Sent: Wednesday, June 5, 2024 12:58 PM
To: Sulita, Eric M <emsulita@burnsmcd.com>
Subject: RE: IDEM OAQ Contact Information for Application No. 023-47831-00011 for Archer Daniels Midland Company

Hi Eric,

Could you verify some items for me? The throughput for the meal received by the proposed rail receiving station is coming from the stockpiled meal from the source correct? There will be no meal from offsite being received by the proposed rail? In theory, since the meal stockpile is limited to

100,000 tons per year, the max throughput to the proposed rail receiving would be limited to 100,000 tons per year. Am I understanding that correctly?

Also, currently the calculations list the throughput limit for EP-11 (units EU26, 27, 28, 29) as 1,314,000 tpy, which is the limit for the amount of soybeans processed. However, the emission factor for these units is listed as lb/ton of meal produced. Should the throughput limit be tied to the soybean meal production limit of 1,143,180 tpy ?

Tamera Wessel
Environmental Engineer 2
Permits Branch, IDEM Office of Air Quality
Phone: 317-234-8530

From: Sulita, Eric M <emsulita@burnsmcd.com>
Sent: Thursday, May 23, 2024 12:08 PM
To: Wessel, Tamera <TWessel@idem.IN.gov>
Cc: Jarvis, Austin <Austin.Jarvis@adm.com>; Roberts, Lisa <lisa.roberts@adm.com>
Subject: RE: IDEM OAQ Contact Information for Application No. 023-47831-00011 for Archer Daniels Midland Company

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Hi Tamera,
The proposed rail receiving station will only receive soybean meal (feed) and not whole soybeans (grain). The SCC 3-02-005-53 emission factor is for grain receiving, while the SCC 3-02-008-03 emission factor is specifically for meal shipping, e.g. loading meal to an open truck or rail, which directly applies to the proposed process. The soybean meal has already been processed and aspirated to baghouses during processing, so the dust/particulate generation rate tends to be much lower than unprocessed grain/soybeans, e.g. SCC 3-02-005-53.

Thank you for reaching out, and happy to address any additional questions!

Eric Sulita, PE \ Burns & McDonnell
Senior Environmental Engineer – Environmental Services
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emsulita@burnsmcd.com \ burnsmcd.com
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From: Wessel, Tamera <TWessel@idem.IN.gov>
Sent: Thursday, May 23, 2024 10:09 AM
To: Sulita, Eric M <emsulita@burnsmcd.com>
Subject: IDEM OAQ Contact Information for Application No. 023-47831-00011 for Archer Daniels Midland Company

Eric,

I am working on the Archer Daniels modification to include the rail receiving station. Could you explain your reasoning for using the PM emission factors from AP-42 Section 9.9; Table 9.9.1-1; for Feed shipping SCC 3-02-008-03 instead of the railcar grain receiving (SCC 3-02-005-53) emission factors?

Tamera Wessel
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From:	Sulita, Eric M
To:	Wessel, Tamera
Cc:	Austin.Jarvis@adm.com; Marchese, Andrew; Dorigan, Therese; Roberts, Lisa
Subject:	RE: Applicant Review for MSM No. 023-47831-00011 and SPM for Archer Daniels Midland Company
Date:	Monday, June 17, 2024 9:53:18 AM
Attachments:	image001.png image002.png image004.png image005.png image006.png image007.png image008.png image009.png 47831per 6.12.2024.docx

Hi Tamera,
Thank you for the opportunity to review the draft permit documents. We have reviewed and included our comments in the attached draft, and summarized below:

- Previous comments provided for the Title V renewal have not been addressed in this version. I understand IDEM is delaying the issuance of the renewal until after the current modification (rail receiving station) has been issued – will these comments be addressed in the final renewal?

- The new emission limits for the new rail receiving unit do not account for the uncaptured emissions, see attached comments.

- The new 100,000 tpy limit and associated quarterly report for the rail receiving unit is redundant to the existing stockpiling report and is unnecessary to demonstrate this action is minor for PSD. PTE calcs were based on the physical capacity of 1.095 MM tons per year to specifically avoid further recordkeeping requirements. ADM requests to remove this requirement and quarterly report.

Thank you again for your assistance,
Sincerely,

Eric Sulita, PE \ Burns & McDonnell
Senior Environmental Engineer – Environmental Services
O 872-250-9001 \ M 630-450-4421
emsulita@burnsmcd.com \ burnsmcd.com
200 W Adams St., Suite 2700 \ Chicago, IL 60606

From: Wessel, Tamera <TWessel@idem.IN.gov>
Sent: Tuesday, June 11, 2024 4:20 PM
To: Sulita, Eric M <emsulita@burnsmcd.com>; Austin.Jarvis@adm.com
Subject: Applicant Review for MSM No. 023-47831-00011 and SPM for Archer Daniels Midland

Company

Dear Mr. Jarvis and Mr. Sulita:

Attached please find the draft Minor Source Modification and Significant Permit Modification and supporting documents for review. I have only enclosed the source modification drafts since the permit modification documents are identical to the source modification documents except for the cover letter. As a courtesy, this draft is being provided to you for an opportunity to review and provide comments prior to posting the public notice on IDEM's website. This supplemental step of providing you the draft permit does not take away your legal right to provide comments during the 30-day comment period.

The time clock for Minor Source Modification No. 023-47831-00011 and Significant Permit Modification will be stopped during your review until you either provide comments or indicate that you do not have any comments. Due to permit accountability and IDEM's intention to public notice the permits in a timely manner, you are being allotted two (2) weeks to provide comments in writing. If you have any conflicts or special circumstances that would impede your review process during the time allotted, please notify me directly at the email address or phone number listed below as soon as possible. If you have not responded on or before June 25, 2024, IDEM will assume that you have no comments pertaining to this draft and all files will be forwarded for public notice.

During this review period, I will be available to address your concerns, answer any questions that you may have, or make necessary revisions to this draft.

Pursuant to 326 IAC 2-1.1-7, the fee for this permitting action is expected to be $793, which is based on the following:

$793	TV Minor Source Modification

Please note: This is not a bill. This represents the anticipated fee and is subject to change if additional review is required or the permit level changes for some reason (e.g. an additional NESHAP review is required). You will receive a final bill from the OAQ Permits Administration and Support Section.

Sincerely,

Tamera Wessel
Environmental Engineer 2

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INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
We Protect Hoosiers and Our Environment.
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Eric J. Holcomb
Governor

Brian C. Rockensuess
Commissioner

Minor Source Modification to a Part 70 Source

OFFICE OF AIR QUALITY

Archer Daniels Midland Company
2191 West County Road 0 N/S
Frankfort, Indiana 46041

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

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17. This permit also addresses certain new source review requirements for new and/or existing equipment and is intended to fulfill the new source review procedures pursuant to 326 IAC 2-7-10.5, applicable to those conditions.

Minor Source Modification No.: 023-47831-00011 Master Agency Interest ID.: 14843	
Issued by: Heath Hartley, Section Chief Permits Branch Office of Air Quality	Issuance Date:

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SECTION A SOURCE SUMMARY

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

A.1 General Information [326 IAC 2-7-4(c)][326 IAC 2-7-5(14)][326 IAC 2-7-1(22)]

The Permittee owns and operates a stationary soybean processing and vegetable refining operation.

Source Address:	2191 West County Road 0 N/S, Frankfort, Indiana 46041
General Source Phone Number:	(765) 654-3091
SIC Code:	2075 (Soybean and Other Oilseed Processing)
County Location:	Clinton
Source Location Status:	Attainment for all criteria pollutants
Source Status:	Part 70 Operating Permit Program Major Source, under PSD Rules Major Source, Section 112 of the Clean Air Act Not 1 of 28 Source Categories

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)][326 IAC 2-7-5(14)]

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

(a) One (1) rail unloading operation, identified as EU01, constructed in 1946 modified in 2004 and approved in 2024 for modification, with a maximum throughput of 1,444,500 tons per year, controlled for particulate matter by one (1) baghouse (GR-1) and exhausting to one (1) stack (EP01), including the following:

(1) Two (2) discharge drag conveyors (S-1 and S-1A), approved in 2024 for modification;

Under 40 CFR 60, Subpart DD, this is considered an affected facility.

(b) One (1) truck unloading operation, identified as EU02, constructed in 1946 and approved in 2024 for modification, with a maximum throughput of 1,444,500 tons per year, controlled for particulate matter by one (1) baghouse (GR-1) and exhausting to one (1) stack (EP01), including one (1) discharge drag conveyor (S-2);

(c) One (1) truck receiving pit, identified as EU50, approved in 2024 for construction, with a maximum capacity of 900 tons per hour, using baghouse (GR-1) as control, and exhausting to stack (EP01), including the following:

(1) One (1) drag conveyor, identified as EU50a, approved in 2024 for construction, with a maximum throughput capacity of 900 tons per hour.

Under 40 CFR 60, Subpart DD, this is considered an affected facility.

(d) Two (2) elevator legs (S-3 and S-4), identified as EU03, constructed in 1946 and approved in 2024 for modification, with a maximum throughput of 1,444,500 tons per

year, controlled for particulate matter by one (1) baghouse (GR-1) and exhausting to one (1) stack (EP01);

(e) Conveying operations with particulate emissions controlled by existing baghouse (GR-1) and exhausting to stack (EP01):

(1) One (1) drag conveyor to grain storage (S-5), identified as EU04, constructed in 1946, modified in 2008 and approved in 2024 for modification, with a maximum throughput of 1,444,500 tons per year, controlled for particulate matter by one (1) baghouse (GR-1) and exhausting to one (1) stack (EP01);

(2) One (1) enclosed drag conveyor (S-5a), identified as EU-04a, constructed in 2011 and approved in 2024 for modification, with a maximum hourly rated capacity of 20,000 bushels and a limited yearly rated capacity of 1,444,500 tons, with particulate emissions controlled by one (1) existing baghouse (GR-1) and exhausting to one (1) stack (EP01);

(3) One (1) jump drag reclaim conveyor for (EU06), identified as EU06a, approved in 2024 for construction, with a maximum rated capacity of 10,000 bushels per hour.

(4) One (1) fill conveyor for concrete silos (EU05), identified as EU05a, approved in 2024 for construction, with a maximum rated capacity of 10,000 bushels per hour.

(5) Grain sweep conveyors for steel storage tanks (EU06), identified as EU06b, approved in 2024 for construction, with a maximum rated capacity of 10,000 bushels per hour.

Under 40 CFR 60, Subpart DD, this is considered an affected facility.

(f) Concrete storage silos, identified as EU05, constructed in 1946, with a maximum throughput of 1,444,500 tons per year;

(g) Two (2) steel storage tank vents, identified as EU06, constructed in 1965, with a maximum throughput of 120,000 tons per year and each steel storage tank vent exhausting through two (2) exhaust fans (per tank) to the atmosphere;

(h) Two (2) conveyors from grain storage (S-6 and S-7), identified as EU07, constructed in 1946, modified in 2008, and approved in 2024 for modification, with a maximum throughput of 1,314,000 tons per year, controlled for particulate matter by one (1) cyclone (CE-18) and one (1) baghouse (CE-05) in series and exhausting to one (1) stack (EP03);

Under 40 CFR 60, Subpart DD, this is considered an affected facility.

(i) One (1) grain cleaner (P-120), identified as EU09, constructed in June of 1990 and modified in 2008, with a maximum throughput of 1,314,000 tons per year, controlled for particulate matter by one (1) cyclone (CE-18) and one (1) baghouse (CE-05) in series and exhausting to one (1) stack (EP03);

Under 40 CFR 60, Subpart DD, this is considered an affected facility.

(j) One (1) E/W bean dryer, identified as EU10, constructed in February of 1986, with a maximum throughput of 1,314,000 tons per year, controlled for particulate matter by one (1) cyclone (CE-06) and one (1) baghouse (BH-06A) in series and exhausting to one (1) stack (EP04);

Under 40 CFR 60, Subpart DD, this is considered an affected facility

(k) Cracking rolls, identified as EU11, constructed in February of 1986 and modified in 2008, with a maximum throughput of 1,314,000 tons per year;

(l) One (1) hull separator system, identified as EU12, constructed in February of 1986 and modified in 2008, with a maximum throughput of 1,314,000 tons per year, controlled for particulate matter by one (1) cyclone (CE-06) and one (1) baghouse (BH-06A) in series and exhausting to one (1) stack (EP04);

(m) One (1) conditioner, identified as EU13, constructed in February of 1986 and modified in 2008, with a maximum throughput of 1,314,000 tons per year, controlled for particulate matter by one (1) cyclone (CE-06) and one (1) baghouse (BH-06A) in series and exhausting to one (1) stack (EP04);

(n) One (1) flaking operation, identified as EU14, constructed in June of 1985 and modified in 2008, with a maximum throughput of 1,314,000 tons per year, controlled for particulate matter by one (1) cyclone (CE-07) and exhausting to one (1) stack (EP05);

(o) One (1) secondary hull screening operation, identified as EU16, constructed in August of 1994 and modified in 2008, with a maximum throughput of 91,980 tons per year, controlled for particulate matter by one baghouse (CE-05) and three (3) cyclones (CE-19, CE-19A and CE-19B) in parallel and exhausting to one (1) stack (EP03);

(p) Two (2) hull grinders (H-250 and H-251), identified as EU17, constructed in June of 1989 and modified in 2008, with a maximum throughput of 91,980 tons per year, controlled for particulate matter by one (1) cyclone (CE-20) and one (1) baghouse (CE-20A) in series and exhausting to one (1) stack (EP20);

(q) Two (2) hull storage bins, identified as EU18, constructed in 1946, with a maximum throughput of 91,980 tons per year and exhausting to one (1) stack (EP03); including one (1) enclosed conveyor T-6, one (1) leg T-7, and one (1) enclosed conveyor T-8;

(r) One (1) hull conveyor, identified as EU19, constructed in 1946 and modified in 2008, with a maximum throughput of 91,980 tons per year;

(s) One (1) pellet mill, identified as EU20, constructed in June of 1992, with a maximum throughput of 91,980 tons per year, controlled for particulate matter by one (1) cyclone (CE-08) and exhausting to one (1) stack (EP07);

(t) One (1) pellet cooler, identified as EU21, constructed in June of 1992, with a maximum throughput of 91,980 tons per year, controlled for particulate matter by one (1) cyclone (CE-08) and exhausting to one (1) stack (EP07);

(u) One (1) pellet storage unit, identified as EU22, constructed in June of 1992, with a maximum throughput of 91,980 tons per year, controlled for particulate matter by one (1) cyclone (CE-18) and one (1) baghouse (CE-05) in series and exhausting to one (1) stack (EP03);

(v) One (1) dryer deck, DTDC - Deck #1, identified as EU23, constructed in May of 1985 and modified in 2008, with a maximum throughput of 1,314,000 tons per year, controlled for particulate matter by one (1) cyclone (CE-09) and exhausting to one (1) stack (EP08A);

(w) Two (2) DTDC dryer decks:

(1) DTDC - Deck #2, identified as EU24, constructed in May of 1985 and modified in 2008, with a maximum throughput of 1,314,000 tons per year, controlled for particulate matter by one (1) cyclone (CE-10) and exhausting to one (1) stack (EP08A);

(2) DTDC - Deck #3, identified as EU24A, and modified in 2008, with a maximum throughput of 1,314,000 tons per year, controlled for particulate matter by one (1) cyclone (CE-10A) and exhausting to one (1) stack (EP09A);

(x) One (1) DTDC - cooler deck, identified as EU25, constructed in May of 1985 and modified in 2008, with a maximum throughput of 1,314,000 tons per year, controlled for particulate matter by one (1) cyclone (CE-11) and exhausting to one (1) stack (EP10);

(y) One (1) meal conveyor (from DTDC to meal screens) (P-152), identified as EU26, constructed in June of 1991 and modified in 2008, with a maximum throughput of 1,051,200 tons per year, controlled for particulate matter by one (1) baghouse (BH-2A) and exhausting to one (1) stack (EP11);

(z) One (1) meal sifting operation, identified as EU27, constructed in June of 1991 and modified in 2008, with a maximum throughput of 1,314,000 tons per year, controlled for particulate matter by one (1) baghouse (BH-2A) and exhausting to one (1) stack (EP11);

(aa) One (1) meal grinding operation, identified as EU28, constructed in June of 1991 and modified in 2008, with a maximum throughput of 1,314,000 tons per year, controlled for particulate matter by one (1) baghouse (BH-2A) and exhausting to one (1) stack (EP11);

(bb) One (1) meal storage elevator leg (P-512), identified as EU29, constructed in June of 1991, modified in 2008, and approved in 2024 for modification, with a maximum throughput of 1,051,200 tons per year, controlled for particulate matter by one (1) baghouse (BH-2A) and exhausting to one (1) stack (EP11);

(cc) One (1) meal storage unit (two tanks), identified as EU30, constructed in 1958 and modified in 2008, with a maximum throughput of 1,051,200 tons per year, controlled for particulate matter by two (2) bin vent filters (BH-30A and BH-30B), one on each tank and each filter exhausting to individual stacks (EP30A and EP30B), including five (5) enclosed conveyors (T-01, T-02, T-03, T-04 and T-05);

Note: The transfer equipment does not allow the source to fill both tanks simultaneously. Meal is loaded into one tank at a time. When one tank becomes full, then the meal will flow into the other remaining tank.

(dd) Two (2) meal surge tanks, identified as EU31, constructed in 1986 and modified in 2008, with a maximum throughput of 1,051,200 tons per year, a portion of emissions controlled for particulate matter by one (1) bin vent filter (BH-31) and exhausting to one (1) stack (EP31);

(ee) One (1) hull pellet surge tank, identified as EU32, constructed in 1986, with a maximum throughput of 91,980 tons per year, a portion of emissions controlled for particulate matter by one (1) bin vent filter (BH-31) and exhausting to one (1) stack (EP31);

(ff) One (1) enclosed conveying system, identified as EU33, constructed in 1988, comprised of five (5) enclosed conveyors (T-9, T-10, T-11, T-12, and T-13), modified in 2012 to replace conveyor T-11. Four (4) of which convey meal from the Middle and West Meal Tanks to truck and rail load out (T-9, T-10, T-12, and T-13) with a maximum throughput of 1,051,200 tons per year, and one (1) conveyor (T-11) which conveys hulls and hull pellets from the East tank to truck and rail loadout with a maximum throughput of 91,980

tons per year;

(gg) One (1) truck meal, hull and hull pellet loadout operation, identified as EU34, constructed in 1988, with a maximum throughput of 1,314,000 tons per year, controlled for particulate matter by one (1) baghouse (ML-1) and exhausting to one (1) stack (EP12);

(hh) One (1) rail meal, hull and hull pellet loadout operation, identified as EU35, constructed in 1988, with a maximum throughput of 1,314,000 tons per year, controlled for particulate matter by one (1) baghouse (ML-1) and exhausting to one (1) stack (EP12), including two (2) drag conveyors (T-14 and T-15);

(ii) One (1) meal clay storage unit, identified as EU36, constructed in 1986, with a maximum throughput of 6,570 tons per year, controlled for particulate matter by one (1) baghouse (MC-1) and exhausting to one (1) stack (EP13);

(jj) One (1) refinery clay storage unit, identified as EU37, constructed in 1992, with a maximum throughput of 4,500 tons per year, controlled for particulate matter by one (1) baghouse (RCB) and exhausting to one (1) stack (EP14);

(kk) One (1) oil extraction process using hexane solvent, identified as EU38, constructed in May of 1985 and modified in 2008, with a maximum throughput of 1,314,000 tons per year and emissions released through a number of exit streams in the process collectively called the “hexane bubble”. The process is equipped with one (1) mineral oil absorber/scrubber (CE-22), which exhausts through one (1) stack (EP25). This process is also equipped with a once-through cold water condenser located between the vent condenser and the mineral oil absorber/scrubber;

Under 40 CFR 63, Subpart GGGG, this is considered an affected facility.

(ll) One (1) natural gas-fired package boiler, identified as EU40, approved in 2022 for construction, with a maximum heat input capacity of 144 MBtu/hr, using no control, and exhausting to stack (EP15).

Under 40 CFR 60, Subpart Db, this is considered an affected facility.
Under 40 CFR 63, Subpart DDDDD, this is considered a new affected facility.

(mm) Boiler #3, identified as EU41, constructed in 1992, with a rated capacity of 82.5 MMBtu per hour and firing natural gas, exhausting to one (1) stack (EP17);

Under 40 CFR 60, Subpart Dc, this is considered an affected facility.
Under 40 CFR 63, Subpart DDDDD, this is considered an affected facility.

(nn) One (1) Refinery Boiler, identified as EU42, constructed in 2000, with a rated capacity of 13 MMBtu per hour and firing natural gas, exhausting to one (1) stack (EP18);

Under 40 CFR 60, Subpart Dc, this is considered an affected facility.
Under 40 CFR 63, Subpart DDDDD, this is considered an affected facility.

(oo) One (1) vertical seed conditioner, also referred to as a steam-heated soybean heater, identified as EU44, constructed in 2008, with a maximum throughput of 1,314,000 tons per year, controlled for particulate matter by one (1) baghouse (BH-44) and exhausting to one (1) stack (EP44);

(pp) Boiler #4, identified as EU46, constructed in 2008, with a rated capacity of 145 MMBtu per hour firing natural gas, exhausting to one (1) stack (EP46);

Under 40 CFR 60, Subpart Db, this is considered an affected facility.
Under 40 CFR 63, Subpart DDDDD, this is considered an affected facility.

(qq) Stockpiling of soybean meal in railcars and trucks at a limited throughput of 100,000 tons/year, combined with soybean hulls and hull pellets, utilizing existing grain receiving/unloading pits EU01 and EU02, elevator leg EU03, conveyor EU04, EU05 grain storage, conveyor EU28A, storage tanks EU30, surge tanks EU31, enclosed conveying system EU33, and rail and truck meal loadout EU34 and EU35, constructed in 2008;

(rr) Stockpiling soybean hulls in railcars and trucks at a limited throughput of 100,000 tons/year, combined with soybean meal and hull pellets, utilizing existing grain receiving/unloading pits EU01 and EU02, elevator leg EU03, conveyor EU04, EU05 grain storage, storage tanks EU18, surge tanks EU32, enclosed conveying system EU33, and rail and truck meal loadout EU34 and EU35, constructed in 2011;

(ss) Stockpiling soybean hull pellets in railcars and trucks at a limited throughput of100,000 tons/year, combined with soybean meal and hull pellets, utilizing existing grain receiving/unloading pits EU01 and EU02, elevator leg EU03, conveyor EU04, EU05 grain storage, storage tanks EU18, surge tanks EU32, enclosed conveying system EU33, and rail and truck meal loadout EU34 and EU35, constructed in 2011.

(tt) One (1) Expander System identified as EU15, approved in 2024, for construction, consisting of: two feeder augers, Expander 1 and Expander 2, each with an eight hundred (800) ton per day capacity, and a Dryer/Cooler with a capacity of sixteen hundred (1,600) tons per day, two drag conveyors feeding the product back to the flaking operation; particulates from Expander 1, Expander 2, and the Dryer/Cooler are controlled by a cyclone, identified as CE-15, exhausting to stack EP-16.

(uu) One (1) rail soybean meal receiving station, identified as EU-51, approved in 2024 for construction, with a maximum capacity of 125 tons of soybean meal per hour, using baghouse (BH-2A) as control, and exhausting to stack (EP11).

A.3 Specifically Regulated Insignificant Activities
[326 IAC 2-7-1(21)][326 IAC 2-7-4(c)][326 IAC 2-7-5(14)]

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

(a) Parts cleaning operation consisting of a non-VOC solution.

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

(c) Paved and unpaved roads with limited public access

(d) The following activities with emissions equal to or less than insignificant thresholds:

(1) One (1) cooling tower (CT#7), identified as EU45, with a design recirculation rate of 1,500 gal/min.

(2) Six (6) Cooling Towers (CT#1 thru CT#6), identified as EU48, constructed from 1985 through 1996, three (3) with a design recirculation rate of 2315 gal/min, one (1) with a design recirculation rate of 1925 gal/min and two (2) with a design recirculation rates 1500 gal/min.

(3) One (1) silica clay storage silo, identified as EU47, constructed in 2002, with a

maximum throughput of 450 tons per year, particulate emissions controlled by a baghouse (RC-2) and exhausting through one (1) stack (EP19).

(e) One (1) stationary diesel emergency fire pump identified as EU49, constructed in 1985, with a 230 horsepower engine, using no controls, and exhausting to the atmosphere.

Under 40 CFR 63, Subpart ZZZZ, the diesel-fired emergency fire pump is considered an existing affected facility.

A.4 Part 70 Permit Applicability [326 IAC 2-7-2]

This stationary source is required to have a Part 70 permit by 326 IAC 2-7-2 (Applicability) because:

(a) It is a major source, as defined in 326 IAC 2-7-1(22);

(b) It is a source in a source category designated by the United States Environmental Protection Agency (U.S. EPA) under 40 CFR 70.3 (Part 70 - Applicability).

SECTION B GENERAL CONDITIONS

B.1 Definitions [326 IAC 2-7-1]

Terms in this permit shall have the definition assigned to such terms in the referenced regulation. In the absence of definitions in the referenced regulation, the applicable definitions found in the statutes or regulations (IC 13-11, 326 IAC 1-2 and 326 IAC 2-7) shall prevail.

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

(a) This permit, T023-41016-00011, is issued for a fixed term of five (5) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date of this permit.

(b) If IDEM, OAQ, upon receiving a timely and complete renewal permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, including any permit shield provided in 326 IAC 2-7-15, until the renewal permit has been issued or denied.

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

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

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

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

B.4 Enforceability [326 IAC 2-7-7] [IC 13-17-12]

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

B.5 Severability [326 IAC 2-7-5(5)]

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

B.6 Property Rights or Exclusive Privilege [326 IAC 2-7-5(6)(D)]

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

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

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

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

B.8 Certification [326 IAC 2-7-4(f)][326 IAC 2-7-6(1)][326 IAC 2-7-5(3)(C)]

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

(1) it contains a certification by a "responsible official" as defined by 326 IAC 2-7-1(35), and

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

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

(c) A "responsible official" is defined at 326 IAC 2-7-1(35).

B.9 Annual Compliance Certification [326 IAC 2-7-6(5)]

(a) The Permittee shall annually submit a compliance certification report which addresses the status of the source's compliance with the terms and conditions contained in this permit, including emission limitations, standards, or work practices. All certifications shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted no later than July 1 of each year to:

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

and

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

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

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

(1) The appropriate identification of each term or condition of this permit that is the basis of the certification;

(2) The compliance status;

(3) Whether compliance was continuous or intermittent;

(4) The methods used for determining the compliance status of the source, currently and over the reporting period consistent with 326 IAC 2-7-5(3); and

(5) Such other facts, as specified in Sections D of this permit, as IDEM, OAQ may require to determine the compliance status of the source.

The submittal by the Permittee does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

B.10 Preventive Maintenance Plan [326 IAC 2-7-5(12)][326 IAC 1-6-3]

(a) A Preventive Maintenance Plan meets the requirements of 326 IAC 1-6-3 if it includes, at a minimum:

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

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

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

The Permittee shall implement the PMPs.

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

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

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

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

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

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

The PMP extension notification does not require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

The Permittee shall implement the PMPs.

(c) A copy of the PMPs shall be submitted to IDEM, OAQ upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or is the primary contributor to an exceedance of any limitation on emissions. The PMPs and their submittal do not require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

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

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

(a) An emergency, as defined in 326 IAC 2-7-1(12), is not an affirmative defense for an action brought for noncompliance with a federal or state health-based emission limitation.

(b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describe the following:

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

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

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

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

Telephone Number: 1-800-451-6027 (ask for Office of Air Quality, Compliance and Enforcement Branch), or
Telephone Number: 317-233-0178 (ask for Office of Air Quality, Compliance and Enforcement Branch)
Facsimile Number: 317-233-6865

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

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

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

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

(A) A description of the emergency;

(B) Any steps taken to mitigate the emissions; and

(C) Corrective actions taken.

The notification which shall be submitted by the Permittee does not require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

(6) The Permittee immediately took all reasonable steps to correct the emergency.

(c) In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.

(d) This emergency provision supersedes 326 IAC 1-6 (Malfunctions). This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.

(e) The Permittee seeking to establish the occurrence of an emergency shall make records available upon request to ensure that failure to implement a PMP did not cause or contribute to an exceedance of any limitations on emissions. However, IDEM, OAQ may require that the Preventive Maintenance Plans required under 326 IAC 2-7-4(c)(8) be revised in response to an emergency.

(f) Failure to notify IDEM, OAQ by telephone or facsimile of an emergency lasting more than one (1) hour in accordance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-7 and any other applicable rules.

(g) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.

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

(a) Pursuant to 326 IAC 2-7-15, the Permittee has been granted a permit shield. The permit shield provides that compliance with the conditions of this permit shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that either the applicable requirements are included and specifically identified in this permit or the permit contains an explicit determination or concise summary of a determination that other specifically identified requirements are not applicable. The Indiana statutes from IC 13 and rules from 326 IAC, referenced in conditions in this permit, are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a Part 70 permit under 326 IAC 2-7 or for applicable requirements for which a permit shield has been granted.

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

(b) If, after issuance of this permit, it is determined that the permit is in nonconformance with an applicable requirement that applied to the source on the date of permit issuance, IDEM, OAQ shall immediately take steps to reopen and revise this permit and issue a compliance order to the Permittee to ensure expeditious compliance with the applicable requirement until the permit is reissued. The permit shield shall continue in effect so long as the Permittee is in compliance with the compliance order.

(c) No permit shield shall apply to any permit term or condition that is determined after issuance of this permit to have been based on erroneous information supplied in the permit application. Erroneous information means information that the Permittee knew to be false, or in the exercise of reasonable care should have been known to be false, at the time the information was submitted.

(d) Nothing in 326 IAC 2-7-15 or in this permit shall alter or affect the following:

(1) The provisions of Section 303 of the Clean Air Act (emergency orders), including the authority of the U.S. EPA under Section 303 of the Clean Air Act;

(2) The liability of the Permittee for any violation of applicable requirements prior to or at the time of this permit's issuance;

(3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the Clean Air Act; and

(4) The ability of U.S. EPA to obtain information from the Permittee under Section 114 of the Clean Air Act.

(e) This permit shield is not applicable to any change made under 326 IAC 2-7-20(b)(2) (Sections 502(b)(10) of the Clean Air Act changes) and 326 IAC 2-7-20(c)(2) (trading based on State Implementation Plan (SIP) provisions).

(f) This permit shield is not applicable to modifications eligible for group processing until after IDEM, OAQ, has issued the modifications. [326 IAC 2-7-12(c)(7)]

(g) This permit shield is not applicable to minor Part 70 permit modifications until after IDEM, OAQ, has issued the modification. [326 IAC 2-7-12(b)(8)]

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

(a) All terms and conditions of permits established prior to T023-41016-00011 and issued pursuant to permitting programs approved into the state implementation plan have been either:

(1) incorporated as originally stated,

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

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

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

B.14 Termination of Right to Operate [326 IAC 2-7-10][326 IAC 2-7-4(a)]

The Permittee's right to operate this source terminates with the expiration of this permit unless a timely and complete renewal application is submitted at least nine (9) months prior to the date of expiration of the source’s existing permit, consistent with 326 IAC 2-7-3 and 326 IAC 2-7-4(a).

B.15 Permit Modification, Reopening, Revocation and Reissuance, or Termination [326 IAC 2-7-5(6)(C)][326 IAC 2-7-8(a)][326 IAC 2-7-9]

(a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Part 70 Operating Permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit.

[326 IAC 2-7-5(6)(C)] The notification by the Permittee does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

(b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAQ determines any of the following:

(1) That this permit contains a material mistake.

(2) That inaccurate statements were made in establishing the emissions standards or other terms or conditions.

(3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-7-9(a)(3)]

(c) Proceedings by IDEM, OAQ to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-7-9(b)]

(d) The reopening and revision of this permit, under 326 IAC 2-7-9(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAQ at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ may provide a shorter time period in the case of an emergency. [326 IAC 2-7-9(c)]

B.16 Permit Renewal [326 IAC 2-7-3][326 IAC 2-7-4][326 IAC 2-7-8(e)]

(a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAQ and shall include the information specified in 326 IAC 2-7-4. Such information shall be included in the application for each emission unit at this source, except those emission units included on the trivial or insignificant activities list contained in 326 IAC 2-7-1(21) and 326 IAC 2-7-1(42). The renewal application does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

Request for renewal shall be submitted to:

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

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

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

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

(c) If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-7 until IDEM, OAQ takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the

deadline specified, pursuant to 326 IAC 2-7-4(a)(2)(D), in writing by IDEM, OAQ any additional information identified as being needed to process the application.

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

(a) Permit amendments and modifications are governed by the requirements of 326 IAC 2-7-11 or 326 IAC 2-7-12 whenever the Permittee seeks to amend or modify this permit.

(b) Any application requesting an amendment or modification of this permit shall be submitted to:

Indiana Department of Environmental Management
Permit Administration and Support Section, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
Any such application does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

(c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]

B.18 Permit Revision Under Economic Incentives and Other Programs [326 IAC 2-7-5(8)][326 IAC 2-7-12(b)(2)]

(a) No Part 70 permit revision or notice shall be required under any approved economic incentives, marketable Part 70 permits, emissions trading, and other similar programs or processes for changes that are provided for in a Part 70 permit.

(b) Notwithstanding 326 IAC 2-7-12(b)(1) and 326 IAC 2-7-12(c)(1), minor Part 70 permit modification procedures may be used for Part 70 modifications involving the use of economic incentives, marketable Part 70 permits, emissions trading, and other similar approaches to the extent that such minor Part 70 permit modification procedures are explicitly provided for in the applicable State Implementation Plan (SIP) or in applicable requirements promulgated or approved by the U.S. EPA.

B.19 Operational Flexibility [326 IAC 2-7-20][326 IAC 2-7-10.5]

(a) The Permittee may make any change or changes at the source that are described in 326 IAC 2-7-20(b) or (c) without a prior permit revision, if each of the following conditions is met:

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

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

(3) The changes do not result in emissions which exceed the limitations provided in this permit (whether expressed herein as a rate of emissions or in terms of total emissions);

(4) The Permittee notifies the:

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

and

United States Environmental Protection Agency, Region 5
Air and Radiation Division, Regulation Development Branch - Indiana (AR-18J)
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

in advance of the change by written notification at least ten (10) days in advance of the proposed change. The Permittee shall attach every such notice to the Permittee's copy of this permit; and

(5) The Permittee maintains records on-site, on a rolling five (5) year basis, which document all such changes and emission trades that are subject to 326 IAC 2-7-20(b)(1) and (c)(1). The Permittee shall make such records available, upon reasonable request, for public review.

Such records shall consist of all information required to be submitted to IDEM, OAQ in the notices specified in 326 IAC 2-7-20(b)(1) and (c)(1).

(b) The Permittee may make Section 502(b)(10) of the Clean Air Act changes (this term is defined at 326 IAC 2-7-1(37)) without a permit revision, subject to the constraint of 326 IAC 2-7-20(a). For each such Section 502(b)(10) of the Clean Air Act change, the required written notification shall include the following:

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

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

(3) Any change in emissions; and

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

The notification which shall be submitted is not considered an application form, report or compliance certification. Therefore, the notification by the Permittee does not require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

(c) Emission Trades [326 IAC 2-7-20(c)]
The Permittee may trade emissions increases and decreases at the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-7-20(c).

(d) Alternative Operating Scenarios [326 IAC 2-7-20(d)]
The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-7-5(9). No prior notification of IDEM, OAQ or U.S. EPA is required.

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

B.20 Source Modification Requirement [326 IAC 2-7-10.5]

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

B.21 Inspection and Entry [326 IAC 2-7-6][IC 13-14-2-2][IC 13-30-3-1][IC 13-17-3-2]

Upon presentation of proper identification cards, credentials, and other documents as may be required by law, and subject to the Permittee's right under all applicable laws and regulations to assert that the information collected by the agency is confidential and entitled to be treated as such, the Permittee shall allow IDEM, OAQ, U.S. EPA, or an authorized representative to perform the following:

(a) Enter upon the Permittee's premises where a Part 70 source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;

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

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

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

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

B.22 Transfer of Ownership or Operational Control [326 IAC 2-7-11]

(a) The Permittee must comply with the requirements of 326 IAC 2-7-11 whenever the Permittee seeks to change the ownership or operational control of the source and no other change in the permit is necessary.

(b) Any application requesting a change in the ownership or operational control of the source shall contain a written agreement containing a specific date for transfer of permit responsibility, coverage and liability between the current and new Permittee. The application shall be submitted to:

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

Any such application does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

(c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]

B.23 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-7-5(7)][326 IAC 2-1.1-7]

(a) The Permittee shall pay annual fees to IDEM, OAQ within thirty (30) calendar days of receipt of a billing. Pursuant to 326 IAC 2-7-19(b), if the Permittee does not receive a bill from IDEM, OAQ the applicable fee is due April 1 of each year.

(b) Except as provided in 326 IAC 2-7-19(e), failure to pay may result in administrative enforcement action or revocation of this permit.

(c) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-8590 (ask for OAQ, Billing, Licensing, and Training Section), to determine the appropriate permit fee.

B.24 Credible Evidence [326 IAC 2-7-5(3)][326 IAC 2-7-6][62 FR 8314] [326 IAC 1-1-6]

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

SECTION C SOURCE OPERATION CONDITIONS

Entire Source

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

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

Pursuant to 326 IAC 6-3-2(e)(2), particulate emissions from any process not exempt under 326 IAC 6-3-1(b) or (c) which has a maximum process weight rate less than 100 pounds per hour and the methods in 326 IAC 6-3-2(b) through (d) do not apply shall not exceed 0.551 pounds per hour.

C.2 Opacity [326 IAC 5-1]

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

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

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

C.3 Open Burning [326 IAC 4-1] [IC 13-17-9]

The Permittee shall not open burn any material except as provided in 326 IAC 4-1-3, 326 IAC 4-1-4 or 326 IAC 4-1-6. The previous sentence notwithstanding, the Permittee may open burn in accordance with an open burning approval issued by the Commissioner under 326 IAC 4-1-4.1.

C.4 Incineration [326 IAC 4-2] [326 IAC 9-1-2]

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

C.5 Fugitive Dust Emissions [326 IAC 6-4]

The Permittee shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4 (Fugitive Dust Emissions). 326 IAC 6-4-2(4) is not federally enforceable.

C.6 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]

(a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.

(b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:

(1) When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or

(2) If there is a change in the following:

(A) Asbestos removal or demolition start date;

(B) Removal or demolition contractor; or

(C) Waste disposal site.

(c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(c).

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

All required notifications shall be submitted to:

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

The notice shall include a signed certification from the owner or operator that the information provided in this notification is correct and that only Indiana licensed workers and project supervisors will be used to implement the asbestos removal project. The notifications do not require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

(e) Procedures for Asbestos Emission Control
The Permittee shall comply with the applicable emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-1, emission control requirements are applicable for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet on all facility components.

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

(g) Indiana Licensed Asbestos Inspector
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Licensed Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement to use an Indiana Licensed Asbestos inspector is not federally enforceable.

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

C.7 Performance Testing [326 IAC 3-6]

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

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

no later than thirty-five (35) days prior to the intended test date. The protocol submitted by the Permittee does not require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

(b) The Permittee shall notify IDEM, OAQ of the actual test date at least fourteen (14) days prior to the actual test date. The notification submitted by the Permittee does not require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

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

Compliance Requirements [326 IAC 2-1.1-11]

C.8 Compliance Requirements [326 IAC 2-1.1-11]

The commissioner may require stack testing, monitoring, or reporting at any time to assure compliance with all applicable requirements by issuing an order under 326 IAC 2-1.1-11. Any monitoring or testing shall be performed in accordance with 326 IAC 3 or other methods approved by the commissioner or the U. S. EPA.

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

C.9 Compliance Monitoring [326 IAC 2-7-5(3)][326 IAC 2-7-6(1)][40 CFR 64][326 IAC 3-8]

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

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

Indiana Department of Environmental Management
Compliance and Enforcement Branch, Office of Air Quality
100 North Senate Avenue

MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

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

The notification which shall be submitted by the Permittee does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

(c) For monitoring required by CAM, at all times, the Permittee shall maintain the monitoring, including but not limited to, maintaining necessary parts for routine repairs of the monitoring equipment.

(d) For monitoring required by CAM, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments), the Permittee shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating. Data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities shall not be used for purposes of this part, including data averages and calculations, or fulfilling a minimum data availability requirement, if applicable. The owner or operator shall use all the data collected during all other periods in assessing the operation of the control device and associated control system. A monitoring malfunction is any sudden, infrequent, not reasonably preventable failure of the monitoring to provide valid data. Monitoring failures that are caused in part by poor maintenance or careless operation are not malfunctions.

C.10 Instrument Specifications [326 IAC 2-1.1-11] [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]

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

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

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

C.11 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]

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

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

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

C.12 Risk Management Plan [326 IAC 2-7-5(11)] [40 CFR 68]

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

C.13 Response to Excursions or Exceedances [40 CFR 64][326 IAC 3-8][326 IAC 2-7-5] [326 IAC 2-7-6]

(I) Upon detecting an excursion where a response step is required by the D Section, or an exceedance of a limitation, not subject to CAM, in this permit:

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

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

(1) initial inspection and evaluation;

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

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

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

(1) monitoring results;

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

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

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

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

(II)

(a) CAM *Response to excursions or exceedances.*

(1) Upon detecting an excursion or exceedance, subject to CAM, the Permittee shall restore operation of the pollutant-specific emissions unit (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions. The response shall include minimizing the period of any startup, shutdown or malfunction and taking any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). Such actions may include initial inspection and evaluation, recording that operations returned to normal without operator action (such as through response by a computerized distribution control system), or any necessary follow-up actions to return operation to within the indicator range, designated condition, or below the applicable emission limitation or standard, as applicable.

(2) Determination of whether the Permittee has used acceptable procedures in response to an excursion or exceedance will be based on information available, which may include but is not limited to, monitoring results, review of operation and maintenance procedures and records, and inspection of the control device, associated capture system, and the process.

(b) If the Permittee identifies a failure to achieve compliance with an emission limitation, subject to CAM, or standard, subject to CAM, for which the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions, the Permittee shall promptly notify the IDEM, OAQ and, if necessary, submit a proposed significant permit modification to this permit to address the necessary monitoring changes. Such a modification may include, but is not limited to, reestablishing indicator ranges or designated conditions, modifying the frequency of conducting monitoring and collecting data, or the monitoring of additional parameters.

(c) Based on the results of a determination made under paragraph (II)(a)(2) of this condition, the EPA or IDEM, OAQ may require the Permittee to develop and implement a Quality Improvement Plan (QIP). The Permittee shall develop and implement a QIP if notified to in writing by the EPA or IDEM, OAQ.

(d) Elements of a QIP:
The Permittee shall maintain a written QIP, if required, and have it available for inspection. The plan shall conform to 40 CFR 64.8 b (2).

(e) If a QIP is required, the Permittee shall develop and implement a QIP as expeditiously as practicable and shall notify the IDEM, OAQ if the period for completing the improvements contained in the QIP exceeds 180 days from the date on which the need to implement the QIP was determined.

(f) Following implementation of a QIP, upon any subsequent determination pursuant to paragraph (II)(a)(2) of this condition the EPA or the IDEM, OAQ may require that the Permittee make reasonable changes to the QIP if the QIP is found to have:

(1) Failed to address the cause of the control device performance problems; or

(2) Failed to provide adequate procedures for correcting control device performance problems as expeditiously as practicable in accordance with good air pollution control practices for minimizing emissions.

(g) Implementation of a QIP shall not excuse the Permittee from compliance with any existing emission limitation or standard, or any existing monitoring, testing, reporting or recordkeeping requirement that may apply under federal, state, or local law, or any other applicable requirements under the Act.

(h) *CAM recordkeeping requirements.*

(1) The Permittee shall maintain records of monitoring data, monitor performance data, corrective actions taken, any written quality improvement plan required pursuant to paragraph (II)(c) of this condition and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under this condition (such as data used to document the adequacy of monitoring, or

records of monitoring maintenance or corrective actions). Section C - General Record Keeping Requirements of this permit contains the Permittee's obligations with regard to the records required by this condition.

(2) Instead of paper records, the owner or operator may maintain records on alternative media, such as microfilm, computer files, magnetic tape disks, or microfiche, provided that the use of such alternative media allows for expeditious inspection and review, and does not conflict with other applicable recordkeeping requirements

C.14 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-7-5][326 IAC 2-7-6]

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

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

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

The response action documents submitted pursuant to this condition do require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

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

C.15 Emission Statement [326 IAC 2-7-5(3)(C)(iii)][326 IAC 2-7-5(7)][326 IAC 2-7-19(c)][326 IAC 2-6]

Pursuant to 326 IAC 2-6-3(a)(1), the Permittee shall submit by July 1 of each year an emission statement covering the previous calendar year. The emission statement shall contain, at a minimum, the information specified in 326 IAC 2-6-4(c) and shall meet the following requirements:

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

(2) Indicate estimated actual emissions of regulated pollutants as defined by 326 IAC 2-7-1(33) (“Regulated pollutant, which is used only for purposes of Section 19 of this rule”) from the source, for purpose of fee assessment.

The statement must be submitted to:

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

The emission statement does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35).

C.16 General Record Keeping Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-6] [326 IAC 2-2][326 IAC 2-3]

(a) Records of all required monitoring data, reports and support information required by this permit shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. Support information includes the following, where applicable:

(AA) All calibration and maintenance records.
(BB) All original strip chart recordings for continuous monitoring instrumentation.
(CC) Copies of all reports required by the Part 70 permit.

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

(AA) The date, place, as defined in this permit, and time of sampling or measurements.
(BB) The dates analyses were performed.
(CC) The company or entity that performed the analyses.
(DD) The analytical techniques or methods used.
(EE) The results of such analyses.
(FF) The operating conditions as existing at the time of sampling or measurement.

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

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

(c) If there is a reasonable possibility (as defined in 326 IAC 2-2-8 (b)(6)(A), 326 IAC 2-2-8 (b)(6)(B), 326 IAC 2-3-2 (l)(6)(A), and/or 326 IAC 2-3-2 (l)(6)(B)) that a "project" (as defined in 326 IAC 2-2-1(oo) and/or 326 IAC 2-3-1(jj)) at an existing emissions unit, other than projects at a source with a Plantwide Applicability Limitation (PAL), which is not part of a "major modification" (as defined in 326 IAC 2-2-1(dd) and/or 326 IAC 2-3-1(y)) may result in significant emissions increase and the Permittee elects to utilize the "projected actual emissions" (as defined in 326 IAC 2-2-1(pp) and/or 326 IAC 2-3-1(kk)), the Permittee shall comply with following:

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

(A) A description of the project.

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

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

(i) Baseline actual emissions;

(ii) Projected actual emissions;

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

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

(d) If there is a reasonable possibility (as defined in 326 IAC 2-2-8 (b)(6)(A) and/or 326 IAC 2-3-2 (l)(6)(A)) that a "project" (as defined in 326 IAC 2-2-1(oo) and/or 326 IAC 2-3-1(jj)) at an existing emissions unit, other than projects at a source with a Plantwide Applicability Limitation (PAL), which is not part of a "major modification" (as defined in 326 IAC 2-2-1(dd) and/or 326 IAC 2-3-1(y)) may result in significant emissions increase and the Permittee elects to utilize the "projected actual emissions" (as defined in 326 IAC 2-2-1(pp) and/or 326 IAC 2-3-1(kk)), the Permittee shall comply with following:

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

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

C.17 General Reporting Requirements [326 IAC 2-7-5(3)(C)] [326 IAC 2-1.1-11] [326 IAC 2-2][326 IAC 2-3] [40 CFR 64][326 IAC 3-8]

(a) The Permittee shall submit the attached Quarterly Deviation and Compliance Monitoring Report or its equivalent. Proper notice submittal under Section B –Emergency Provisions satisfies the reporting requirements of this paragraph. Any deviation from permit requirements, the date(s) of each deviation, the cause of the deviation, and the response steps taken must be reported except that a deviation required to be reported pursuant to an applicable requirement that exists independent of this permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report. This report shall be submitted not later than thirty (30) days after the end of the reporting period. The Quarterly Deviation and Compliance Monitoring Report shall include a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official" as defined by 326 IAC 2-7-1(35). A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit.

On and after the date by which the Permittee must use monitoring that meets the requirements of 40 CFR Part 64 and 326 IAC 3-8, the Permittee shall submit CAM reports to the IDEM, OAQ.

A report for monitoring under 40 CFR Part 64 and 326 IAC 3-8 shall include, at a minimum, the information required under paragraph (a) of this condition and the following information, as applicable:

(1) Summary information on the number, duration and cause (including unknown cause, if applicable) of excursions or exceedances, as applicable, and the corrective actions taken;

(2) Summary information on the number, duration and cause (including unknown cause, if applicable) for monitor downtime incidents (other than downtime associated with zero and span or other daily calibration checks, if applicable); and

(3) A description of the actions taken to implement a QIP during the reporting period as specified in Section C-Response to Excursions or Exceedances. Upon completion of a QIP, the owner or operator shall include in the next summary report documentation that the implementation of the plan has been completed and reduced the likelihood of similar levels of excursions or exceedances occurring.

The Permittee may combine the Quarterly Deviation and Compliance Monitoring Report and a report pursuant to 40 CFR 64 and 326 IAC 3-8.

(b) The address for report submittal is:

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

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

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

(e) If the Permittee is required to comply with the recordkeeping provisions of (d) in Section C - General Record Keeping Requirements for any "project" (as defined in 326 IAC 2-2-1 (oo) and/or 326 IAC 2-3-1 (jj)) *at an existing emissions unit*, and the project meets the following criteria, then the Permittee shall submit a report to IDEM, OAQ:

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

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

(f) The report for project at an existing emissions *unit* shall be submitted no later than sixty (60) days after the end of the year and contain the following:

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

(2) The annual emissions calculated in accordance with (d)(1) and (2) in Section C - General Record Keeping Requirements.

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

(4) Any other information that the Permittee wishes to include in this report such as an explanation as to why the emissions differ from the preconstruction projection.

Reports required in this part shall be submitted to:

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

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

Stratospheric Ozone Protection

C.18 Compliance with 40 CFR 82 and 326 IAC 22-1

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

SECTION D.1 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

(a) One (1) rail unloading operation, identified as EU01, constructed in 1946 modified in 2004 and approved in 2024 for modification, with a maximum throughput of 1,444,500 tons per year, controlled for particulate matter by one (1) baghouse (GR-1) and exhausting to one (1) stack (EP01), including the following:

(1) Two (2) discharge drag conveyors (S-1 and S-1A), approved in 2024 for modification;

Under 40 CFR 60, Subpart DD, this is considered an affected facility.

(b) One (1) truck unloading operation, identified as EU02, constructed in 1946 and approved in 2024 for modification, with a maximum throughput of 1,444,500 tons per year, controlled for particulate matter by one (1) baghouse (GR-1) and exhausting to one (1) stack (EP01), including one (1) discharge drag conveyor (S-2);

(c) One (1) truck receiving pit, identified as EU50, approved in 2024 for construction, with a maximum capacity of 900 tons per hour, using baghouse (GR-1) as control, and exhausting to stack (EP01), including the following:

(1) One (1) drag conveyor, identified as EU50a, approved in 2024 for construction, with a maximum throughput capacity of 900 tons per hour.

(d) Two (2) elevator legs (S-3 and S-4), identified as EU03, constructed in 1946 and approved in 2024 for modification, with a maximum throughput of 1,444,500 tons per year, controlled for particulate matter by one (1) baghouse (GR-1) and exhausting to one (1) stack (EP01);

(e) Conveying operations with particulate emissions controlled by existing baghouse (GR-1) and exhausting to stack (EP01):

(1) One (1) drag conveyor to grain storage (S-5), identified as EU04, constructed in 1946, modified in 2008 and approved in 2024 for modification, with a maximum throughput of 1,444,500 tons per year, controlled for particulate matter by one (1) baghouse (GR-1) and exhausting to one (1) stack (EP01);

(2) One (1) enclosed drag conveyor (S-5a), identified as EU-04a, constructed in 2011 and approved in 2024 for modification, with a maximum hourly rated capacity of 20,000 bushels and a limited yearly rated capacity of 1,444,500 tons, with particulate emissions controlled by one (1) existing baghouse (GR-1) and exhausting to one (1) stack (EP01);

(3) One (1) jump drag reclaim conveyor for (EU06), identified as EU06a, approved in 2024 for construction, with a maximum rated capacity of 10,000 bushels per hour.

(4) One (1) fill conveyor for concrete silos (EU05), identified as EU05a, approved in 2024 for construction, with a maximum rated capacity of 10,000 bushels per hour.

(5) Grain sweep conveyors for steel storage tanks (EU06), identified as EU06b, approved in 2024 for construction, with a maximum rated capacity of 10,000 bushels per hour.

Under 40 CFR 60, Subpart DD, this is considered an affected facility.

(f) Concrete storage silos, identified as EU05, constructed in 1946, with a maximum throughput of 1,444,500 tons per year;

(g) Two (2) steel storage tank vents, identified as EU06, constructed in 1965, with a maximum throughput of 120,000 tons per year and each steel storage tank vent exhausting through two (2) exhaust fans (per tank) to the atmosphere;

(h) Two (2) conveyors from grain storage (S-6 and S-7), identified as EU07, constructed in 1946, modified in 2008, and approved in 2024 for modification, with a maximum throughput of 1,314,000 tons per year, controlled for particulate matter by one (1) cyclone (CE-18) and one (1) baghouse (CE-05) in series and exhausting to one (1) stack (EP03);

Under 40 CFR 60, Subpart DD, this is considered an affected facility.

(i) One (1) grain cleaner (P-120), identified as EU09, constructed in June of 1990 and modified in 2008, with a maximum throughput of 1,314,000 tons per year, controlled for particulate matter by one (1) cyclone (CE-18) and one (1) baghouse (CE-05) in series and exhausting to one (1) stack (EP03);

Under 40 CFR 60, Subpart DD, this is considered an affected facility.

(j) One (1) E/W bean dryer, identified as EU10, constructed in February of 1986, with a maximum throughput of 1,314,000 tons per year, controlled for particulate matter by one (1) cyclone (CE-06) and one (1) baghouse (BH-06A) in series and exhausting to one (1) stack (EP04);

Under 40 CFR 60, Subpart DD, this is considered an affected facility

(k) Cracking rolls, identified as EU11, constructed in February of 1986 and modified in 2008, with a maximum throughput of 1,314,000 tons per year;

(l) One (1) hull separator system, identified as EU12, constructed in February of 1986 and modified in 2008, with a maximum throughput of 1,314,000 tons per year, controlled for particulate matter by one (1) cyclone (CE-06) and one (1) baghouse (BH-06A) in series and exhausting to one (1) stack (EP04);

(m) One (1) conditioner, identified as EU13, constructed in February of 1986 and modified in 2008, with a maximum throughput of 1,314,000 tons per year, controlled for particulate matter by one (1) cyclone (CE-06) and one (1) baghouse (BH-06A) in series and exhausting to one (1) stack (EP04);

(n) One (1) flaking operation, identified as EU14, constructed in June of 1985 and modified in 2008, with a maximum throughput of 1,314,000 tons per year, controlled for particulate matter by one (1) cyclone (CE-07) and exhausting to one (1) stack (EP05);

(o) One (1) secondary hull screening operation, identified as EU16, constructed in August of 1994 and modified in 2008, with a maximum throughput of 91,980 tons per year, controlled for particulate matter by one baghouse (CE-05) and three (3) cyclones (CE-19, CE-19A and CE-19B) in parallel and exhausting to one (1) stack (EP03);

(p) Two (2) hull grinders (H-250 and H-251), identified as EU17, constructed in June of 1989 and modified in 2008, with a maximum throughput of 91,980 tons per year, controlled for particulate matter by one (1) cyclone (CE-20) and one (1) baghouse (CE-20A) in series and exhausting to one (1) stack (EP20);

(q) Two (2) hull storage bins, identified as EU18, constructed in 1946, with a maximum throughput of 91,980 tons per year and exhausting to one (1) stack (EP03); including one (1) enclosed conveyor T-6, one (1) leg T-7, and one (1) enclosed conveyor T-8;

(r) One (1) hull conveyor, identified as EU19, constructed in 1946 and modified in 2008, with a maximum throughput of 91,980 tons per year;

(s) One (1) pellet mill, identified as EU20, constructed in June of 1992, with a maximum throughput of 91,980 tons per year, controlled for particulate matter by one (1) cyclone (CE-08) and exhausting to one (1) stack (EP07);

(t) One (1) pellet cooler, identified as EU21, constructed in June of 1992, with a maximum throughput of 91,980 tons per year, controlled for particulate matter by one (1) cyclone (CE-08) and exhausting to one (1) stack (EP07);

(u) One (1) pellet storage unit, identified as EU22, constructed in June of 1992, with a maximum throughput of 91,980 tons per year, controlled for particulate matter by one (1) cyclone (CE-18) and one (1) baghouse (CE-05) in series and exhausting to one (1) stack (EP03);

(v) One (1) dryer deck, DTDC - Deck #1, identified as EU23, constructed in May of 1985 and modified in 2008, with a maximum throughput of 1,314,000 tons per year, controlled for particulate matter by one (1) cyclone (CE-09) and exhausting to one (1) stack (EP08A);

(w) Two (2) DTDC dryer decks:

(1) DTDC - Deck #2, identified as EU24, constructed in May of 1985 and modified in 2008, with a maximum throughput of 1,314,000 tons per year, controlled for particulate matter by one (1) cyclone (CE-10) and exhausting to one (1) stack (EP08A);

(2) DTDC - Deck #3, identified as EU24A, and modified in 2008, with a maximum throughput of 1,314,000 tons per year, controlled for particulate matter by one (1) cyclone (CE-10A) and exhausting to one (1) stack (EP09A);

(x) One (1) DTDC - cooler deck, identified as EU25, constructed in May of 1985 and modified in 2008, with a maximum throughput of 1,314,000 tons per year, controlled for particulate matter by one (1) cyclone (CE-11) and exhausting to one (1) stack (EP10);

(y) One (1) meal conveyor (from DTDC to meal screens) (P-152), identified as EU26, constructed in June of 1991 and modified in 2008, with a maximum throughput of 1,051,200 tons per year, controlled for particulate matter by one (1) baghouse (BH-2A) and exhausting to one (1) stack (EP11);

(z) One (1) meal sifting operation, identified as EU27, constructed in June of 1991 and modified in 2008, with a maximum throughput of 1,314,000 tons per year, controlled for particulate matter by one (1) baghouse (BH-2A) and exhausting to one (1) stack (EP11);

(aa) One (1) meal grinding operation, identified as EU28, constructed in June of 1991 and modified in 2008, with a maximum throughput of 1,314,000 tons per year, controlled for particulate matter by one (1) baghouse (BH-2A) and exhausting to one (1) stack (EP11);

(bb) One (1) meal storage elevator leg (P-512), identified as EU29, constructed in June of 1991 and modified in 2008, and approved in 2024 for modification, with a maximum throughput of 1,051,200 tons per year, controlled for particulate matter by one (1) baghouse (BH-2A) and exhausting to one (1) stack (EP11);

(cc) One (1) meal storage unit (two tanks), identified as EU30, constructed in 1958 and modified in 2008, with a maximum throughput of 1,051,200 tons per year, controlled for particulate matter by two (2) bin vent filters (BH-30A and BH-30B), one on each tank and each filter exhausting to individual stacks (EP30A and EP30B), including five (5) enclosed conveyors (T-01, T-02, T-03, T-04 and T-05);

Note: The transfer equipment does not allow the source to fill both tanks simultaneously. Meal is loaded into one tank at a time. When one tank becomes full, then the meal will flow into the other remaining tank.

(dd) Two (2) meal surge tanks, identified as EU31, constructed in 1986 and modified in 2008, with a maximum throughput of 1,051,200 tons per year, a portion of emissions controlled for particulate matter by one (1) bin vent filter (BH-31) and exhausting to one (1) stack (EP31);

(ee) One (1) hull pellet surge tank, identified as EU32, constructed in 1986, with a maximum throughput of 91,980 tons per year, a portion of emissions controlled for particulate matter by one (1) bin vent filter (BH-31) and exhausting to one (1) stack (EP31);

(ff) One (1) enclosed conveying system, identified as EU33, constructed in 1988, comprised of five (5) enclosed conveyors (T-9, T-10, T-11, T-12, and T-13), modified in 2012 to replace conveyor T-11. Four (4) of which convey meal from the Middle and West Meal Tanks to truck and rail load out (T-9, T-10, T-12, and T-13) with a maximum throughput of 1,051,200 tons per year, and one (1) conveyor (T-11) which conveys hulls and hull pellets from the East tank to truck and rail loadout with a maximum throughput of 91,980 tons per year;

(gg) One (1) truck meal, hull and hull pellet loadout operation, identified as EU34, constructed in 1988, with a maximum throughput of 1,314,000 tons per year, controlled for particulate matter by one (1) baghouse (ML-1) and exhausting to one (1) stack (EP12);

(hh) One (1) rail meal, hull and hull pellet loadout operation, identified as EU35, constructed in 1988, with a maximum throughput of 1,314,000 tons per year, controlled for particulate matter by one (1) baghouse (ML-1) and exhausting to one (1) stack (EP12), including two (2) drag conveyors (T-14 and T-15);

(ii) One (1) meal clay storage unit, identified as EU36, constructed in 1986, with a maximum throughput of 6,570 tons per year, controlled for particulate matter by one (1) baghouse (MC-1) and exhausting to one (1) stack (EP13);

(jj) One (1) refinery clay storage unit, identified as EU37, constructed in 1992, with a maximum throughput of 4,500 tons per year, controlled for particulate matter by one (1) baghouse (RCB) and exhausting to one (1) stack (EP14);

(oo) One (1) vertical seed conditioner, also referred to as a steam-heated soybean heater, identified as EU44, constructed in 2008, with a maximum throughput of 1,314,000 tons per year, controlled for particulate matter by one (1) baghouse (BH-44) and exhausting to one (1) stack (EP44);

(qq) Stockpiling of soybean meal in railcars and trucks at a limited throughput of 100,000 tons/year, combined with soybean hulls and hull pellets, utilizing existing grain receiving/unloading pits EU01 and EU02, elevator leg EU03, conveyor EU04, EU05 grain storage, conveyor EU28A, storage tanks EU30, surge tanks EU31, enclosed conveying system EU33, and rail and truck meal loadout EU34 and EU35, constructed in 2008;

(rr) Stockpiling soybean hulls in railcars and trucks at a limited throughput of 100,000 tons/year, combined with soybean meal and hull pellets, utilizing existing grain receiving/unloading pits

EU01 and EU02, elevator leg EU03, conveyor EU04, EU05 grain storage, storage tanks EU18, surge tanks EU32, enclosed conveying system EU33, and rail and truck meal loadout EU34 and EU35, constructed in 2011;

(ss) Stockpiling soybean hull pellets in railcars and trucks at a limited throughput of 100,000 tons/year, combined with soybean meal and hull pellets, utilizing existing grain receiving/unloading pits EU01 and EU02, elevator leg EU03, conveyor EU04, EU05 grain storage, storage tanks EU18, surge tanks EU32, enclosed conveying system EU33, and rail and truck meal loadout EU34 and EU35, constructed in 2011.

(tt) One (1) Expander System identified as EU15, approved in 2024, for construction, consisting of: two feeder augers, Expander 1 and Expander 2, each with an eight hundred (800) ton per day capacity, and a Dryer/Cooler with a capacity of sixteen hundred (1,600) tons per day, two drag conveyors feeding the product back to the flaking operation; particulates from Expander 1, Expander 2, and the Dryer/Cooler are controlled by a cyclone, identified as CE-15, exhausting to stack EP-16.

(uu) One (1) rail soybean meal receiving station, identified as EU-51, approved in 2024 for construction, with a maximum capacity of 125 tons of soybean meal per hour, using baghouse (BH-2A) as control, and exhausting to stack (EP11).

Insignificant Activities

(d) The following activities with emissions equal to or less than insignificant thresholds:

(1) One (1) cooling tower (CT#7), identified as EU45, with a design recirculation rate of 1,500 gal/min.

(3) One (1) silica clay storage silo, identified as EU47, constructed in 2002, with a maximum throughput of 450 tons per year, particulate emissions controlled by a baghouse (RC-2) and exhausting through one (1) stack (EP19).

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

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

D.1.1 PM/PM10/PM2.5 Minor Emission Limitations for PSD [326 IAC 2-2]

(a) Pursuant to SSM 023-24843-00011, SPM 023-29230-00011 and SSM 023-44842-00011, and in order to render the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) not applicable, the PM and PM10 emissions from the following units are limited as follows:

Unit (ID)	Control ID	PM Limit	PM10 Limit	Units for Limit
Vertical Seed Conditioner (EU44)	BH-44	0.0017	0.0017	lb/ton beans processed
DTDC Meal Dryer Deck #1 and Deck #2 (EU23 and EU24)	CE-09, CE-10	0.00649	0.00649	
DTDC Meal Dryer Deck #3 (EU24A)	CE10A	0.0063	0.0063	
DTDC Meal Cooler Deck (EU25)	CE-11	0.0018	0.0018	
Bean Dryer, Cracking Rolls, Hull Separator and Conditioner (EU10/11/12/13)	CE-06 and BH-06A	0.00161	0.00161	lb/ton beans processed
Conveying to Processing (EU07/09/16/18/22)	CE-18 and CE-05, CE-19, CE-	0.0018	0.0017	lb/ton grain received

Unit (ID)	Control ID	PM Limit	PM10 Limit	Units for Limit
	19A, CE19-B			
Hull Grinder (EU17)	CE-20, CE-20A	0.00674	0.00674	lb/ton hulls processed
Flaking Rolls (EU14)	CE-07	0.050	0.032	lb/ton beans processed
Meal Conveyor (EU26/27/28/29)	BH-2A	0.0040	0.0037	lb/ton meal produced
Meal Surge Tanks (EU31)	BH-31	0.00013	0.00003	lb/ton meal produced
Truck and Rail Receiving (EU01/02/03/04/05)	GR-1	0.0011	0.0004	lb/ton grain received
Pellet Mill and Cooler (EU20/21)	CE-08	0.030	0.030	lb/ton hulls processed
Meal Storage Unit (EU30)	(BH-30A)	0.00013	0.00003	lb/ton meal produced
Meal Storage Unit (EU30)	(BH-30B)	0.00013	0.00003	
Truck Meal, Hull and Hull Pellet Loadout (EU34)	ML-1	0.0013	0.0009	
Rail Meal, Hull and Hull Pellet Loadout (EU35)	ML-1	0.0013	0.0009	lb/ton beans processed
Hull Surge Tank (EU32)	BH-31	0.00013	0.00003	lb/ton hulls processed
Meal Clay Storage Unit (EU36)	MC-1	0.00291	0.00204	lb/ton clay received
Silica Clay Silo (EU47)	RC-2	0.00291	0.00204	lb/ton clay received
Cooling Tower (EU45)		0.030	0.030	lb/hr

(b) The amount of soybeans processed by the source shall not exceed 1,314,000 tons per twelve consecutive month period with compliance determined at the end of each month.

Compliance with these limits, shall limit the potential to emit of PM and PM10 to less than 25 and 15 tons, respectively, per twelve (12) consecutive month period, and shall render the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) not applicable to the 2008 Modification permitted under SSM No. 023-24843-00011.

(c) Pursuant to SSM 023-30611-00011 and in order to render the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) not applicable, the PM and PM10 emissions from the conveyor, identified as EU-04a shall be limited as follows:

(1) The PM emission rate from the one (1) enclosed drag conveyor (S-5a), identified as EU-04a, controlled by baghouse GR-1, shall not exceed 0.034 pound per ton.

(2) The PM10 emission rate from the one (1) enclosed drag conveyor (S-5a), identified as EU-04a, controlled by baghouse GR-1, shall not exceed 0.020 pound per ton.

(3) The combined grain throughput to the one (1) enclosed drag conveyor (S-5a), identified as EU-04a and conveyor (S-5), shall not exceed 1,444,500 tons per twelve (12) consecutive month period with compliance determined at the end of each month.

Compliance with these emission limits will ensure that the potential to emit from this modification is less than twenty-five (25) tons of PM per year and less than fifteen (15) tons of PM_{10} per year and therefore the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) are rendered not applicable.

(d) In order to render the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) not applicable to the 2024 Modifications permitted under SSM No. 023-47029-00011 and MSM No. 023-47831-00011, the Permittee shall comply with the following:

(1) The amount of soybeans processed by the source shall not exceed 1,314,000 tons per twelve consecutive month period with compliance determined at the end of each month.

Unit (ID)	Control ID	PM Limit	PM_{10} Limit	$PM_{2.5}$ Limit	Units for Limit
Truck and Rail Receiving, Conveying (EU01/EU02/EU03/EU04/EU04a/EU50/EU50a/EU05a/EU06a/EU06b)	GR-1	0.0011	0.0004	0.0004	lb/ton grain received
Conveying to Processing (EU07)	CE-18 and CE-05	0.0018	0.0017	0.0017	lb/ton grain received
Meal Conveyor (EU29)	BH-2A	0.0040	0.0037	0.0037	lb/ton meal produced
Expander (EU15)	CE-15	2.27	1.48	1.48	lb/hr

(2) The source soybean meal production shall be limited to a total of 1,143,180 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

(3) ~~The amount of soybean meal received by the rail soybean meal receiving station (EU51) shall not exceed 100,000 tons per twelve (12) consecutive month period with compliance determined at the end of each month.~~

Commented [SEM1]: This requirement is not necessary to demonstrate the action is minor for PSD.

Unit (ID)	Control ID	PM Limit	PM_{10} Limit	$PM_{2.5}$ Limit	Units for Limit
Meal Conveyor (EU29)	BH-2A	0.0040	0.0037	0.0037	lb/ton meal produced
Rail soybean meal receiving (EU51)	BH-2A	0.000033	0.000008	0.000008	lb/ton meal received

Commented [SEM2]: These limits do not account for the uncaptured emissions. From the emission calcs, total PM emissions from the unit (uncaptured and controlled by BH2A) = 748 lbs PM/1.095MMtons = 0.000683 lb/tons. PM10 and PM2.5 = 183 lbs or 0.000167 lb/tons.

Compliance with these limits, shall limit the potential to emit of PM, PM10, and PM2.5 to less than twenty-five (25) tons of PM, less than fifteen (15) tons of PM_{10}, and less than ten (10) tons of $PM_{2.5}$ per twelve (12) consecutive month period, each, and shall render the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) not applicable to the 2024 Modifications permitted under SSM No. 023-47029-00011 and MSM No. 023-47831-00011.

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

Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), the particulate from the emission units listed below shall be limited as shown in the tables below based on the following equations:

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

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

or

Interpolation and extrapolation of the data for the process weight rate in excess of 60,000 pounds per hour shall be accomplished by use of the equation:

$E = 55.0\ P^{0.11} - 40$ where: E = rate of emission in pounds per hour; and
P = process weight rate in tons per hour

(a) Pursuant to 326 IAC 6-3-2, the allowable particulate emission rate from the facilities listed below during normal operation shall be limited as indicated in the table below.

Emission Unit	Process Weight Rate (tons/hr)	Allowable Particulate Emissions (lb/hr)
Rail Unloading, EU01	900	76.23
Truck Unloading, EU02	900	76.23
Truck Receiving pit, EU50	900	76.23
Drag Conveyor, EU50a	900	76.23
Grain elevator, EU03	900	76.23
Conveyor, EU-04 to grain storage, EU-05	900	76.23
Conveyor, EU-04a to grain storage, EU-05	900	76.23
Concrete silo top vents, EU05	900	76.23
Fill conveyor for silo, EU05a	300	63.00
Steel storage tank vents, EU06	720	73.41
Reclaim conveyor, EU06a	300	63.00
Sweep conveyor, EU06b	300	63.00
Conveyor from grain storage, EU07	900	76.23
Grain Cleaner, EU09	180	57.37
Bean Dryer, EU10	180	57.37
Cracking Rolls, EU11	180	57.37
Hull Separator, EU12	180	57.37
Conditioner, EU13	180	57.37
Flaking, EU14	172	56.89
Expanders, EU15	66.7	47.30
Hull Screen, EU16	14	24.03
Hull Grinder, EU17	14	24.03
Hull Storage Unit, EU18	14	24.03
Hull Conveyor, EU19	14	24.03
Pellet Mill, EU20	14	24.03
Pellet Cooler, EU21	14	24.03
Pellet Storage Unit, EU22	14	24.03
Dryer Deck #1, EU23	172	56.89
Dryer Deck #2, EU24	172	56.89
Dryer Deck #3, EU24A	172	56.89
Cooler Deck, EU25	172	56.89
Meal Conveyor, EU26	136	54.42
Meal sifter, EU27	136	54.42
Meal grinder, EU28	136	54.42
Meal storage conveyor, EU29	900	76.23
Rail Soybean Meal Receiving Station, EU-51	125	53.55
Meal Storage Tank, EU30, BH-30A	136	54.42
Meal Storage Tank, EU30, BH-30B	136	54.42
Meal surge tanks, EU31	300	63.00
Hull surge tank, EU32	100	51.28
Enclosed Conveying System, EU33	250	60.96
Truck Meal & Hull Pellet loadout, EU34	250	60.96
Rail Meal & Hull Pellet loadout, EU35	250	60.96
Meal clay storage, EU36	25	35.43
Refinery clay storage, EU37	25	35.43

Vertical Seed Conditioner, EU44	180	57.37

(b) Pursuant to 326 IAC 6-3-2 (Particulate Emission Limitations for Manufacturing Processes), when the process weight rate exceeds two hundred (200) tons per hour, the allowable emissions may exceed that shown in the table in 326 IAC 6-3-2(e) provided the concentration of particulate in the discharge gases to the atmosphere is less than one tenth (0.10) pound per one thousand (1,000) pounds of gases.

(1) For purposes of demonstrating compliance with the particulate emission limits for the rail unloading (EU01), the truck unloading (EU02), the truck receiving (EU50), the truck receiving conveyors (EU50a), the grain elevator (EU03), the conveyors to grain storage (EU04, EU04a), the concrete silos (EU05), the conveyors for concrete silos (EU05a), the jump drag reclaim conveyor (EU06a), the conveyors for steel storage tanks (EU06b) all exhausting through baghouse GR-1, which exhausts through stack EP01, the allowable particulate emission rate from baghouse GR-1 shall be limited to 796.0 pounds per hour.

(2) For purposes of demonstrating compliance with the particulate emission limits for the conveyor from grain storage (EU07), the grain cleaner (EU09), the hull screen (EU16), the hull storage unit (EU18) and the pellet storage unit (EU22) all exhausting through baghouse CE-05, which exhausts through stack EP03, the allowable particulate emission rate from baghouse CE-05 shall be limited to 189.2 pounds per hour.

(3) For purposes of demonstrating compliance with the particulate emission limits for the bean dryer (EU10), the cracking rolls (EU11), the hull separator (EU12) and the conditioner (EU13) all exhausting through cyclone CE-06, which exhausts through stack EP04, the allowable particulate emission rate from cyclone CE-06 and baghouse BH-06A shall be limited to 229.6 pounds per hour.

(4) For purposes of demonstrating compliance with the particulate emission limits for the pellet mill (EU20) and the pellet cooler (EU21) both exhausting through cyclone CE-08, which exhausts through stack EP07, the allowable particulate emission rate from cyclone CE-08 shall be limited to 48 pounds per hour.

(5) For purposes of demonstrating compliance with the particulate emission limits for the conveyor to meal screens (EU26), the meal sifter (EU27), the meal grinder (EU28), the meal storage conveyor (EU29), and the rail soybean meal receiving station (EU51) all exhausting through baghouse BH-2A, which exhausts through stack EP11, the allowable particulate emission rate from baghouse BH-2A shall be limited to 293.04 pounds per hour.

(6) For purposes of demonstrating compliance with the particulate emission limits for the truck meal & hull pellet loadout (EU34), and the rail meal & hull pellet loadout (EU35) all exhausting through baghouse ML-1, which exhausts through stack EP12, the allowable particulate emission rate from baghouse ML-1 shall be limited to 122 pounds per hour.

(7) For purposes of demonstrating compliance with the particulate emission limits for the Meal Surge Tanks (2 Tanks) (EU31), and the Hull Surge Tank (EU32) all exhausting through baghouse BH-31, which exhausts through stack EP31, the allowable particulate emission rate from baghouse BH-31 shall be limited to 114.3 pounds per hour.

(c) Pursuant to 326 IAC 6-3-2, the allowable particulate emissions rate from the following

processes when soybean meal is stockpiled in railcars during plant's shutdowns shall be limited as follows:

Emission Unit ID	Process Weight Rate (ton/hr)	Allowable Particulate Emissions (lb/hr)
Rail/Truck Receiving (EU01 and EU02)	400	66.31
Grain/Meal Elevator (EU03)	720	73.41
Conveyor to Meal Storage Tanks (EU28A)	136	54.42
Meal Storage Tanks (EU30)	136	54.42
Meal Surge Tanks (EU31)	300	63.00
Rail/Truck Meal Loadout (EU34 and EU35)	250	60.96

D.1.3 Prevention of Significant Deterioration (PSD) Minor Limits [326 IAC 2-2]

Pursuant to SSM 023-26411-00011 and in order to render the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) not applicable, the Permittee shall comply with the following:

(a) The source soybean meal production shall be limited to a total of 1,143,180 tons per twelve (12) consecutive month period, with compliance determined at the end of each month.

(b) The soybean meal, hulls, and hull pellets stockpiled into the railcars during plant's shutdown, shall be limited to 100,000 tons per twelve (12) consecutive month period, with compliance determined at the end of each month. The soybean meal, hulls, and hull pellets stockplied shall be counted toward the source total soybean meal production limit of 1,143,180 tons per twelve (12) consecutive month period.

Compliance with these limits, shall limit the potential to emit of PM and PM10 to less than 25 and 15 tons per twelve (12) consecutive month period, and shall render the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) not applicable to the 2008 Modification permitted under SSM No. 023-26411-00011.

D.1.4 Preventive Maintenance Plan [326 IAC 2-7-5(12)]

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

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

D.1.5 Testing Requirements [326 IAC 2-7-6(1)(6)] [326 IAC 2-1.1-11]

(a) In order to demonstrate compliance with Condition D.1.1(a), the Permittee shall perform PM and PM_{10} testing of the stack exhaust from all units (except for EU04, EU07, EU26, EU29, EU03, EU45, EU47, EU31, EU32, and EU36) limited by Condition D.1.2 utilizing methods as approved by the Commissioner at least once every five (5) years from the date of the most recent valid compliance demonstration.

(b) In order to demonstrate compliance with Condition D.1.1(a), the Permittee shall perform PM and PM_{10} testing of the stack exhaust from EU30 utilizing methods as approved by the Commissioner at least once every five (5) years from the date of the most recent valid compliance demonstration. The source will test the exhaust from EP30A or EP30B. The stack not tested, will be tested during the next compliance demonstration test in five

years then testing will alternate between the two stacks every five years after.

(c) In order to demonstrate compliance with Conditions D.1.1 and D.1.2, the Permittee shall perform PM and PM_{10} testing of the stack exhaust from EU44 utilizing methods approved by the Commissioner at least once every five (5) years from the date of the most recent valid compliance demonstration.

(d) In order to demonstrate compliance with Condition D.1.1(d), not later than 180 days after start-up of the new units (EU50, EU50a, EU05a, EU06a, and EU06b) the Permittee shall perform PM, $PM_{10,}$ and $PM_{2.5}$ testing of the stack exhaust EP01 from EU50, EU50a, EU05a, EU06a, and EU06b utilizing methods as approved by the Commissioner at least once every five (5) years from the date of the most recent valid compliance demonstration.

(e) In order to demonstrate compliance with Condition D.1.1(d), not later than 180 days after the issuance date of this permit, 023-47029-00011, the Permittee shall perform PM, $PM_{10,}$ and $PM_{2.5}$ testing of the stack exhaust EP03 from EU07 utilizing methods as approved by the Commissioner at least once every five (5) years from the date of the most recent valid compliance demonstration.

(f) In order to demonstrate compliance with Condition D.1.1(d), not later than 180 days after start-up of the expander system identified as EU15, the Permittee shall perform PM, $PM_{10,}$ and $PM_{2.5}$ testing of the stack exhaust from EP-16 utilizing methods as approved by the Commissioner at least once every five (5) years from the date of the most recent valid compliance demonstration.

Testing shall be conducted in accordance with the provisions of 326 IAC 3-6 (Source Sampling Procedures). Section C – Performance Testing contains the Permittee's obligation with regard to the performance testing required by this condition. PM10 includes filterable and condensable particulate matter.

D.1.6 Particulate Control

(a) In order to assure compliance with Conditions D.1.1, and D.1.2, the baghouses BH-06A, CE-05, ML-1, MC-1, BH-2A, BH-44, CE-20A, and CE-21, cyclones CE-06, CE-07, CE-08, CE-09, CE-10, CE-10A, CE-11, CE-18, CE-19, CE-19A, CE-19B, and CE-20, and bin filters BH-30A, BH-30B, and BH-31 for particulate control shall be in operation and control emissions from the associated emission units at all times the facilities are in operation.

(b) In order to assure compliance with Conditions D.1.1(a), D.1.1(d), and D.1.2, the baghouse GR-1 for particulate control shall be in operation and control emissions from the rail unloading (EU01), truck unloading (EU02), elevator legs (EU03) and the conveying operation (EU04) facility at all times these facilities are in operation.

(c) In order to assure compliance with Conditions D.1.1(d) and D.1.2, the baghouse GR-1 for particulate control shall be in operation and control emissions from the truck receiving (EU50), the truck receiving conveyors (EU50a), the conveyors for concrete silos (EU05a), the jump drag reclaim conveyor (EU06a), and the conveyors for steel storage tanks (EU06b) facility at all times these facilities are in operation.

(d) In order to assure compliance with Conditions D.1.1(d) and D.1.2, the cyclone CE-15 for particulate control shall be in operation and control emissions from the expander system at all times this facility is in operation.

(e) In the event that bag failure is observed in a multi-compartment baghouse, if operations

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

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

D.1.7 Visible Emissions Notations [40 CFR 64]

(a) Visible emission notations of the stack exhausts from baghouses GR-1, BH-06A, CE-05, BH-2A, ML-1, MC-1, CE-18, and CE-20A, the stack exhausts for cyclones CE-07, CE-08, CE-10, CE-10A, CE-11, and CE-15, and the stack exhausts for bin vent filters BH-30A and BH-30B, and BH-31 shall be performed once per day during normal daylight operations when exhausting to the atmosphere. A trained employee shall record whether emissions are normal or abnormal.

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

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

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

(e) If abnormal emissions are observed, the Permittee shall take reasonable response steps. Section C- Response to Excursions or Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition. An abnormal visible emission notation is not a deviation from this permit. Failure to take response steps shall be considered a deviation from this permit.

D.1.8 Parametric Monitoring

The Permittee shall record the pressure drop across baghouse BH-44 at least once per day when the associated vertical seed conditioner unit is in operation. When, for any one reading, the pressure drop across a baghouse is outside the normal range, the Permittee shall take a reasonable response. The normal range for this unit is a pressure drop between 0.3 and 8.0 inches of water unless a different upper-bound or lower-bound value for this range is determined during the latest stack test. Section C - Response to Excursions and Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition. A pressure reading that is outside the above mentioned range is not a deviation from this permit. Failure to take response steps shall be considered a deviation from this permit.

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

D.1.9 Broken or Failed Bag Detection

In the event that bag failure has been observed:

(a) For single compartment baghouses controlling emissions from a process operated continuously, failed units and the associated process shall be shut down immediately until the failed units have been repaired or replaced. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the

emergency provisions of this permit (Section B - Emergency Provisions).

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

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

D.1.10 Cyclone Inspections

(a) The Permittee shall perform quarterly inspections of all cyclones controlling the Expander System identified as EU15, when venting to the atmosphere to verify that they are being operated and maintained in accordance with the manufacturer's specifications. A cyclone inspection shall be performed within three (3) months of redirecting vents to the atmosphere and every three (3) months thereafter. Inspections required by this condition shall not be performed in consecutive months. Inspections are optional when venting to the indoors.

(b) The Permittee shall perform quarterly inspections of the cyclone CE-20 controlling particulate from two (2) hull grinders (EU-17) to verify that it is being operated and maintained in accordance with the manufacturer's specifications. Inspections required by this condition shall not be performed in consecutive months.

D.1.11 Cyclone Failure Detection

In the event that cyclone failure has been observed:

Failed units and the associated process will be shut down immediately until the failed units have been repaired or replaced. Operations may continue only if the event qualifies as an emergency and the Permittee satisfies the requirements of the emergency provisions of this permit (Section B - Emergency Provisions). Failure to take response steps shall be considered a deviation from this permit.

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

D.1.12 Record Keeping Requirement

(a) To document the compliance status with Condition D.1.1(b) and D.1.1(d)(1), the Permittee shall maintain daily records of the amount of soybeans processed by the plant.

(b) To document the compliance status with Condition D.1.1(c)(3), the Permittee shall maintain records of the amount of soybeans processed by the enclosed drag conveyor S-5a and conveyor S-5.

(c) To document the compliance status with Condition D.1.3(a) and D.1.3(b), the Permittee shall maintain records of the source total soybean meal production and the soybean meal, hulls, and hull pellets stockpiled into the railcars.

(d) To document the compliance status with Condition D.1.7, the Permittee shall maintain records of daily visible emission notations of the baghouse(s) stack exhausts. The Permittee shall include in its daily record when a visible emission notation is not taken and the reason for the lack of visible emission notation (e.g. the process did not operate that day).

(e) To document the compliance status with D.1.8, the Permittee shall maintain daily records of pressure drop across the baghouse(s). The Permittee shall include in its daily record when a pressure drop reading is not taken and the reason for the lack of a pressure drop reading (e.g. the process did not operate that day).

(f) To document the compliance status with Condition D.1.10, the Permittee shall maintain records of the dates and results of the inspections.

(g) To document the compliance status with Condition D.1.1(d)(2), the Permittee shall maintain daily records of the amount of soybean meal received by the rail soybean meal receiving station.

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

D.1.13 Reporting Requirements

Quarterly summaries of the information to document the compliance status with Conditions D.1.1(b), D.1.1(c)(3), D.1.1(d)(1), D.1.1(d)(2) and D.1.3 shall be submitted using the reporting forms located at the end of this permit, or their equivalent, not later than thirty (30) days after the end of the reporting period being reported. Section C - General Reporting contains the Permittee's obligation with regard to the reporting required by this condition. The report submitted by the Permittee does require a certification that meets the requirements of 326 IAC 2-7-6(1) by an “authorized official” as defined by 326 IAC 2-7-1(34).

SECTION D.2 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

(ll) One (1) natural gas-fired package boiler, identified as EU40, approved in 2022 for construction, with a maximum heat input capacity of 144 MBtu/hr, using no control, and exhausting to stack (EP15).

Under 40 CFR 60, Subpart Db, this is considered an affected facility.
Under 40 CFR 63, Subpart DDDDD, this is considered a new affected facility.

(mm) Boiler #3, identified as EU41, constructed in 1992, with a rated capacity of 82.5 MMBtu per hour and firing natural gas, exhausting to one (1) stack (EP17);

Under 40 CFR 60, Subpart Dc, this is considered an affected facility.
Under 40 CFR 63, Subpart DDDDD, this is considered an affected facility.

(nn) One (1) Refinery Boiler, identified as EU42, constructed in 2000, with a rated capacity of 13 MMBtu per hour and firing natural gas, exhausting to one (1) stack (EP18);

Under 40 CFR 60, Subpart Dc, this is considered an affected facility.
Under 40 CFR 63, Subpart DDDDD, this is considered an affected facility.

(pp) Boiler #4, identified as EU46, constructed in 2008, with a rated capacity of 145 MMBtu per hour firing natural gas, exhausting to one (1) stack (EP46);

Under 40 CFR 60, Subpart Db, this is considered an affected facility.
Under 40 CFR 63, Subpart DDDDD, this is considered an affected facility.

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

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

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

In order to render the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) not applicable to the 2022 Modification permitted under SSM No. 023-44842-00011, the Permittee shall comply with the following:

(a) The NOx emissions for Boiler EU40 shall not exceed 0.046 pounds per MMBtu heat input.

(b) The total input of natural gas to Boiler EU40 shall not exceed 1,237 million standard cubic feet of gas (MMcf) per twelve (12) consecutive month period, with compliance determined at the end of each month.

Compliance with these limits, shall limit the potential to emit of NOx to less than 40 tons per twelve (12) consecutive month period, and shall render the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) and not applicable to the 2022 Modification permitted under SSM No. 023-44842-00011.

D.2.2 Particulate Emissions [326 IAC 6-2-4]

Pursuant to 326 IAC 6-2-4 (Particulate Emission Limitations for Sources of Indirect Heating), the PM emissions from the following units shall be limited to Pt pounds per MMBtu heat input, as

follows:

Emission Unit	Unit ID	Pt (lb/MMBtu)
Boiler #3	EU41	0.30
Refinery Boiler	EU42	0.29
Boiler #4	EU46	0.25
Package Boiler	EU40	0.23

D.2.3 Preventive Maintenance Plan [326 IAC 2-7-5(12)]

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

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

D.2.4 Continuous Emissions Monitoring [326 IAC 3-5][326 IAC 2-7-6(1), (6)][40 CFR 63]

(a) In order to demonstrate compliance with Condition D.2.1, the Permittee shall use the emissions data collected from the Boiler EU40 Continuous Emission Monitoring System.

(b) Pursuant to 326 IAC 3-5 (Continuous Monitoring of Emissions) continuous emission monitoring systems for boiler #4 (EU46) and boiler (EU40) shall be calibrated, maintained, and operated for measuring NOx, which meet all applicable performance specifications of 326 IAC 3-5-2.

(c) All continuous emissions monitoring systems are subject to monitor system certification requirements pursuant to 326 IAC 3-5-3.

(d) Nothing in this permit shall excuse the Permittee from complying with the requirements to operate a continuous emission monitoring system pursuant to 326 IAC 3-5 and 40 CFR 63.

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

D.2.5 NOx Continuous Emissions Monitoring (CEMS) Downtime

(a) In the event that a breakdown of a NOx continuous emissions monitoring system (CEMS) occurs, a record shall be made of the time and reason of the breakdown and efforts made to correct the problem.

(b) Whenever a NOx continuous emissions monitoring system (CEMS) is malfunctioning or is down for maintenance or repairs for a period of twenty-four (24) hours or more and a backup NOx CEMS is not online within twenty-four (24) hours of shutdown or malfunction of the primary NOx CEMS, the Permittee shall comply with the following:

(1) The Permittee shall record the natural gas flow rate at least four (4) times per hour until the primary CEM or a backup CEM is brought online and functioning properly. When for any one reading, the natural gas flow rate is outside the normal range during downtime of the NOx CEMS, the Permittee shall take reasonable response steps.

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

(c) Parametric monitoring shall begin not more than twenty-four (24) hours after the start of

the malfunction or down time at least twice per day during normal operations, with at least four (4) hours between each set of readings, until a NOx -CEMS is online.

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

D.2.6 Record Keeping Requirements for CEMS [326 IAC 2-7-5(3)(B)] [326 IAC 3-5]

(a) The Permittee shall record the output of the continuous monitoring system(s) boiler #4 EU46, boiler EU40 and shall perform the required record keeping pursuant to 326 IAC 3-5-6 and 326 IAC 3-5-7.

(b) In the event that a breakdown of the NOx continuous emission monitoring systems (CEMS) occurs, the Permittee shall maintain records of all CEMS malfunctions, out of control periods, calibration and adjustment activities, and repair or maintenance activities.

(c) Whenever a NOx continuous emissions monitoring system (CEMS) is malfunctioning or is down for maintenance or repairs for a period of twenty-four (24) hours or more, the Permittee shall maintain records of the natural gas flow rate.

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

D.2.7 Reporting Requirements for CEMS [326 IAC 2-7-5(3)(C)] [326 IAC 3-5]

The Permittee shall prepare and submit to IDEM, OAQ a written report of the results of the calibration gas audits and relative accuracy test audits for each calendar quarter within thirty (30) calendar days after the end of each quarter. The report must contain the information required by 326 IAC 3-5-5(f).

The report submitted by the Permittee does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a “responsible official,” as defined by 326 IAC 2-7-1 (35).

SECTION D.3 EMISSIONS UNIT OPERATION CONDITIONS

Emissions Unit Description:

(kk) One (1) oil extraction process using hexane solvent, identified as EU38, constructed in May of 1985 and modified in 2008, with a maximum throughput of 1,314,000 tons per year and emissions released through a number of exit streams in the process collectively called the "hexane bubble". The process is equipped with one (1) mineral oil absorber/scrubber (CE-22), which exhausts through one (1) stack (EP25). This process is also equipped with a once-through cold water condenser located between the vent condenser and the mineral oil absorber/scrubber;

Under 40 CFR 63, Subpart GGGG, this is considered an affected facility.

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

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

D.3.1 Best Available Control Technology (BACT) for Volatile Organic Compounds (VOC) [326 IAC 2-2-3]

Pursuant to 326 IAC 2-2-3 (PSD - BACT) and PSD SSM 023-24843-00011:

(a) VOC emissions from the oil extraction and solvent recovery process (EU38) main vent shall be controlled by a condenser and mineral oil absorber/scrubber system (CE-22).

(b) The overall solvent loss ratio from the oil extraction process shall not exceed 0.179 gallons of hexane per ton of soybeans processed. Compliance with the solvent loss ratio limit shall be demonstrated using the average solvent loss ratio per twelve (12) consecutive month period with compliance determined at the end of each month.

(c) The Permittee shall optimize the design and operation of the Desolventizer-Toaster-Dryer-Cooler (DTDC) (consisting of EU23, EU24, EU24A and EU25) to mitigate VOC emissions.

(d) Within 60 days of achieving full production permitted by PSD SSM 023-24843-00011, but no later than 180 days after startup of the modified extraction process, the Permittee shall implement a leak detection and correction program to control VOC emissions. The program is included as Attachment A to this permit.

(e) The amount of soybeans processed by the source shall not exceed 1,314,000 tons per twelve consecutive month period with compliance determined at the end of each month.

D.3.2 Consent Decree Requirements

Pursuant to the Consent Decree in United States v. Archer Daniels Midland Company, Civil Action No. 03-2066, that was lodged with the United States District Court for the Central District of Illinois, the following requirements apply to the Permittee:

(a) As part of the consent decree, an once-through cold water condenser shall be installed and will be located between the vent condenser and the mineral oil absorber/scrubber. The purpose of this condenser is to condense hexane vapors and reduce the vapor loading to the mineral oil absorber/scrubber. The Consent Decree requires that ADM's Frankfort, Indiana plant install only the once-through cold-water condenser prior to the mineral oil absorber/scrubber. ADM shall conduct a design and engineering review of

each affected unit to size the condenser upgrade. The design criteria for the once-through cold-water condenser that will be the basis for sizing the required condenser upgrade is a minimum of 94 ft2 surface area.

By no later than the dates set forth in section 6.0 of Attachment 9 of the Consent Decree, VOC Control Technology Plan for ADM's Oilseed Plants, ADM shall upgrade its oilseed plants so that all plants have condenser systems that include, at a minimum, a dedicated "extractor condenser" for the extractor and a once-through cold water condenser following the vent condenser. This shall be done at all ADM plants no later than April 1, 2006.

(b) By no later than December 31, 2007, ADM shall propose in writing to the U.S. EPA, the Department of Justice, and the OAQ, the Plaintiffs in the Consent Decree for this plant, final VOC Solvent Loss Ratio (SLR) limits for this facility that satisfy the requirements of Subsection 5.2 of Attachment 9 of the Consent Decree presented below.

Except for multi-seed plants, the capacity-weighted average of these final VOC SLR limits for the conventional soybean group shall not exceed the VOC SLR limit of 0.175 gal/ton for conventional soybean plants.

The capacity weighted average of the final VOC SLR limit for the conventional soybean group is to be calculated using the following equation:

Conventional Soybean = $\sum$(Seedi *SLRi) / $\sum$(Seedi) < 0.175 gal/ton

where: Seedi = Crush capacity of soybean plant i; and
SLRi = Final SLR Limit for soybean plant i.

The capacity-weighted averages shall be based on the design capacity for each plant that has been approved by the Plaintiffs under Paragraph 68 of the Consent Decree. For purposes of the Consent Decree, design capacity is the "maximum permitted crush capacity" that a plant is allowed to process in a given time period under its operating permit; or, if no limit is included in the operating permit, the plant 's maximum physical capacity. This number is expressed as "tons of crush per day."

Note the maximum crush capacity of the oil extraction process at this source is confidential trade secret information.

Compliance with these requirements satisfies the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration (PSD)) and 326 IAC 8-1-6 (New Facilities, General Reduction Requirements).

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

D.3.3 VOC Compliance - Consent Decree and PSD [326 IAC 2-2]

(a) Compliance with Conditions D.3.1(b) and D.3.2 shall be determined in accordance with 40 CFR Part 63, Subpart GGGG, with the following exceptions:

(1) provisions pertaining to HAP content shall not apply;

(2) monitoring and recordkeeping of solvent losses at the plant shall be conducted daily;

(3) solvent losses and quantities of oilseed processed during startup and shutdown periods shall not be excluded in determining solvent losses; and

(4) records shall be kept in the form of the table included in Section 8.0 of Attachment 9 of the Consent Decree and presented here that show total solvent losses, solvent losses during malfunction periods, adjusted solvent losses (i.e., total solvent losses minus malfunction losses) monthly and on a twelve-month rolling basis as follows:

Solvent Loss Record for ADM Oilseed Plant X

	Total Crush (tons)		Total Solvent Loss (gallons)		Malfunction Period Solvent Loss (gallons)		Adjusted Solvent Loss[a] (gallons)		SLR[b] (gal/ton)
Date	Monthly	12-Month Rolling	Monthly	12-Month Rolling	Monthly	12-Month Rolling	Monthly	12-Month Rolling	12-Month Rolling
Month, Year									

a -Adjusted Solvent Loss is equal to Total Solvent Loss minus Malfunction Period Loss.
b -Solvent Loss Ratio is equal to 12-month rolling Adjusted Solvent Loss divided by 12-Month Rolling Total Crush.
Compliance determination for each plant is based on 12-Month Rolling SLR value compared to Final VOC SLR Limit.

(b) For plants with interim or final solvent loss limits, ADM may apply the provisions of 40 CFR Part 63, Subpart GGGG pertaining to malfunction periods only when the conditions in both paragraphs (1) and (2) below are met:

(1) The malfunction results in a total plant shutdown. For purposes of the Consent Decree, a "total plant shutdown" means a shutdown of the solvent extraction system.

(2) Cumulative solvent losses during malfunction periods at a plant do not exceed 4,000 gallons in a 12-month rolling period.

At all other times, ADM must include all solvent losses when determining compliance with its interim or final VOC SLR limits at this plant.

During a malfunction period, ADM shall comply with the startup, shutdown and malfunction (SSM) plan as required under Subpart GGGG for the plant. The solvent loss corresponding to a malfunction period will be calculated as the difference in the total solvent inventories for the day before the malfunction period began and the day the plant resumes normal operation.

D.3.4 Solvent Loss Ratio [326 IAC 2-2][40 CFR 64]

Compliance with Condition D.3.1 shall be demonstrated within 30 days of the end of each month by determining the average of twelve (12) consecutive month period in the following manner:

Calculate a compliance ratio, which compares the actual VOC loss to the allowable VOC loss for the previous twelve (12) months. The equation to calculate a compliance ratio follows:

(a) Compliance Ratio = (Actual VOC loss)/(Allowable VOC loss) (Eq. 1)

(b) Equation 1 can also be expressed as a function of total solvent loss as shown in Equation 2.

(c) Compliance Ratio = [f* Actual Solvent Loss]/0.64 [(Soybean processed)$_C$ * (SLF$_C$)] (Eq. 2)

f = The weighted average volume fraction of VOC in solvent received during the previous twelve (12) operating months, dimensionless

0.64 = The average volume fraction of VOC in solvent in the baseline performance data, dimensionless

Actual Solvent Loss = Gallons of actual solvent loss during previous twelve (12) operating month

SLF_C = 0.2 gals/ton (for existing source, conventional soybean process)

D.3.5 VOC Control

In order to assure compliance with Conditions D.3.1(b) and D.3.2, the condenser and mineral oil absorber/scrubber system (CE-22) for VOC control shall be in operation and control emissions from the hexane solvent oil extraction process (EU38) at all times the hexane solvent oil extraction process (EU38) is in operation.

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

D.3.6 Scrubber Flow Rate [40 CFR 64]

(a) The Permittee shall monitor and record the flow rate of the scrubber (CE-22) at least once per day when the associated processes are in operation.

(b) The Permittee shall determine the minimum flow rate from the latest valid stack test that demonstrates compliance with limits in Conditions D.3.1 and D.3.2.

(c) On and after the date the stack test results are available, the Permittee shall maintain a flow rate at or above the minimum rate as observed during the latest compliant stack test.

(d) When for any one reading, the flow rate is below the above mentioned minimum, the Permittee shall take a reasonable response. Section C - Response to Excursions or Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition. A reading that is below the above mentioned minimum flow rate is not a deviation from this permit. Failure to take response steps shall be considered a deviation from this permit.

D.3.7 Parametric Monitoring - Pressure Drop [40 CFR 64]

The Permittee shall monitor and record the pressure drop across the scrubber (CE-22) at least once per day when the associated processes are in operation. When for any one reading, pressure drop across a scrubber is outside the normal range, the Permittee shall take a reasonable response. The normal range for this unit is a range between 0.2 and 10.0 inches of water unless a different upper-bound or lower-bound value for this range is determined during the latest stack test. Section C - Response to Excursions or Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition. A pressure drop reading that is outside the above mentioned range(s) is not a deviation from this permit. Failure to take response steps shall be considered a deviation from this permit.

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

D.3.8 Parametric Monitoring - Inlet Gas Temperature [40 CFR 64]

The Permittee shall monitor and record the inlet gas temperature across the scrubber (CE-22) at least once per day when the associated processes are in operation. When for any one reading, the inlet gas temperature across a scrubber is outside the normal range, the Permittee shall take a reasonable response. The normal range for this unit is a range between 45 and 100 degrees F unless a different upper-bound or lower-bound value for this range is determined during the latest

stack test. Section C - Response to Excursions or Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition. A inlet gas temperature reading that is outside the above mentioned range(s) is not a deviation from this permit. Failure to take response steps shall be considered a deviation from this permit.

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

D.3.9 Mineral Oil Flow Rate [40 CFR 64]

(a) The Permittee shall monitor and record the flow rate of the mineral oil at least once per day when the associated processes are in operation.

(b) The Permittee shall determine the minimum flow rate from the latest valid stack test that demonstrates compliance with limits in Conditions D.3.1 and D.3.2.

(c) On and after the date the stack test results are available, the Permittee shall maintain a flow rate at or above the minimum rate as observed during the latest compliant stack test.

(d) When for any one reading, the flow rate is below the above mentioned minimum, the Permittee shall take a reasonable response. Section C - Response to Excursions or Exceedances contains the Permittee's obligation with regard to the reasonable response steps required by this condition. A reading that is below the above mentioned minimum flow rate is not a deviation from this permit. Failure to take response steps shall be considered a deviation from this permit.

D.3.10 Scrubber Failure Detection

In the event that a scrubber malfunction has been observed:

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

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

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

D.3.11 Record Keeping Requirement

(a) To document the compliance status with Condition D.3.1(b) and D.3.2, the Permittee shall:

(1) maintain records of the amount of VOC (hexane) used per calendar month.

(2) maintain records of the amount of soybeans processed by the oil extraction process.

(3) keep monthly records in the form of the table included in Section 8.0 of Attachment 9 of the Consent Decree and presented in Section 1.8 (a)(4) that

show total solvent losses, solvent losses during malfunction periods, adjusted solvent losses (i.e., total solvent losses minus malfunction losses) monthly and on a twelve-month rolling basis.

(b) To document the compliance status with Condition D.3.1(d), the Permittee shall maintain records required by the leak detection and correction program; included as Attachment A to this permit.

(c) To document the compliance status with Conditions D.3.1(e), the Permittee shall maintain daily records of the amount of soybeans processed by the plant.

(d) To document the compliance status with Condition D.3.6, the Permittee shall maintain daily records of the flow rate for the scrubber. The Permittee shall include in its daily record when the readings are not taken and the reason for the lack of the readings (e.g., the process did not operate that day).

(e) To document the compliance status with Condition D.3.7, the Permittee shall maintain daily records of the pressure drop for the scrubber. The Permittee shall include in its daily record when the readings are not taken and the reason for the lack of the readings (e.g., the process did not operate that day).

(f) To document the compliance status with Condition D.3.8, the Permittee shall maintain daily records of the inlet gas temperature for the scrubber. The Permittee shall include in its daily record when the readings are not taken and the reason for the lack of the readings (e.g., the process did not operate that day).

(g) To document the compliance status with D.3.9, the Permittee shall maintain daily records of the flow rate for the mineral oil. The Permittee shall include in its daily record when the readings are not taken and the reason for the lack of the readings (e.g., the process did not operate that day).

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

D.3.12 Reporting Requirements

A summary of the information to document the compliance status with Conditions D.3.1(b) and D.3.1(e) shall be submitted not later than thirty (30) days after the end of the quarter being reported. Section C - General Reporting contains the Permittee's obligation with regard to the reporting required by this condition.

The report submitted by the Permittee does require a certification that meets the requirements of 326 IAC 2-7-6(1) by a "responsible official," as defined by 326 IAC 2-7-1(35).

SECTION E.1 NSPS

Emissions Unit Description:

(ll) One (1) natural gas-fired package boiler, identified as EU40, approved in 2022 for construction, with a maximum heat input capacity of 144 MBtu/hr, using no control, and exhausting to stack (EP15).

Under 40 CFR 60, Subpart Db, this is considered an affected facility.
Under 40 CFR 63, Subpart DDDDD, this is considered a new affected facility.

(pp) Boiler #4, identified as EU46, constructed in 2008, with a rated capacity of 145 MMBtu per hour firing natural gas, exhausting to one (1) stack (EP46);

Under 40 CFR 60, Subpart Db, this is considered an affected facility.
Under 40 CFR 63, Subpart DDDDD, this is considered an affected facility.

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

New Source Performance Standards (NSPS) Requirements [326 IAC 2-7-5(1)]

E.1.1 General Provisions Relating to New Source Performance Standards [326 IAC 12-1] [40 CFR Part 60, Subpart A]

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

(b) Pursuant to 40 CFR 60.4, the Permittee shall submit all required notifications and reports to:

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

E.1.2 Industrial-Commercial-Institutional Steam Generating Units NSPS [326 IAC 12] [40 CFR Part 60, Subpart Db]

The Permittee shall comply with the following provisions of 40 CFR Part 60, Subpart Db (included as Attachment B to the operating permit), which are incorporated by reference as 326 IAC 12, for the emission unit(s) listed above:

(1) 40 CFR 60.40b(a), (g), (j);
(2) 40 CFR 60.41b;
(3) 40 CFR 60.42b(k)(2)
(4) 40 CFR 60.44b(a)(1), (h), (i), (l)(1)
(5) 40 CFR 60.45b(j), (k)
(6) 40 CFR 60.46b(a), (c) and (e);
(7) 40 CFR 60.47b(f)
(5) 40 CFR 60.48b(b) through (g), (j)(2)
(6) 40 CFR 60.49b(a), (b), (c), (d), (f) through (i), (o), (v), (w)

SECTION E.2 NSPS

Emissions Unit Description:

(mm) Boiler #3, identified as EU41, constructed in 1992, with a rated capacity of 82.5 MMBtu per hour and firing natural gas, exhausting to one (1) stack (EP17);

Under 40 CFR 60, Subpart Dc, this is considered an affected facility.
Under 40 CFR 63, Subpart DDDDD, this is considered an affected facility.

(nn) One (1) Refinery Boiler, identified as EU42, constructed in 2000, with a rated capacity of 13 MMBtu per hour and firing natural gas, exhausting to one (1) stack (EP18);

Under 40 CFR 60, Subpart Dc, this is considered an affected facility.
Under 40 CFR 63, Subpart DDDDD, this is considered an affected facility.

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

New Source Performance Standards (NSPS) Requirements [326 IAC 2-7-5(1)]

E.2.1 General Provisions Relating to New Source Performance Standards [326 IAC 12-1] [40 CFR Part 60, Subpart A]

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

(b) Pursuant to 40 CFR 60.4, the Permittee shall submit all required notifications and reports to:

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

E.2.2 Small Industrial-Commercial-Institutional Steam Generating Units NSPS [326 IAC 12] [40 CFR Part 60, Subpart Dc]

The Permittee shall comply with the following provisions of 40 CFR Part 60, Subpart Dc (included as Attachment C to the operating permit), which are incorporated by reference as 326 IAC 12, for the emission unit(s) listed above:

(1) 40 CFR 60.40c(a), (b), (c), and (d);
(2) 40 CFR 60.41c;
(3) 40 CFR 60.42c(d) and (e)(2);
(4) 40 CFR 60.48c(a), (f), (g), (h), (i), and (j).

SECTION E.3 NSPS

Emissions Unit Description:

(a) One (1) rail unloading operation, identified as EU01, constructed in 1946 modified in 2004 and approved in 2024 for modification, with a maximum throughput of 1,444,500 tons per year, controlled for particulate matter by one (1) baghouse (GR-1) and exhausting to one (1) stack (EP01), including the following:

(1) Two (2) discharge drag conveyors (S-1 and S-1A), approved in 2024 for modification;

Under 40 CFR 60, Subpart DD, this is considered an affected facility.

(c) One (1) truck receiving pit, identified as EU50, approved in 2024 for construction, with a maximum capacity of 900 tons per hour, using baghouse (GR-1) as control, and exhausting to stack (EP01), including the following:

(1) One (1) drag conveyor, identified as EU50a, approved in 2024 for construction, with a maximum throughput capacity of 900 tons per hour.

Under 40 CFR 60, Subpart DD, this is considered an affected facility.

(e) Conveying operations with particulate emissions controlled by existing baghouse (GR-1) and exhausting to stack (EP01):

(1) One (1) drag conveyor to grain storage (S-5), identified as EU04, constructed in 1946 and modified in 2008 and approved in 2024 for modification, with a maximum throughput of 1,444,500 tons per year, controlled for particulate matter by one (1) baghouse (GR-1) and exhausting to one (1) stack (EP01);

(2) One (1) enclosed drag conveyor (S-5a), identified as EU-04a, constructed in 2011 and approved in 2024 for modification, with a maximum hourly rated capacity of 20,000 bushels and a limited yearly rated capacity of 1,444,500 tons, with particulate emissions controlled by one (1) existing baghouse (GR-1) and exhausting to one (1) stack (EP01);

(3) One (1) jump drag reclaim conveyor for (EU06), identified as EU06a, approved in 2024 for construction, with a maximum rated capacity of 10,000 bushels per hour.

(4) One (1) fill conveyor for concrete silos (EU05), identified as EU05a, approved in 2024 for construction, with a maximum rated capacity of 10,000 bushels per hour.

(5) Grain sweep conveyors for steel storage tanks (EU06), identified as EU06b, approved in 2024 for construction, with a maximum rated capacity of 10,000 bushels per hour.

Under 40 CFR 60, Subpart DD, this is considered an affected facility.

(h) Two (2) conveyors from grain storage (S-6 and S-7), identified as EU07, constructed in 1946, modified in 2008, and approved in 2024 for modification, with a maximum throughput of 1,314,000 tons per year, controlled for particulate matter by one (1) cyclone (CE-18) and one (1) baghouse (CE-05) in series and exhausting to one (1) stack (EP03);

Under 40 CFR 60, Subpart DD, this is considered an affected facility.

(i) One (1) grain cleaner (P-120), identified as EU09, constructed in June of 1990 and modified in 2008, with a maximum throughput of 1,314,000 tons per year, controlled for particulate matter by one (1) cyclone (CE-18) and one (1) baghouse (CE-05) in series and exhausting to one (1) stack (EP03);

Under 40 CFR 60, Subpart DD, this is considered an affected facility.

(j) One (1) E/W bean dryer, identified as EU10, constructed in February of 1986, with a maximum throughput of 1,314,000 tons per year, controlled for particulate matter by one (1) cyclone (CE-06) and one (1) baghouse (BH-06A) in series and exhausting to one (1) stack (EP04);

Under 40 CFR 60, Subpart DD, this is considered an affected facility

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

New Source Performance Standards (NSPS) Requirements [326 IAC 2-7-5(1)]

E.3.1 General Provisions Relating to New Source Performance Standards [326 IAC 12-1] [40 CFR Part 60, Subpart A]

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

(b) Pursuant to 40 CFR 60.4, the Permittee shall submit all required notifications and reports to:

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

E.3.2 Grain Elevators NSPS [326 IAC 12] [40 CFR Part 60, Subpart DD]

The Permittee shall comply with the following provisions of 40 CFR Part 60, Subpart DD (included as Attachment D to the operating permit), which are incorporated by reference as 326 IAC 12, for the emission unit(s) listed above:

(1) 40 CFR 60.300;
(2) 40 CFR 60.301;
(3) 40 CFR 60.302(b), (c)(1), (c)(2);
(4) 40 CFR 60.303;
(5) 40 CFR 60.304.

SECTION E.4 NESHAP

Emissions Unit Description:

(kk) One (1) oil extraction process using hexane solvent, identified as EU38, constructed in May of 1985 and modified in 2008, with a maximum throughput of 1,314,000 tons per year and emissions released through a number of exit streams in the process collectively called the "hexane bubble". The process is equipped with one (1) mineral oil absorber/scrubber (CE-22), which exhausts through one (1) stack (EP25). This process is also equipped with a once-through cold water condenser located between the vent condenser and the mineral oil absorber/scrubber;

Under 40 CFR 63, Subpart GGGG, this is considered an affected facility.

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

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

E.4.1 General Provisions Relating to National Emission Standards for Hazardous Air Pollutants under 40 CFR Part 63 [326 IAC 20-1] [40 CFR Part 63, Subpart A]

(a) Pursuant to 40 CFR 63.1 the Permittee shall comply with the provisions of 40 CFR Part 63, Subpart A – General Provisions, which are incorporated by reference as 326 IAC 20-1, for the emission unit(s) listed above, except as otherwise specified in 40 CFR Part 63, Subpart GGGG.

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

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

E.4.2 Solvent Extraction for Vegetable Oil Production NESHAP [40 CFR Part 63, Subpart GGGG] [326 IAC 20-60]

The Permittee shall comply with the following provisions of 40 CFR Part 63, Subpart GGGG (included as Attachment E to the operating permit), which are incorporated by reference as 326 IAC 20-60, for the emission unit(s) listed above:

(1) 40 CFR 63.2830;
(2) 40 CFR 63.2831;
(3) 40 CFR 63.2832(a);
(4) 40 CFR 63.2833(a), (c), and (d), Table 1 Item 1 and 3;
(5) 40 CFR 63.2834 Table 1 Item (a);
(6) 40 CFR 63.2840(a), Table 1 Item (ix, x, xi), (b)(1-5), (e), and (f);
(7) 40 CFR 63.2850(a), (b), (d), (e), Table 1, Table 2 Item (b) and (c);
(8) 40 CFR 63.2851;
(9) 40 CFR 63.2852;
(10) 40 CFR 63.2853;
(11) 40 CFR 63.2854;
(12) 40 CFR 63.2855;
(13) 40 CFR 63.2860(a), (c), and (d);

(14) 40 CFR 63.2861;
(15) 40 CFR 63.2862;
(16) 40 CFR 63.2863;
(17) 40 CFR 63.2870 Table 1;
(18) 40 CFR 63.2871;
(19) 40 CFR 63.2872.

SECTION E.5 **NESHAP**

Emissions Unit Description:

Insignificant Activities:

(e) One (1) stationary diesel emergency fire pump identified as EU49, constructed in 1985, with a 230 horsepower engine, using no controls, and exhausting to the atmosphere.

Under 40 CFR 63, Subpart ZZZZ, the diesel-fired emergency fire pump is considered an existing affected facility.

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

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

E.5.1 General Provisions Relating to National Emission Standards for Hazardous Air Pollutants under 40 CFR Part 63 [326 IAC 20-1] [40 CFR Part 63, Subpart A]

(a) Pursuant to 40 CFR 63.1 the Permittee shall comply with the provisions of 40 CFR Part 63, Subpart A – General Provisions, which are incorporated by reference as 326 IAC 20-1, for the emission unit(s) listed above, except as otherwise specified in 40 CFR Part 63, Subpart ZZZZ.

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

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

E.5.2 Stationary Reciprocating Internal Combustion Engines NESHAP [40 CFR Part 63, Subpart ZZZZ] [326 IAC 20-82]

The Permittee shall comply with the following provisions of 40 CFR Part 63, Subpart ZZZZ (included as Attachment F to the operating permit), which are incorporated by reference as 326 IAC 20-82, for the emission unit(s) listed above:

(1) 40 CFR 63.6580;
~~(2) 40 CFR 63.6585(a) and (b);~~
~~(3) 40 CFR 63.6590(a)(1)(ii) and (iv);~~
~~(4) 40 CFR 63.6595(a)(1) and (c);~~
~~(5) 40 CFR 63.6602;~~
~~(6) 40 CFR 63.6605;~~
~~(7) 40 CFR 63.6612;~~
~~(8) 40 CFR 63.6625(f);~~
~~(9) 40 CFR 63.6630(c);~~
~~(10) 40 CFR 63.6640(f);~~
~~(11) 40 CFR 63.6645(a)(5);~~
~~(12) 40 CFR 63.6650(f);~~
~~(13) 40 CFR 63.6655(f)(1);~~
~~(14) 40 CFR 63.6660;~~
~~(15) 40 CFR 63.6665;~~

Commented [SEM3]: From TV Renewal review: The engine is a new emergency RICE < 500 hp, therefore the only requirement under ZZZZ is to comply with IIII. See updated revisions.

~~(16) 40 CFR 63.6670;~~
~~(17) 40 CFR 63.6675;~~
~~(18) Table 2c to Subpart ZZZZ of Part 63 (Item 1)~~
~~(19) Table 6 to Subpart ZZZZ of Part 63 (Item 9)~~
~~(20) Table 8 to Subpart ZZZZ of Part 63~~

SECTION E.6 NESHAP

Emissions Unit Description:

(ll) One (1) natural gas-fired package boiler, identified as EU40, approved in 2022 for construction, with a maximum heat input capacity of 144 MBtu/hr, using no control, and exhausting to stack (EP15).

Under 40 CFR 60, Subpart Db, this is considered an affected facility.
Under 40 CFR 63, Subpart DDDDD, this is considered a new affected facility.

(ll) Boiler #3, identified as EU41, constructed in 1992, with a rated capacity of 82.5 MMBtu per hour and firing natural gas, exhausting to one (1) stack (EP17);

Under 40 CFR 60, Subpart Dc, this is considered an affected facility.

Under 40 CFR 63, Subpart DDDDD, this is considered an affected facility.

(nn) One (1) Refinery Boiler, identified as EU42, constructed in 2000, with a rated capacity of 13 MMBtu per hour and firing natural gas, exhausting to one (1) stack (EP18);

Under 40 CFR 60, Subpart Dc, this is considered an affected facility.

Under 40 CFR 63, Subpart DDDDD, this is considered an affected facility.

(pp) Boiler #4, identified as EU46, constructed in 2008, with a rated capacity of 145 MMBtu per hour firing natural gas, exhausting to one (1) stack (EP46);

Under 40 CFR 60, Subpart Db, this is considered an affected facility.
Under 40 CFR 63, Subpart DDDDD, this is considered an affected facility.

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

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

E.6.1 General Provisions Relating to National Emission Standards for Hazardous Air Pollutants under 40 CFR Part 63 [326 IAC 20-1] [40 CFR Part 63, Subpart A]

(a) Pursuant to 40 CFR 63.1 the Permittee shall comply with the provisions of 40 CFR Part 63, Subpart A – General Provisions, which are incorporated by reference as 326 IAC 20-1, for the emission unit(s) listed above, except as otherwise specified in 40 CFR Part 63, Subpart DDDDD.

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

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

E.6.2 Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters NESHAP [40 CFR Part 63, Subpart DDDDD] [326 IAC 20-95]

The Permittee shall comply with the following provisions of 40 CFR Part 63, Subpart DDDDD (included as Attachment G to the operating permit), which are incorporated by reference as 326 IAC 20-95, for the emission unit(s) listed above:

(1) 40 CFR 63.7480;
(2) 40 CFR 63.7485;
(3) 40 CFR 63.7490(a), (b) and (d);
(4) 40 CFR 63.7495(a), (b) and (d);
(5) 40 CFR 63.7499(l),
(6) 40 CFR 63.7500(a)(1), (2), (3), (b), and (f);
(7) 40 CFR 63.7505(a) and (e);
(8) 40 CFR 63.75109a)(2), (e), (g);
(9) 40 CFR 63.7515;
(10) 40 CFR 63.7520;
(11) 40 CFR 63.7521;
(14) 40 CFR 63.7540(a)(10), (a)(12), (a)(13), (c), and (d);
(16) 40 CFR 63.7545;
(17) 40 CFR 63.7550(a), (b), (c)(1), (c)(2), (c)(5), (d), and (h);
(18) 40 CFR 63.7555(a),
(19) 40 CFR 63.7560;
(20) 40 CFR 63.7565;
(21) 40 CFR 63.7570;
(22) 40 CFR 63.7575;
(24) Table 3
(28) Table 9
(29) Table 10

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE AND ENFORCEMENT BRANCH
PART 70 OPERATING PERMIT
CERTIFICATION

Source Name: Archer Daniels Midland Company
Source Address: 2191 West County Road 0 N/S, Frankfort, Indiana 46041
Part 70 Permit No.: T023-41016-00011

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

Please check what document is being certified:

☐ Annual Compliance Certification Letter

☐ Test Result (specify)

☐ Report (specify)

☐ Notification (specify)

☐ Affidavit (specify)

☐ Other (specify)

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

Signature:
Printed Name:
Title/Position:
Phone:
Date:

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

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

PART 70 OPERATING PERMIT
EMERGENCY OCCURRENCE REPORT

Source Name: Archer Daniels Midland Company
Source Address: 2191 West County Road 0 N/S, Frankfort, Indiana 46041
Part 70 Permit No.: T023-41016-00011

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

□ This is an emergency as defined in 326 IAC 2-7-1(12)

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

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

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

If any of the following are not applicable, mark N/A **Page 2 of 2**

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

Form Completed by: _____

Title / Position: _____

Date: _____

Phone: _____

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

Part 70 Quarterly Report

Source Name: Archer Daniels Midland Company
Source Address: 2191 West County Road 0 N/S, Frankfort, Indiana 46041
Part 70 Permit No.: T023-41016-00011
Facility: Enclosed Drag Conveyor (S-5a)
Parameter: Combined Grain Throughput
Limit: The combined grain throughput to the one (1) enclosed drag conveyor (S-5a), identified as EU-04a and conveyor (S-5), shall not exceed 1,444,500 tons per twelve (12) consecutive month period with compliance determined at the end of each month.

QUARTER : _____ YEAR: _____

Month	Column 1	Column 2	Column 1 + Column 2
	Soybean Meal Production This Month (tons)	Soybean Meal Production Previous 11 Months (tons)	Soybean Meal Production 12 Month Total (tons)

□ No deviation occurred in this quarter.

□ Deviation/s occurred in this quarter.
Deviation has been reported on:

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

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

Part 70 Quarterly Report

Source Name: Archer Daniels Midland Company
Source Address: 2191 West County Road 0 N/S, Frankfort, Indiana 46041
Part 70 Permit No.: T023-41016-00011
Facility: Entire Source
Parameter: VOC emissions
Limit: The amount of soybeans processed by the source shall not exceed 1,314,000 tons per twelve consecutive month period with compliance determined at the end of each month.

QUARTER : _____ YEAR: _____

Month	Column 1	Column 2	Column 1 + Column 2
	Soybeans Processed This Month (tons)	Soybeans Processed Previous 11 Months (tons)	Soybeans Processed 12 Month Total (tons)

□ No deviation occurred in this quarter.

□ Deviation/s occurred in this quarter.
Deviation has been reported on:

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

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

Part 70 Quarterly Report

Source Name: Archer Daniels Midland Company
Source Address: 2191 West County Road 0 N/S, Frankfort, Indiana 46041
Part 70 Permit No.: T023-41016-00011
Facility: Entire Source
Parameter: Soybean Meal Production
Limit: The source soybean meal production shall be limited to a total of 1,143,180 tons per twelve (12) consecutive month period, with compliance at the end of each month.

QUARTER : _____ YEAR: _____

Month	Column 1	Column 2	Column 1 + Column 2
	Soybean Meal Production This Month (tons)	Soybean Meal Production Previous 11 Months (tons)	Soybean Meal Production 12 Month Total (tons)

□ No deviation occurred in this quarter.

□ Deviation/s occurred in this quarter.
Deviation has been reported on:

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

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

Part 70 Quarterly Report

Source Name: Archer Daniels Midland Company
Source Address: 2191 West County Road 0 N/S, Frankfort, Indiana 46041
Part 70 Permit No.: T023-41016-00011
Facility: Railcars
Parameter: Soybean Meal, Hulls, and Hull Pellets
Limit: The soybean meal, hulls, and hull pellets stockpiled into the railcars during plant's shutdown, shall be limited to 100,000 tons per twelve (12) consecutive month period, with compliance at the end of each month. The soybean meal, hulls, and hull pellets stockplied shall be counted toward the source total soybean meal production limit of 1,143,180 tons per twelve (12) consecutive month period.

QUARTER : _____ YEAR: _____

Month	Column 1	Column 2	Column 1 + Column 2
	Soybean Meal, Hulls, and Hull Pellets This Month (tons)	Soybean Meal, Hulls, and Hull Pellets Previous 11 Months (tons)	Soybean Meal, Hulls, and Hull Pellets 12 Month Total (tons)

□ No deviation occurred in this quarter.

□ Deviation/s occurred in this quarter.
Deviation has been reported on:

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

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

Part 70 Quarterly Report

Source Name:	Archer Daniels Midland Company
Source Address:	2191 West County Road 0 N/S, Frankfort, Indiana 46041
Part 70 Permit No.:	T023-41016-00011
Facility:	Rail soybean meal receiving station (EU51)
Parameter:	Soybean Meal Received
Limit:	The source soybean meal received shall be limited to a total of 100,000 tons per twelve (12) consecutive month period.avoid

Commented [SEM4]: This report is redundant to the preceding report for stockpiling meal and is unnecessary to demonstrate this action is minor for PSD. PTE calcs were based on the physical capacity of 1.095 MM tons per year to specifically avoid further recordkeeping requirements.

QUARTER : _____ YEAR: _____

Month	Column 1	Column 2	Column 1 + Column 2
	Soybean Meal Received This Month (tons)	Soybean Meal Received Previous 11 Months (tons)	Soybean Meal Received 12 Month Total (tons)

☐ No deviation occurred in this quarter.

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

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

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

Part 70 Quarterly Report

Source Name:	Archer Daniels Midland Company
Source Address:	2191 West County Road 0 N/S, Frankfort, Indiana 46041
Part 70 Permit No.:	T023-41016-00011
Facility:	Oil extraction process using hexane solvent, identified as EU38
Parameter:	VOC
Limit:	The overall solvent loss ratio from the oil extraction process shall not exceed 0.179 gallons of hexane per ton of soybeans processed. Compliance with the solvent loss ratio limit shall be demonstrated using the average solvent loss ratio per twelve (12) consecutive month period with compliance determined at the end of each month.

Calculate a compliance ratio, which compares the actual VOC loss to the allowable VOC loss for the previous twelve (12) months. The equation to calculate a compliance ratio follows:

(a) Compliance Ratio = (Actual VOC loss)/(Allowable VOC loss) (Eq. 1)

(b) Equation 1 can also be expressed as a function of total solvent loss as shown in Equation 2.

(c) Compliance Ratio = [f* Actual Solvent Loss]/0.64 [(Soybean processed)$_C$ * (SLF_C)] (Eq. 2)

f = The weighted average volume fraction of VOC in solvent received during the previous twelve (12) operating months, dimensionless

0.64 = The average volume fraction of VOC in solvent in the baseline performance data, dimensionless

Actual Solvent Loss = Gallons of actual solvent loss during previous twelve (12) operating month

SLF_C = 0.2 gals/ton (for existing source, conventional soybean process)

QUARTER : _____ YEAR: _____

Month	Column 1	Column 2	Column 1 + Column 2
	Overall Solvent Loss Ratio This Month (gallons per ton)	Overall Solvent Loss Ratio Previous 11 Months (gallons per ton)	Overall Solvent Loss Ratio 12 Month Total (gallons per ton)

Commented [SEM5]: From TV Renewal review comments: The formula on the quarterly report table for the Solvent Loss Ratio (SLR) is different than the formula on the preceding page and in Condition D.1.3. The SLR should be dimensionless and not gallons per ton, and cannot be summed for each month. ADM requests to clarify these requirements to verify the correct data is being submitted.

☐ No deviation occurred in this quarter.

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

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

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE AND ENFORCEMENT BRANCH
PART 70 OPERATING PERMIT
QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT

Source Name: Archer Daniels Midland Company
Source Address: 2191 West County Road 0 N/S, Frankfort, Indiana 46041
Part 70 Permit No.: T023-41016-00011

Months: _____ to _____ Year: _____

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

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

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

Form Completed by: _____

Title / Position: _____

Date: _____

Phone: _____

From: Jarvis, Austin
To: Wessel, Tamera; Sulita, Eric M
Subject: RE: [EXTERNAL] RE: Applicant Review for MSM No. 023-47831-00011 and Renewal for Archer Daniels Midland Company
Date: Friday, June 21, 2024 2:46:09 PM
Attachments: image009.png
image010.png
image011.png
image013.png
image014.png
image015.png
image016.png
image017.png
image001.png

**** This is an EXTERNAL email. Exercise caution. DO NOT open attachments or click links from unknown senders or unexpected email. ****

Thank you, Tamera. We appreciate your work on this!

Have a great weekend.

Thank You,

Austin Jarvis
Environmental Coordinator

ADM - Frankfort
2191 W County Road 0 NS
Frankfort, IN 46041

M: 765-652-8811
adm.com

From: Wessel, Tamera <TWessel@idem.IN.gov>
Sent: Thursday, June 20, 2024 5:14 PM
To: Sulita, Eric M <emsulita@burnsmcd.com>; Jarvis, Austin <Austin.Jarvis@adm.com>
Subject: [EXTERNAL] RE: Applicant Review for MSM No. 023-47831-00011 and Renewal for Archer Daniels Midland Company
Importance: High

Dear Mr. Jarvis and Mr. Sulita:

I have attached the updated draft permit documents to let you know what changes were made. IDEM OAQ plans to issue the minor source modification (MSM) on Monday. The MSM is for construction approval for the new unit. All other changes not made in the MSM will be addressed in the renewal. You will be given a chance to review the updated renewal documents before posting for the public notice period.

Tamera Wessel
Environmental Engineer 2
Permits Branch, IDEM Office of Air Quality
Phone: 317-234-8530

From: Sulita, Eric M <emsulita@burnsmcd.com>
Sent: Monday, June 17, 2024 9:52 AM
To: Wessel, Tamera <TWessel@idem.IN.gov>
Cc: Austin.Jarvis@adm.com; Marchese, Andrew <Andrew.Marchese@adm.com>; Dorigan, Therese <tdorigan@burnsmcd.com>; Roberts, Lisa <lisa.roberts@adm.com>
Subject: RE: Applicant Review for MSM No. 023-47831-00011 and SPM for Archer Daniels Midland Company

**** This is an EXTERNAL email. Exercise caution. DO NOT open attachments or click links from unknown senders or unexpected email. ****

Hi Tamera,
Thank you for the opportunity to review the draft permit documents. We have reviewed and included our comments in the attached draft, and summarized below:

- Previous comments provided for the Title V renewal have not been addressed in this version. I understand IDEM is delaying the issuance of the renewal until after the current modification (rail receiving station) has been issued – will these comments be addressed in the final renewal?
- The new emission limits for the new rail receiving unit do not account for the uncaptured emissions, see attached comments.
- The new 100,000 tpy limit and associated quarterly report for the rail receiving unit is redundant to the existing stockpiling report and is unnecessary to demonstrate this action is minor for PSD. PTE calcs were based on the physical capacity of 1.095 MM tons per year to

specifically avoid further recordkeeping requirements. ADM requests to remove this requirement and quarterly report.

Thank you again for your assistance,
Sincerely,

Eric Sulita, PE \ Burns & McDonnell
Senior Environmental Engineer – Environmental Services
O 872-250-9001 \ M 630-450-4421
emsulita@burnsmcd.com \ burnsmcd.com
200 W Adams St., Suite 2700 \ Chicago, IL 60606

From: Wessel, Tamera <TWessel@idem.IN.gov>
Sent: Tuesday, June 11, 2024 4:20 PM
To: Sulita, Eric M <emsulita@burnsmcd.com>; Austin.Jarvis@adm.com
Subject: Applicant Review for MSM No. 023-47831-00011 and SPM for Archer Daniels Midland Company

Dear Mr. Jarvis and Mr. Sulita:

Attached please find the draft Minor Source Modification and Significant Permit Modification and supporting documents for review. I have only enclosed the source modification drafts since the permit modification documents are identical to the source modification documents except for the cover letter. As a courtesy, this draft is being provided to you for an opportunity to review and provide comments prior to posting the public notice on IDEM's website. This supplemental step of providing you the draft permit does not take away your legal right to provide comments during the 30-day comment period.

The time clock for Minor Source Modification No. 023-47831-00011 and Significant Permit Modification will be stopped during your review until you either provide comments or indicate that you do not have any comments. Due to permit accountability and IDEM's intention to public notice the permits in a timely manner, you are being allotted two (2) weeks to provide comments in writing. If you have any conflicts or special circumstances that would impede your review process during the time allotted, please notify me directly at the email address or phone number listed below as soon as possible. If you have not responded on or before June 25, 2024, IDEM will assume that you have no comments pertaining to this draft and all files will be forwarded for public notice.

During this review period, I will be available to address your concerns, answer any questions that you may have, or make necessary revisions to this draft.

Pursuant to 326 IAC 2-1.1-7, the fee for this permitting action is expected to be $793, which is based on the following:

$793	TV Minor Source Modification

Please note: This is not a bill. This represents the anticipated fee and is subject to change if additional review is required or the permit level changes for some reason (e.g. an additional NESHAP review is required). You will receive a final bill from the OAQ Permits Administration and Support Section.

Sincerely,

Tamera Wessel
Environmental Engineer 2

(317) 234-8530 • TWessel@idem.IN.gov

www.idem.IN.gov