

Air Quality

PERMIT TO CONSTRUCT

Permittee Handy Truck Lines Meridian
Permit Number P-2010.0046
Project ID 63137
Facility ID 001-00224
Facility Location 630 E King Street
Meridian, ID 83642

Permit Authority

This permit (a) is issued according to the “Rules for the Control of Air Pollution in Idaho” (Rules), IDAPA 58.01.01.200–228; (b) pertains only to emissions of air contaminants regulated by the State of Idaho and to the sources specifically allowed to be constructed or modified by this permit; (c) has been granted on the basis of design information presented with the application; (d) does not affect the title of the premises upon which the equipment is to be located; (e) does not release the permittee from any liability for any loss due to damage to person or property caused by, resulting from, or arising out of the design, installation, maintenance, or operation of the proposed equipment; (f) does not release the permittee from compliance with other applicable federal, state, tribal, or local laws, regulations, or ordinances; and (g) in no manner implies or suggests that the Idaho Department of Environmental Quality (DEQ) or its officers, agents, or employees assume any liability, directly or indirectly, for any loss due to damage to person or property caused by, resulting from, or arising out of design, installation, maintenance, or operation of the proposed equipment. Changes in design, equipment, or operations may be considered a modification subject to DEQ review in accordance with IDAPA 58.01.01.200–228.

Date Issued November 22, 2023



Aaron Hoberg, PE, Permit Writer



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Contents

| | | |
|---|---------------------------------------|----|
| 1 | Permit Scope..... | 3 |
| 2 | Cement Transloading and Dry Mix | 4 |
| 3 | General Provisions..... | 10 |

1 Permit Scope

Purpose

- 1.1 This is a revised permit to construct (PTC) to incorporate Baghouse #9 into the existing permit as well as increase seasonal operational hours.
- 1.2 Those permit conditions that have been modified or revised by this permitting action are identified by the permit issue date citation located directly under the permit condition and on the right-hand margin.
- 1.3 This PTC replaces Permit to Construct No. P-2010.0046, issued on May 28, 2010.

Regulated Sources

Table 1.1 lists all sources of regulated emissions in this permit.

Table 1.1 Regulated Sources

| Permit Section | Source | Control Equipment |
|----------------|---|--|
| 2 | <u>Fluidized bed dryer</u> Construction Date: June 1, 2007 Fuel: Natural Gas Rating: 10 MMBtu/hr Capacity: 45 T/hr Operation: 7,000 hr/yr | <u>Baghouse BH1</u> Manufacturer: Ventilex Model: 150-3500-192 |
| 2 | <u>Dryer feed transfer points</u> <u>Feeder Belt (sand and gravel)</u> Manufacturer: Custom built Construction Date: June 1, 2007 Rated capacity: 1 meter <u>Feed Conveyor (sand and gravel)</u> Manufacturer: Custom built Construction Date: June 1, 2007 Rated capacity: 1 meter | <u>Baghouse BH2</u> Manufacturer: Carbo Tech Model: 12-12-12-27-14-RTH |
| 2 | <u>Building #2 Dry Mix Plant</u> Dry Mix process dust emissions Inside Building #2. | <u>Baghouse BH3</u> Manufacturer: IAC Systems Model: 120TB-BHT-196 Style 3 |
| 2 | <u>White Silo – Outside Sand Silo</u> Silo vent | <u>Baghouse BH4</u> Manufacturer: Mikropul Model: B.V.-30 |
| 2 | <u>(Rail) Track Load-out System - Storage Silos</u> Flyash Bin Vents No. 1, 2, and 3 | <u>Bin Vent Flyash Baghouses, BH5, BH6, BH7</u> Manufacturer: IAC Systems Model: 84TB-BVI-16 Style 2 |
| 2 | <u>(Rail) Track Load-out System – Truck Load-out</u> Fugitive flyash and truck loadout | <u>Fugitive Flyash Baghouse BH8</u> Manufacturer: Mikropul Model: 64S-10-20-C |
| 2 | <u>(Rail) Track Load-out System – Truck Load-out</u> Fugitive flyash and truck loadout | <u>Fugitive Flyash Baghouse BH9</u> Manufacturer: Ventilex Model: 847B-BVI-16 |
| 2 | <u>Truck Unloading Front-Loader Transfers Feed Conveyor Transfers</u> Sand and gravel delivery to piles. Transfer from piles to hoppers. Sand and gravel transfers from hoppers to feed belt and feed conveyor. | None |

2 Cement Transloading and Dry Mix

2.1 Process Description

The Handy Truck Line, Inc. (Handy) Meridian Terminal conducts two separate processes: flyash and cement transloading along with batch and custom cement and concrete dry mixing and bagging for commercial sales. Flyash and cement are delivered to the facility by rail and transferred into storage silos. A maximum of 335,000 tons per year of flyash and 600,000 tons per year of cement are transferred from the silos into trucks for shipment off-site. The remainder of the flyash and cement are used onsite to produce dry-mix concrete. Particulate matter emissions from the transloading and silo filling are controlled by baghouses.

Sand and gravel are delivered to the facility by truck and offloaded into storage piles. A maximum of 262,800 tons per year of sand and 131,400 tons per year of gravel are delivered to the facility. Sand and gravel are first transferred into hoppers, then conveyed to a natural gas-fired fluidized bed dryer where the excess moisture is driven off. The material is then sorted using a classifier. Sand and gravel meeting size specifications are loaded into a bucket elevator while the small amount of larger-size material rejected in the classifier is typically used onsite as parking area material. Particulate matter emissions from the storage piles are controlled by applying water, and emissions from the drying process are controlled by baghouses. The 45 ton per hour capacity of the dryer limits the amount of dry-mix concrete that can be produced.

Cement and flyash from the transloading facility (105,120 tons per year of cement and 10,500 tons per year of flyash) are pneumatically loaded from the storage silo into powder silos located within Building No. 2. Lime (approximately 15,800 tons per year) is delivered by truck and pneumatically loaded into powder silos. From the powder silos, sand, gravel, flyash, lime, and cement are metered out and transferred to the covered weigh belt feeder and then to the baffle mixer. The final mixture is then moved to the valve bagger for bagging. A baghouse controls dust emissions from the dry mix process carried out within Building No.2.

2.2 Control Device Descriptions

Table 2.1 Cement Transloading and Dry Mix Description

| Emissions Units / Processes | Control Devices | Emission Points |
|-----------------------------|--|-----------------|
| Fluidized Bed Dryer | <u>Baghouse BH1</u> Manufacturer: Ventilex Model: 150-3500-192 Efficiency: PM/PM ₁₀ : 0.005 gr/dscf | BH1/Dryer Stack |
| Dryer Feed Transfer Points | <u>Baghouse BH2</u> Manufacturer: Carbo Tech Model: 12-12-12-27-14-RTH Construction Date: March 1996 Modified: June 1, 2007 Efficiency: PM/PM ₁₀ : 0.005 gr/dscf | BH2 Stack |
| Building #2 Dry Mix Plant | <u>Baghouse BH3</u> Manufacturer: IAC Systems Model: 120TB-BHT-196 Style 3 Construction Date: March 2000 Efficiency: PM/PM ₁₀ : 0.005 gr/dscf | BH3 Stack |

| Emissions Units / Processes | Control Devices | Emission Points |
|---|---|----------------------|
| White Silo – Outside Sand Silo | <u>Baghouse BH4</u> Manufacturer: Mikropul Model: B.V.-30 Construction Date: July 2007 Efficiency: PM/PM ₁₀ : 0.02 gr/dscf (99.9%) | BH4 Stack |
| (Rail) Track Loadout System – Storage Silos | <u>Bin Vent Flyash Baghouses BH5, BH6, and BH7</u> Manufacturer: IAC Systems Model: 84TB-BVI-16 Style 2 Construction Date: July 2007 Efficiency: PM/PM ₁₀ : 0.02 gr/dscf (90%) | BH5, BH6, BH7 Stacks |
| (Rail) Track Loadout System – Truck Loadout | <u>Fugitive Flyash Baghouse BH8</u> Manufacturer: Micropul Model: 64S-10-20-C Construction Date: March 1998 Efficiency: PM/PM ₁₀ : 0.02 gr/dscf | BH 8 Stack |
| (Rail) Track Loadout System – Truck Loadout | <u>Bin Vent Flyash Baghouse BH9</u> Manufacturer: Ventilex Model: 847B-BVI-16 Efficiency: PM/PM ₁₀ : 0.005 gr/dscf | BH 9 Stack |
| Truck Unloading, Front – Loader Transfers Feed Conveyor Transfers | None | Fugitive Emissions |

[11/22/2023]

Emission Limits

2.3 Emission Limits

The emissions from the Cement Transloading and Dry Mix stacks must not exceed any corresponding emissions rate limits listed in Table 2.2.

Table 2.2 Cement Transloading and Dry Mix Emission Limits^(a)

| Source Description | PM ₁₀ ^(b) | | PM _{2.5} ^(b) | | SO ₂ | | NO _x | | CO | | VOC | |
|---------------------------|---------------------------------|---------------------|----------------------------------|---------------------|----------------------|---------------------|----------------------|---------------------|----------------------|---------------------|----------------------|---------------------|
| | lb/hr ^(c) | T/yr ^(d) | lb/hr ^(c) | T/yr ^(d) | lb/hr ^(c) | T/yr ^(d) | lb/hr ^(c) | T/yr ^(d) | lb/hr ^(c) | T/yr ^(d) | lb/hr ^(c) | T/yr ^(d) |
| Fluidized Bed Dryer (BH1) | 0.73 | 3.12 | 0.24 | 0.98 | 0.006 | 0.021 | 1.05 | 3.68 | 2.40 | 8.40 | 0.05 | 0.19 |
| BH2 | 0.66 | 2.87 | 0.16 | 0.72 | --- | --- | --- | --- | --- | --- | --- | --- |
| BH3 | 0.79 | 0.34 | 0.20 | 0.86 | --- | --- | --- | --- | --- | --- | --- | --- |
| BH4 | 0.09 | 0.39 | 0.02 | 0.10 | --- | --- | --- | --- | --- | --- | --- | --- |
| BH5 | 0.21 | 0.92 | 0.05 | 0.23 | --- | --- | --- | --- | --- | --- | --- | --- |
| BH6 | 0.21 | 0.92 | 0.05 | 0.23 | --- | --- | --- | --- | --- | --- | --- | --- |
| BH7 | 0.21 | 0.92 | 0.05 | 0.23 | --- | --- | --- | --- | --- | --- | --- | --- |
| BH8 | 0.21 | 0.92 | 0.05 | 0.23 | --- | --- | --- | --- | --- | --- | --- | --- |
| BH9 | 0.05 | 0.22 | 0.01 | 0.06 | --- | --- | --- | --- | --- | --- | --- | --- |

- In absence of any other credible evidence, compliance is ensured by complying with permit operating, monitoring, and record keeping requirements.
- Particulate matter with an aerodynamic diameter less than or equal to a nominal two point five (2.5) and ten (10) micrometers, including condensable particulate as defined in IDAPA 58.01.01.006.
- Pounds per hour, as determined by a test method prescribed by IDAPA 58.01.01.157, EPA reference test method, continuous emission monitoring system (CEMS) data, or DEQ-approved alternative.
- Tons per any consecutive 12-calendar month period.

[11/22/2023]

2.4 Opacity Limit

Emissions from the Cement Transloading and Dry Mix stacks, or any other stack, vent, or functionally equivalent opening associated with the Cement Transloading and Dry Mix, must not exceed 20% opacity for a period or periods aggregating more than three minutes in any 60-minute

period as required by IDAPA 58.01.01.625. Opacity must be determined by the procedures contained in IDAPA 58.01.01.625.

[11/22/2023]

Operating Requirements

2.5 Seasonal Operation Limits

The Fluidized Bed Dryer process (BH1) is limited to the following hours of operation:

- Twenty-four hours per day, seven days per week, from March 1 through October 31 of each year, and
- 12 hours per day, seven days per week, from November 1 through February 28 of each year

[11/22/2023]

2.6 Sand and Aggregate Delivery Limits

Delivery of Sand and Aggregate is limited to the following daily limits:

- 392 tons per day of Aggregates and 784 tons per day of Sand, from April 1 through October 31
- 294 tons per day of Aggregates and 588 tons per day of Sand, from November 1 through March 31

2.7 Baghouse Control Equipment

The permittee must install, maintain, and operate baghouse/cartridge filter systems to control PM₁₀ and PM_{2.5} emissions:

- Produced by natural gas combustion and process emissions produced by drying materials from the Fluidized Bed Dryer (BH1)
- Produced by material transfer, storage, and handling from the:
 - Dryer feed transfer points (BH2)
 - Building #2 Dry Mix Plant (BH3)
 - White Silo – Outside Sand Silo (BH4)
 - (Rail) Track Load-out System – Storage Silos (BH5, BH6, and BH7)
 - (Rail) Track Load-out System – Truck Load-out (BH8)
 - (Rail) Track Load-out System – Truck Load-out (BH9)

[11/22/2023]

Monitoring and Recordkeeping Requirements

2.8 Baghouse/Filter System Procedure

The permittee must develop a Baghouse Filter System Procedures document for the inspection and operation of the baghouse filter systems that control emissions of particulate matter at the facility. The Baghouse Filter System Procedures document must be a permittee-developed document independent of the manufacturer supplied operating manual but may include summaries of procedures included in the manufacturer supplied operating manual.

The Baghouse Filter System Procedures document must describe the procedures that will be followed to comply with the General Compliance General Provisions and must contain requirements for weekly see/no-see visible emissions inspections of the baghouse. The inspection must occur during daylight hours and under normal operating conditions.

The Baghouse/Filter System Procedures document must include a schedule and procedures for corrective action that will be taken if visible emissions are present from a baghouse at any time. At a minimum the document must include:

- Procedures to determine if bags or cartridges are ruptured; and
- Procedures to determine if bags or cartridges are not appropriately secured in place.

The permittee must maintain records of the results of each baghouse filter system inspection. The records must include, but not be limited to, the following:

- Date and time of inspection,
- Equipment inspected (e.g., exterior housing of baghouse, fan motor, auger, inlet air ducting);
- Description of whether visible emissions were present, and if visible emissions were present a description of the corrective action that was taken.
- Date corrective action was taken.

Any changes to the Baghouse Filter System Procedures document must be submitted within 15 days of the change to the following address.

Air Quality Permit Compliance
Boise Regional Office
Department of Environmental Quality
1445 N Orchard St.
Boise, ID 83706
Phone: (208) 373-0550
Fax: (208) 373-0287

The Baghouse Filter System Procedures document must remain on-site at all times and must be made available to DEQ representatives upon request.

The operating, monitoring, and recordkeeping requirements specified in the Baghouse Filter System Procedures document are incorporated by reference into this permit and are enforceable permit conditions.

[11/22/2023]

2.9 Seasonal Operation Records

To demonstrate compliance with the seasonal operations limit, the permittee must monitor and record the hours of operation of the facility when material handling and during dry-mix concrete production.

2.10 Sand and Aggregate Delivery Monitoring

To demonstrate compliance with the delivery of sand and aggregate daily delivery limits, the permittee must monitor and record the amount of sand and aggregate delivered in tons per day each day a delivery is received.

2.11 Fugitive Emissions Monitoring

All reasonable precautions shall be taken to prevent PM from becoming airborne in accordance with IDAPA 58.01.01.650-651. In determining what is reasonable, consideration will be given to factors such as the proximity of dust emitting operations to human habitations and/or activities and atmospheric conditions that might affect the movement of particulate matter. Some of the reasonable precautions include, but are not limited to, the following:

- Use, where practical, of water or chemicals for control of dust in the demolition of existing buildings or structures, construction operations, the grading of roads, or the clearing of lands.
- Application, where practical, of asphalt, oil, water, or suitable chemicals to, or covering of, dirt roads, material stockpiles, and other surfaces which can create dust.
- Installation and use, where practical, of hoods, fans, and fabric filters or equivalent systems to enclose and vent the handling of dusty materials. Adequate containment methods should be employed during sandblasting or other operations.
- Covering, where practical, of open-bodied trucks transporting materials likely to give rise to airborne dusts.
- Paving of roadways and their maintenance in a clean condition, where practical.
- Prompt removal of earth or other stored material from streets, where practical. The permittee shall monitor and maintain records of the frequency and the method(s) used (water, chemical dust suppressants, etc.) to reasonably control fugitive emissions.

The permittee shall maintain records of all fugitive dust complaints received. The permittee shall take appropriate corrective action as expeditiously as practicable. The records must include, at a minimum, the date that each complaint was received and a description of the following: the complaint, any corrective action taken, and the date the corrective action was taken.

The permittee shall conduct a weekly facility-wide inspection of potential sources of fugitive emissions, during daylight hours and under normal operating conditions to ensure that the methods used to reasonably control fugitive emissions are effective. If fugitive emissions are not being reasonably controlled, the permittee shall take corrective action as expeditiously as practicable. The permittee shall maintain records of the results of each fugitive emissions inspection. The records shall include, at a minimum, the date of each inspection and a description of the following: the permittee's assessment of the conditions existing at the time fugitive emissions were present (if observed), any corrective action taken in response to the fugitive emissions, and the date the corrective action was taken.

2.12 Visible Emissions Monitoring

The permittee shall conduct a weekly facility wide inspection of potential sources of visible emissions, during daylight hours and under normal operating conditions. The visible emissions inspection shall consist of a see/no see evaluation for each potential source. If any visible emissions are present from any point of emission, the permittee shall either take appropriate corrective action as expeditiously as practicable or perform a Method 9 opacity test in accordance with the procedures outlined in IDAPA 58.01.01.625. A minimum of 30 observations shall be recorded when conducting the opacity test. If opacity is greater than 20% for a period or periods aggregating more than three minutes in any 60-minute period, the permittee shall take all necessary corrective action and report the exceedance in accordance with IDAPA 58.01.01.130-136. The permittee shall maintain records of the results of each visible emissions inspection and each opacity test when conducted. The records shall include, at a minimum, the date and results

of each inspection and test and a description of the following: the permittee's assessment of the conditions existing at the time visible emissions are present (if observed), any corrective action taken in response to the visible emissions, and the date corrective action was taken.

2.13 Recordkeeping

The permittee shall comply with the requirements of the Recordkeeping General Provision.

Performance Testing Requirements

2.14 PM₁₀ Performance Test

The permittee conducted a performance test on the fluidized bed dryer to demonstrate compliance with the PM₁₀ emissions limit on November 10, 2009. The most recent performance test was conducted on February 23, 2022. All subsequent performance tests shall be conducted no less than once every five years following the date of each test. Each future test shall include the emission rate limit in units of lb/hr and the averaging period determined by source test methods prescribed by IDAPA 58.01.01.157.

The performance test shall be conducted under worst-case normal operating conditions and in accordance with IDAPA 58.01.01.157; Permit Conditions 2.4, 2.15, 2.16, and 3.1; and the performance testing General Provision of this permit. The permittee is encouraged to submit a performance testing protocol for approval 30 days prior to conducting the performance tests.

The permittee shall monitor and record the following during the performance test:

- The Fluidized bed dryer production, in tons per hour, once every 15 minutes;
- Feed Rate for truck unloading, front end loading and conveyor transfer in tons per hour, once every 15 minutes;
- The visible emissions observed during the performance test.

[11/22/2023]

2.15 PM₁₀ Performance Test Methods and Procedures

The permittee shall use EPA Methods 5 and 202 or such comparable and equivalent methods approved in accordance with IDAPA 58.01.01.157.02.d to determine compliance with the PM₁₀ standard in the Emission Limits Table.

The permittee shall use EPA Method 9 and the procedures referenced in IDAPA 58.01.01.625 to determine compliance with the opacity limit.

[11/22/2023]

2.16 Performance Test Reporting

Performance test reports shall include records of the monitoring, and documentation that the performance test was conducted in accordance with the performance test permit condition. Performance test reports shall be submitted by the permittee to the following address:

Air Quality Permit Compliance
Boise Regional Office
Department of Environmental Quality
1445 N. Orchard St.
Boise, ID 83706

3 General Provisions

General Compliance

3.1 The permittee has a continuing duty to comply with all terms and conditions of this permit. All emissions authorized herein must be consistent with the terms and conditions of this permit and the “Rules for the Control of Air Pollution in Idaho.” The emissions of any pollutant in excess of the limitations specified herein, or noncompliance with any other condition or limitation contained in this permit, must constitute a violation of this permit, the “Rules for the Control of Air Pollution in Idaho,” and the Environmental Protection and Health Act (Idaho Code §39-101, et seq).

[Idaho Code §39-101, et seq.]

3.2 The permittee must at all times (except as provided in the “Rules for the Control of Air Pollution in Idaho”) maintain in good working order and operate as efficiently as practicable all treatment or control facilities or systems installed or used to achieve compliance with the terms and conditions of this permit and other applicable Idaho laws for the control of air pollution.

[IDAPA 58.01.01.211]

3.3 Receiving a permit to construct, a Tier I operating permit, a Tier II operating permit, a Permit by Rule, or a Certificate of Registration for portable equipment does not relieve any owner or operator of the responsibility to comply with all applicable local, state and federal statutes, rules and regulations.

[IDAPA 58.01.01.108]

Inspection and Entry

3.4 Upon presentation of credentials, the permittee must allow DEQ or an authorized representative of DEQ to do the following:

- Enter upon the permittee’s premises where an emissions source is located, emissions-related activity is conducted, or where records are kept under conditions of this permit;
- Have access to and copy, at reasonable times, any records that are kept under the conditions of this permit;
- Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit; and
- As authorized by the Idaho Environmental Protection and Health Act, sample or monitor, at reasonable times, substances or parameters for the purpose of determining or ensuring compliance with this permit or applicable requirements.

[Idaho Code §39-108]

Construction and Operation Notification

3.5 The Department may cancel a permit to construct if the construction is not begun within two (2) years from the date of issuance, or if during the construction, work is suspended for one (1) year.

[IDAPA 58.01.01.211.02]

3.6 The permittee must furnish DEQ written notifications as follows:

- A notification of the date of initiation of construction, within five working days after occurrence; except in the case where pre-permit construction approval has been granted then notification must be made within five working days after occurrence or within five working days after permit issuance whichever is later;

- A notification of the date of any suspension of construction, if such suspension lasts for one year or more; and
- A notification of the initial date of achieving the maximum production rate, within five working days after occurrence - production rate and date.

[IDAPA 58.01.01.211.01]

- A notification of the anticipated date of initial start-up of the stationary source or facility not more than sixty days or less than thirty days prior to such date; and
- A notification of the actual date of initial start-up of the stationary source or facility within fifteen (15) days after such date.

[IDAPA 58.01.01.211.03]

Performance Testing

3.7 If performance testing (air emissions source test) is required by this permit, the permittee must provide notice of intent to test to DEQ at least 15 days prior to the scheduled test date or shorter time period as approved by DEQ. DEQ may, at its option, have an observer present at any emissions tests conducted on a source. DEQ requests that such testing not be performed on weekends or state holidays.

3.8 All performance testing must be conducted in accordance with the procedures in IDAPA 58.01.01.157. Without prior DEQ approval, any alternative testing is conducted solely at the permittee's risk. If the permittee fails to obtain prior written approval by DEQ for any testing deviations, DEQ may determine that the testing does not satisfy the testing requirements. Therefore, at least 30 days prior to conducting any performance test, the permittee is encouraged to submit a performance test protocol to DEQ for approval. The written protocol must include a description of the test method(s) to be used, an explanation of any unusual circumstances regarding the proposed test, and the proposed test schedule for conducting and reporting the test.

3.9 Within 60 days of the completion of field sample collection for the performance test required by this permit, the permittee must submit to DEQ a performance test report. The report must include a description of the process, identification of the test method(s) used, equipment used, all process operating data collected during the test period, and test results, as well as raw test data and associated documentation, including any approved test protocol.

[IDAPA 58.01.01.157]

Monitoring and Recordkeeping

3.10 The permittee must maintain sufficient records to ensure compliance with all of the terms and conditions of this permit. Monitoring records must include, but not be limited to, the following: (a) the date, place, and times of sampling or measurements; (b) the date analyses were performed; (c) the company or entity that performed the analyses; (d) the analytical techniques or methods used; (e) the results of such analyses; and (f) the operating conditions existing at the time of sampling or measurement. All monitoring records and support information must be retained for a period of at least five years from the date of the monitoring sample, measurement, report, or application. Supporting information includes, but is not limited to, all calibration and maintenance records, all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. All records required to be maintained by this permit must be made available in either hard copy or electronic format to DEQ representatives upon request.

[IDAPA 58.01.01.211]

Excess Emissions

- 3.11** The permittee must comply with the procedures and requirements of IDAPA 58.01.01.130-136 for excess emissions. The provisions of IDAPA 58.01.01.130-136 must govern in the event of conflicts between the excess emissions general provisions and the regulations of IDAPA 58.01.01.130-136.

During an excess emissions event, the permittee must, with all practicable speed, initiate and complete appropriate and reasonable action to correct the conditions causing the excess emissions event; to reduce the frequency of occurrence of such events; to minimize the amount by which the emission standard is exceeded; and must, as provided below or upon request of DEQ, submit a full report of such occurrence, including a statement of all known causes, and of the scheduling and nature of the actions to be taken.

[IDAPA 58.01.01.132]

- 3.12** In all cases where startup, shutdown, or scheduled maintenance of any equipment or emission unit is expected to result or results in an excess emissions event, the permittee must demonstrate compliance with IDAPA 58.01.01.133.01(a) through (d), including, but not limited to, the following:

- Ensure that no scheduled startup, shutdown, or maintenance resulting in excess emissions occurs during any period in which an Air Quality Advisory has been declared by DEQ.
- Notifying DEQ of the excess emissions event as soon as reasonably possible, but no later than two hours prior to, the start of the event, unless the permittee demonstrates to DEQ's satisfaction that a shorter advance notice was necessary.
- Reporting and recording the information required pursuant to the excess emissions reporting and recordkeeping requirements and IDAPA 58.01.01.135 and 136 for each excess emissions event due to startup, shutdown, or scheduled maintenance.

[IDAPA 58.01.01.133]

- 3.13** In all cases where upset or breakdown of equipment or an emissions unit, or the initiation of safety measures, results or may result in an excess emissions event, the permittee must demonstrate compliance with IDAPA 58.01.01.134.01(a) and (b) and the following:

- Immediately undertake all appropriate measures to reduce and, to the extent possible, eliminate excess emissions resulting from the event and to minimize the impact of such excess emissions on the ambient air quality and public health.
- Notify DEQ of any upset, breakdown, or safety event that results in excess emissions. Such notification must identify the time, specific location, equipment or emissions unit involved, and (to the extent known) the cause(s) of the occurrence. The notification must be given as soon as reasonably possible, but no later than 24 hours after the event, unless the permittee demonstrates to DEQ's satisfaction that the longer reporting period was necessary.
- Report and record the information required pursuant to the excess emissions reporting and recordkeeping facility wide conditions and IDAPA 58.01.01.135 and 136 for each excess emissions event caused by an upset, breakdown, or safety measure.

- During any period of excess emissions caused by upset, breakdown, or operation under facility safety measures, DEQ may require the permittee to immediately reduce or cease operation of the equipment or emissions unit causing the period until such time as the condition causing the excess has been corrected or brought under control. Such action by DEQ must be taken upon consideration of the factors listed in IDAPA 58.01.01.134.03 and after consultation with the permittee.

[IDAPA 58.01.01.134]

3.14 The permittee must submit a written report to DEQ for each excess emissions event, no later than 15 days after the beginning of such an event. Each report must contain the information specified in IDAPA 58.01.01.135.02.

[IDAPA 58.01.01.135]

3.15 The permittee must maintain excess emissions records at the facility for the most recent five calendar-year period. The excess emissions records must all be made available to DEQ upon request and must include the information requested by IDAPA 58.01.01.136.03(a) and (b) as summarized in the following:

- An excess emissions log book for each emissions unit or piece of equipment containing copies of all reports that have been submitted to DEQ pursuant to IDAPA 58.01.01.135 for the particular emissions unit or equipment; and
- Copies of all startup, shutdown, and scheduled maintenance procedures and upset, breakdown, or safety preventative maintenance plans that have been developed by the permittee in accordance with IDAPA 58.01.01.133 and 134, and facility records as necessary to demonstrate compliance with such procedures and plans.

[IDAPA 58.01.01.136]

Certification

3.16 All documents submitted to DEQ including, but not limited to, records, monitoring data, supporting information, requests for confidential treatment, testing reports, or compliance certification must contain a certification by a responsible official. The certification must state that, based on information and belief formed after reasonable inquiry, the statements and information in the document(s) are true, accurate, and complete.

[IDAPA 58.01.01.123]

False Statements

3.17 No person must knowingly make any false statement, representation, or certification in any form, notice, or report required under this permit or any applicable rule or order in force pursuant thereto.

[IDAPA 58.01.01.125]

Tampering

3.18 Persons are prohibited from knowingly interfering with any monitoring device or method required under this permit or any applicable rule or order in force pursuant thereto.

[IDAPA 58.01.01.126]

Transferability

3.19 This permit is transferable in accordance with procedures listed in IDAPA 58.01.01.209.05.

[IDAPA 58.01.01.209.05]

Severability

- 3.20** The provisions of this permit are severable, and if any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, must not be affected thereby.

[IDAPA 58.01.01.211]