



# Air Quality Construction Permits Collection of Air Permits

**Plant Number:** 70-01-004

**Company:** Grain Processing Corporation

**Contact Person:**  
Mick Durham  
Mgr., Environmental Services

**Responsible Party:**  
Ron Zitzow  
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1600 Oregon Street  
Muscatine, IA, 52761

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## Project/Process Description

Maltrin #4 Spray Dryer

**Maximum Design Capacity:** 5.55 tons of maltrin per hour, dry solids basis

**Maximum Natural Gas Firing Rate:** 28.8 MMBtu per hour (Natural gas fuel only)

**Equipment Location:** 1600 Oregon Street  
Muscatine, IA, 52761

**Project Number:** 19-307

**Project Description:** Modify operating limit range for wet scrubbers CE3110-1 and CE3110-2

**Date:** May 19, 2020

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The permits in this document are issued in accordance with 567 Iowa Administrative Code Chapter 22, and are issued subject to the terms and conditions contained in this document. Issuance of the permits in this document shall not relieve the owner or operator of the responsibility to comply fully with applicable provisions of the State Implementation Plan (SIP), and any other requirements of local, state, and federal law. If any permit contained in this document is modified, superseded, expires, or for any other reason changes or ceases to exist, the status of that permit shall not affect the validity or enforceability of any other permit contained in this document.

A handwritten signature in blue ink, appearing to read 'Ron Zitzow', positioned above a horizontal line.

Under the Direction of the Director of the  
Department of Natural Resources

**List of Emission Units, Control Equipment, Emission Points, and Permits**

<b>EP#</b>	<b>Emission Unit Description</b>	<b>Control Equipment Description</b>	<b>Permit #</b>	<b>Stack Testing</b>
135.0 (East Stack)	Maltrin #4 Spray Dryer with Product Recovery Cyclones (EU3110.0) and	Packed Bed Scrubber (CE3110-1)	85-A-031-S5	Yes
136.0 (West Stack)		Packed Bed Scrubber (CE3110-2)		
	Maltrin #4 Spray Dryer Direct Fired Low-NOx Line Burner (EU3110.1)	Product Transfer Baghouse (CE3110-3)	85-A-032-S5	Yes

## PERMIT CONDITIONS

### 1. Emission Limits

The owner or operator is required to report all emissions as required by law, regardless of whether a specific emission limit has been established in any permit contained in this “Collection of Air Permits”.

A. The following combined emission limits shall not be exceeded for the following emission points:

EPs	Pollutant	lb/hr <sup>1</sup>	tons/yr <sup>2</sup>	Other Limits	Reference/Basis
EP135.0, EP136.0	Sulfur Dioxide (SO <sub>2</sub> )	0.017 <sup>3,4</sup>	NA	NA	RACT, 567 IAC 23.3(3)”e”

<sup>1</sup> The emission limit is expressed as the average of three (3) runs.

<sup>2</sup> The emission limit is based on a twelve (12) month rolling total.

<sup>3</sup> The SO<sub>2</sub> limit is established to address the nonattainment designation for a portion of Muscatine County published in the Federal Register (78 FR 47191) on August 5, 2013. The nonattainment designation is for the 1-hour SO<sub>2</sub> primary national ambient air quality standard promulgated by EPA in 2010 (75 FR 35519, June 22, 2010).

<sup>4</sup> Combined emission limit for EP135.0 and EP136.0.

B. The following emission limits shall not be exceeded per emission point:

EP	Pollutant	lb/hr <sup>1</sup>	tons/yr <sup>2</sup>	Other Limits	Reference/Basis
135.0	Particulate Matter (PM) – State	2.12 <sup>3</sup>	NA	0.1 gr/dscf	567 IAC 23.4(7)
	Particulate Matter (PM) – State	NA	NA	0.03 gr/scf	567 IAC 31.20(1)”d”, LAER
	PM <sub>10</sub>	2.12 <sup>3,4</sup>	NA	NA	NAAQS
	PM <sub>2.5</sub>	0.80 <sup>3,5</sup>	NA	NA	NAAQS
	Opacity	NA	NA	40% <sup>6,7</sup>	567 IAC 23.3(2)”d”
	Sulfur Dioxide (SO <sub>2</sub> )	NA	NA	500 ppm <sub>v</sub>	567 IAC 23.3(3)”e”
	Nitrogen Oxides (NO <sub>x</sub> )	NA	NA	0.04 lb/MMBTU <sup>3,8</sup>	NA
	Carbon Monoxide (CO)	NA	NA	0.074 lb/MMBTU <sup>3,8</sup>	NA
136.0	Particulate Matter (PM) – State	3.26 <sup>3</sup>	NA	0.1 gr/dscf	567 IAC 23.4(7)
	Particulate Matter (PM) – State	NA	NA	0.03 gr/scf	567 IAC 31.20(1)”d”, LAER
	PM <sub>10</sub>	3.26 <sup>3,4</sup>	NA	NA	NAAQS
	PM <sub>2.5</sub>	1.0 <sup>3,5</sup>	NA	NA	NAAQS
	Opacity	NA	NA	40% <sup>6,7</sup>	567 IAC 23.3(2)”d”
	Sulfur Dioxide (SO <sub>2</sub> )	NA	NA	500 ppm <sub>v</sub>	567 IAC 23.3(3)”e”
	Nitrogen Oxides (NO <sub>x</sub> )	NA	NA	0.04 lb/MMBTU <sup>3,8</sup>	NA
	Carbon Monoxide (CO)	NA	NA	0.074 lb/MMBTU <sup>3,8</sup>	NA

1. The emission limit is expressed as the average of three (3) runs.

2. The emission limit is a twelve (12) month rolling total.

3. Limit restricts potential PM, PM<sub>10</sub>, PM<sub>2.5</sub>, CO, NO<sub>x</sub> and VOC emission below PSD significance levels and Project 15-113 was considered a minor modification for the purposes of PSD.

4. The emission limit used in facility wide PM<sub>10</sub> dispersion modeling analysis that indicates predicted attainment of the PM<sub>10</sub> National Ambient Air Quality Standards (NAAQS).

5. The limit for PM<sub>2.5</sub> emissions is established to address the “Finding of Substantial Inadequacy of Implementation Plan; Call for Iowa SIP Revision” for PM<sub>2.5</sub> published in the Federal Register (76 FR 9706) on February 22, 2011.

6. The emission limit is a six (6) minute average.

7. An exceedance of the indicator opacity of “No visible emissions” will require the owner or operator to promptly investigate the emission unit and make corrections to operations or equipment associated with the exceedance. If exceedances continue after the corrections, the Department may require additional proof to demonstrate compliance (e.g., stack testing).

8. The limit for NO<sub>x</sub>, CO and VOC emissions as required by the consent order, judgment, and decree entered into between the State of Iowa and Grain Processing Corporation [Law No. CVCV020979, Iowa District Court for Muscatine County (March 27, 2014)].

**2. Compliance Demonstration(s)**

**Compliance Demonstration Table**

EP	Pollutant	Compliance Methodology	Frequency	Test Run Time	Test Method
EP135.0 EP136.0	PM – State	Performance Testing	Once Every 3 Calendar Years <sup>1</sup>	1 hour	40 CFR 60, Appendix A, Method 5 40 CFR 51 Appendix M Method 202
	PM <sub>10</sub> <sup>2</sup>	Performance Testing	Once Every 3 Calendar Years <sup>1</sup>	1 hour	40 CFR 51, Appendix M, 201A with 202
	PM <sub>2.5</sub> <sup>2,3</sup>	Performance Testing	Once Every 3 Calendar Years <sup>1</sup>	1 hour	40 CFR 51, Appendix M, 201A with 202
	Opacity	None	NA	1 hour	40 CFR 60, Appendix A, Method 9
	SO <sub>2</sub>	None	NA	1 hour	40 CFR 60, Appendix A, Method 6C
	NO <sub>x</sub>	None	NA	1 hour	40 CFR 60, Appendix A, Method 7E
	VOC	None	NA	1 hour	40 CFR 63, Appendix A, Method 320 or 40 CFR 60, Appendix A, Method 18
CO	None	NA	1 hour	40 CFR 60, Appendix A, Method 10	

<sup>1</sup> Performance testing for PM, PM<sub>10</sub>, and PM<sub>2.5</sub> shall be conducted once every 3 calendar years. After completion of three consecutive performance tests that demonstrate compliance with the PM, PM<sub>10</sub>, and PM<sub>2.5</sub> emission limits in condition 1, the owner or operator may request to modify the performance testing frequency for PM, PM<sub>10</sub>, and PM<sub>2.5</sub>. Because the last performance test was conducted on April 2, 2019, the next test required by these permits shall be conducted no later than April 2, 2022.

<sup>2</sup> It is acceptable to test for PM and to assume that all PM emissions are PM<sub>10</sub> emissions.

<sup>3</sup> If performance testing using methods specified in 40 CFR Part 51, Appendix M, 201A with 202 are not performed due to high moisture content (stack saturation), the owner or operator shall demonstrate compliance with the PM<sub>2.5</sub> limit as specified in condition 1 by using methods specified in 40 CFR Part 60, Appendix A, Method 5 and 40 CFR Part 51, Appendix M, Method 202. Using Method 5, the filterable PM<sub>2.5</sub> fraction shall be determined by conducting internal particle sizing of the dried maltodextrin product (immediately following the dryer) to determine the PM<sub>2.5</sub> fraction of the measured total filterable particulate. The entire condensable fraction, measured by using Method 202, shall be considered PM<sub>2.5</sub>.

**For each Emission Point listed in the “Compliance Demonstration Table”, if an initial stack test is specified in the “Compliance Demonstration Table,”** the owner or the owner’s authorized agent shall demonstrate compliance with the emission limitations contained in this condition within the applicable time period specified below:

- Within sixty (60) days after achieving the maximum production rate and no later than one hundred eighty (180) days after the initial startup date of the proposed equipment for the addition of new equipment or the physical modification of existing equipment or control equipment.
- Within ninety (90) days of the issuance of the permit if there is no physical modification to any emission units or control equipment.

**If any additional stack testing beyond an initial test (i.e. quarterly, semi-annual, annual, etc.) is required in “Compliance Demonstration Table.”** the owner or the owner’s authorized agent shall demonstrate compliance with the emission limitations contained in condition 1 as specified in the “Compliance Demonstration Table.” See Conditions 12.A.(4) and 12.B.(5) for notification and reporting requirements.

If stack testing is required, the owner or the owner’s authorized agent shall use the test method and run time listed in the “Compliance Demonstration Table” unless another testing methodology is approved by the Department prior to testing.

Each emissions compliance test must be approved by the Department. Unless otherwise specified by the Department, each test shall consist of three (3) separate runs. The arithmetic mean of three (3) acceptable test runs shall apply for compliance, unless otherwise indicated by the Department.

Per 567 IAC 25.1(7)"a", at the Department's request, a pretest meeting shall be held not later than fifteen (15) days before the owner or operator conducts the compliance demonstration. A testing protocol shall be submitted to the Department no later than fifteen (15) days before the owner or operator conducts the compliance demonstration. Representatives from the Department shall attend this meeting, along with the owner and the testing firm, if any. It shall be the responsibility of the owner to coordinate and schedule the pretest meeting. A representative of the Department shall be allowed to witness the test(s). The Department shall reserve the right to impose additional, different, or more detailed testing requirements.

The owner shall be responsible for the installation and maintenance of test ports. The unit(s) being sampled shall be operated in a normal manner at its maximum continuous output as rated by the equipment manufacturer, or the rate specified by the owner as the maximum production rate at which this unit(s) will be operated. In cases where compliance is to be demonstrated at less than the maximum continuous output as rated by the manufacturer, and it is the owner's intent to limit the capacity to that rating, the owner may submit evidence to the Department that this unit(s) has been physically altered so that capacity cannot be exceeded, or the Department may require additional testing, continuous monitoring, reports of operating levels, or any other information deemed necessary by the Department to determine whether this unit(s) is in compliance.

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### 3. Emission Point Characteristics

This emission points shall conform to the specifications listed below:

EP ID	Stack Height, Feet	Discharge Style	Stack Opening, inches	Stack Temperature, °F	Exhaust Flowrate, SCFM
135.0	144 Feet	Vertical Unobstructed	42 inches	125°F	25,272 scfm
136.0	144 Feet	Vertical Unobstructed	42 inches	125°F	26,942 scfm

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point characteristics above are different than the values stated, the owner or operator shall submit a request either by electronic mail or written correspondence to the Department within thirty (30) days of the discovery to determine if a permit amendment is required, or submit a permit application requesting to amend the permit.

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### 4. Federal Standards

A. New Source Performance Standards (NSPS):

This emission unit is not subject to any NSPS subparts at this time as there are no applicable subparts for its source category.

NOTE: The absence of the inclusion of any NSPS requirements as part of this permit does not relieve the owner or operator from any obligation to comply with all applicable NSPS conditions.

B. National Emission Standards for Hazardous Air Pollutants (NESHAP):

These emission units are not subject to any NESHAP subparts at this time as there are no applicable subparts for its source category.

NOTE: The absence of the inclusion of any NESHAP requirements as part of this permit does not relieve the owner or operator from any obligation to comply with all applicable NESHAP conditions.

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## 5. Operating Requirements and Associated Recordkeeping

Unless specified by a federal regulation, all records as required by these permits shall be kept on-site for a minimum of two (2) years and shall be available for inspection by the Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping requirements for these permits shall be:

- A. The total flowrate for Packed Bed Scrubber (CE3110-1) liquor shall be maintained at or above 500 gallons per minute.
  - i. The owner or operator shall properly operate and maintain equipment to monitor the total liquor flow rate to the Packed Bed Scrubber (CE3110-1). The monitoring devices and any recorders shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals or per written facility specific operation and maintenance plan.
  - ii. The owner or operator shall collect and record the total liquor flow rate to Packed Bed Scrubber (CE3110-1), in gallons per minute, at least once per day. If the liquor flow rate to the Packed Bed Scrubber (CE3110-1) falls below the value specified in Condition 5A, the owner or operator shall investigate the Packed Bed Scrubbers (CE3110-1) and make corrections to the scrubber. The owner or operator shall maintain a record of all corrective actions taken. This requirement shall not apply on the days that the Packed Bed Scrubber (CE3110-1) is not in operation.
- B. The total flowrate for Packed Bed Scrubber (CE3110-2) liquor shall be maintained at or above 500 gallons per minute.
  - i. The owner or operator shall properly operate and maintain equipment to monitor the total liquor flow rate to the Packed Bed Scrubber (CE3110-2). The monitoring devices and any recorders shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals or per written facility specific operation and maintenance plan.
  - ii. The owner or operator shall collect and record the total liquor flow rate to the Packed Bed Scrubber (CE3110-2), in gallons per minute, at least once per day. If the liquor flow rate to the Packed Bed Scrubber (CE3110-2) falls below the value specified in Condition 5B, the owner or operator shall investigate the Packed Bed Scrubber (CE3110-2) and make corrections to the scrubber. The owner or operator shall maintain a record of all corrective actions taken. This requirement shall not apply on the days that the Packed Bed Scrubber (CE3110-2) is not in operation.
- C. The differential pressure drop across each Packed Bed Scrubber (CE3110-1 and CE3110-2) shall be maintained between 0.3 and 5 inches of water column as a 1-hour block average.
  - i. The owner or operator shall properly operate and maintain equipment to monitor differential pressure drop across each Packed Bed Scrubber (CE3110-1 and CE3110-2). The monitoring devices and any recorders shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals or per written facility specific operation and maintenance plan.
  - ii. The owner or operator shall collect and record the pressure drop across each Packed Bed Scrubber (CE3110-1 and CE3110-2), in inches of water, on a continuous basis. The owner or operator shall calculate and record the 1-hour block average of the differential pressure drop across each Packed Bed Scrubber in inches water column. If the 1-hour block average pressure drop across either Packed Bed Scrubbers (CE3110-1 and CE3110-2) falls outside the range specified in Condition 5C., the owner or operator shall investigate the Packed Bed Scrubber(s) (CE3110-1 and CE3110-2) and make corrections to the scrubber(s). The owner or operator shall maintain a record of all corrective actions taken. This requirement shall not apply on the days that Packed Bed Scrubbers (CE3110-1 and CE3110-2) are not in operation.
- D. The owner or operator shall develop an operating and maintenance plan for each Packed Bed Scrubber (CE3110-1 and CE3110-2), including a preventative maintenance schedule that is consistent with the manufacturer's instructions for routine and long-term maintenance.
  - i. The owner or operator shall maintain a record of all inspections and maintenance and any action resulting from the inspection and maintenance of Packed Bed Scrubber (CE3110-1) and the monitoring devices.
  - ii. The owner or operator shall maintain a record of all inspections and maintenance and any action resulting from the inspection and maintenance of Packed Bed Scrubber (CE3110-2) and the monitoring devices.

## 5. Operating Requirements and Associated Recordkeeping (continued)

- E. The differential pressure drop across the Baghouse (CE3110-3) shall be maintained between 1 and 6 inches of water column.
- i. The owner or operator shall properly operate and maintain equipment to monitor differential pressure drop across the Baghouse (CE3110-3). The monitoring devices and any recorders shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals or per written facility specific operation and maintenance plan.
  - ii. The owner or operator shall collect and record the pressure drop across the Baghouse (CE3110-3), in inches of water, at least once per day. If the pressure drop across the Baghouse (CE3110-3) falls outside the range specified in Condition 5E, the owner or operator shall investigate the Baghouse (CE3110-3) and make corrections to the baghouse. The owner or operator shall maintain a record of all corrective actions taken. This requirement shall not apply on the days that the Baghouse (CE3110-3) is not in operation.
- F. The owner or operator shall develop an operating and maintenance plan for the Baghouse (CE3110-3), including a preventative maintenance schedule that is consistent with the manufacturer's instructions for routine and long-term maintenance.
- i. The owner or operator shall maintain a record of all inspections and maintenance and any action resulting from the inspection and maintenance of the Baghouse (CE3110-3).
- G. The owner or operator shall maintain the Product Recovery Cyclones in a manner to ensure proper operation.
- i. The owner or operator shall maintain a record of all inspections and maintenance and any action resulting from the inspection and maintenance of the Product Recovery Cyclones.
- H. The owner or operator shall tune the Low-NOx Line Burner (EU3110.1) on an annual basis to maintain good combustion. The annual burner tune-up activity shall include at a minimum:
- Inspect the burner-Clean and replace any components, as necessary
  - Inspect the flame pattern and flame dimensions-Adjust the burner as necessary to optimize the flame pattern and dimensions. The adjustment should be consistent with manufacturer's specifications, if available.
  - Inspect the air-to fuel ratio control system-Ensure the control system is calibrated and functioning properly, if such a system is installed.
  - Optimize emissions of carbon dioxide- Optimize emissions consistent with the manufacturer's specifications, if available, and with any nitrogen oxide requirement to which unit may be subject.
  - Verify that emissions (carbon dioxide and nitrogen oxide) and oxygen levels in the exhaust have been optimized consistent per manufactures specifications.
- I. The owner or operator shall maintain record on annual basis of the following:
- The completion date of Low-NOx Line Burner (EU3110.1) tuning as specified in condition 5H,
  - Low-NOx Line Burner (EU3110.1) emissions (carbon dioxide and nitrogen oxide) and oxygen levels in the exhaust have been optimized consistent per manufactures specifications.
- J. The owner or operator shall develop an operating and maintenance plan for the Low-NOx Line Burner (EU3110.1), including a preventative maintenance schedule that is consistent with the manufacturer's instructions for routine and long-term maintenance.
- i. The owner or operator shall maintain a record of all inspections and maintenance and any action resulting from the inspection and maintenance of the Low-NOx Line Burner (EU3110.1).

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## 6. Continuous Emission Monitoring

Continuous emission monitoring is not required by these permits at this time.

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## 7. Department Review

These permits are issued under the authority of 567 Iowa Administrative Code (IAC) 22.3. The proposed equipment has been evaluated for conformance with Iowa Code Chapter 455B; 567 IAC Chapters 20 – 35; and 40 Code of Federal Regulations (CFR) Parts 51, 52, 60, 61, and 63 and has the potential to comply. These permits are issued based on information submitted by the applicant. Any misinformation, false statements or misrepresentations by the applicant or by the applicant's representative(s) shall cause the affected permit or permits to be void.

No review has been undertaken on the engineering aspects of the equipment or control equipment other than the potential of that equipment for reducing air contaminant emissions. The Department assumes no liability, directly or indirectly, for any loss due to damage to persons or property caused by, resulting from, or arising out of the design, installation, maintenance or operation of the proposed equipment.

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## 8. Owner and Operator Responsibility

These permits are for the construction and operation of specific emission unit(s), control equipment, and emission point(s) as described in these permits and in the applications for these permits. The permit holder, owner, and operator of the facility shall assure that the installation of the equipment listed in these permits conform to the design in the application (i.e. type, maximum rated capacity, etc.). No person shall construct, install, reconstruct or alter any of the emission unit(s), or emission point(s), or the associated control equipment without the required amended permit(s).

Any owner or operator of the specified emission unit(s), emission point(s), or associated control equipment, including any person who becomes an owner or operator subsequent to the issuance date of the affected permit(s), is responsible for assuring that the installation, operation, and maintenance of the equipment listed in the permit(s) is in compliance with the provisions of the permit(s) and all other applicable requirements and that adequate operation and maintenance is provided to ensure that no condition of air pollution is created.

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## 9. Transferability

Unless the equipment is portable, these permit(s) are not transferable from one location to another or from one piece of equipment to another. See Condition 12.A.(2) for notification requirements for relocating portable equipment (567 IAC 22.3(3)“f”).

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## 10. Construction

### A. General Requirements:

It is the owner's responsibility to ensure that construction conforms to the final plans and specifications as submitted.

In permit amendments, all provisions of the original permit remain in full force and effect unless they are specifically changed by the permit amendment. If a proposed project is not timely completed, the owner or operator shall seek a permit amendment in order to revert back to the most recent previous version of the permit. The previous, unchanged permit provisions are included in the amendment for your convenience only and are unappealable.

The permit or amendment shall become void if any one of the following conditions occurs:

- (1) the construction or implementation of the proposed project, as it affects each emission point permitted herein, is not initiated within eighteen (18) months after the permit issuance date; or
- (2) the construction or implementation of the proposed project, as it affects each emission point permitted herein, is not completed within thirty-six (36) months after the permit issuance date; or
- (3) the construction or implementation of the proposed project, as it affects each emission point permitted herein, is not completed within a time period specified elsewhere in the permit.

### B. Changes to Plans and Specifications:

The owner or operator shall amend the permit or amendment prior to startup of the equipment if:

- (1) Any changes are made to the final plans and specifications submitted for the proposed project; or
- (2) The permit becomes void.

Changes to the final plans and specification shall include changes to plans and specifications for permitted equipment and control equipment and the specified operation thereof.

C. Amended Permits:

The owner or operator may continue to act under the provisions of the previous permit for the affected emission unit(s) and emission point, together with any previous amendment to the permit, until one of the following conditions occurs:

- (1) The proposed project authorized by this amendment is completed as it affects the emission unit(s) and emission point permitted herein; or
- (2) This current amendment becomes void.

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## 11. Excess Emissions

Per 567 IAC 24.1(1), excess emissions during a period of startup, shutdown, or cleaning of control equipment are not a violation of the emission standard if it is accomplished expeditiously and in a manner consistent with good practice for minimizing emissions except when another regulation applicable to the unit or process provides otherwise. Cleaning of control equipment, which does not require the shutdown of process equipment, shall be limited to one (1) six-minute period per one (1) hour period.

An incident of excess emissions other than the above is a violation and may be subject to criminal penalties according to Iowa Code 455B.146A. If excess emissions are occurring, either the control equipment causing the excess shall be repaired in an expeditious manner, or the process generating the emissions shall be shut down within a reasonable period of time, as specified in 567 IAC 24.1.

An incident of excess emissions shall be orally reported by telephone, electronic mail or in person to the appropriate field office within eight (8) hours of, or at the start of, the first working day following the onset of the incident (See Permit Condition 12.B.1). A written report of an incident of excess emissions shall be submitted as a follow-up to all required initial reports within seven (7) days of the onset of the upset condition (See Permit Condition 12.B.2).

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## 12. Notification, Reporting, and Recordkeeping

These requirements shall apply to each permit included in this "Collection of Air Permits."

A. The owner or operator shall furnish the Department the following written notifications:

- (1) Per 567 IAC 22.3(3)"b":
  - (a) The date construction, installation, or alteration is initiated postmarked within thirty (30) days following initiation of construction, installation, or alteration.
  - (b) The actual date of startup, postmarked within fifteen (15) days following the start of operation.
- (2) Per 567 IAC 22.3(3)"f," when portable equipment for which a permit has been issued is to be transferred from one location to another, the Department shall be notified:
  - (a) At least fourteen (14) days before equipment relocation if the equipment will be located in a nonattainment area for the National Ambient Air Quality Standards (NAAQS) or a maintenance area for the NAAQS.
  - (b) At least seven (7) days before equipment relocation.
- (3) Per 567 IAC 22.3(8), a new owner shall notify the Department of the transfer of equipment ownership within thirty (30) days of the occurrence. The notification shall include the following information:
  - The date of ownership change; the name, address, and telephone number of the responsible official, the contact person, and the owner of the equipment both before and after the ownership change; and the construction permit number(s) of the equipment changing ownership.
- (4) Unless specified per a federal regulation, the owner or the owner's authorized agent shall notify the Department in writing not less than thirty (30) days before a required test or performance evaluation of a continuous emission monitor [567 IAC 25.1(7)]. The notification shall include:
  - The time; the place; the name of the person who will conduct the tests; and other information as required by the Department.

If the owner or operator does not provide timely notice to the Department, the Department shall not consider the test results or performance evaluation results to be a valid demonstration of compliance with the applicable rules or permit conditions. Upon written request, the Department may allow a notification period of less than thirty (30) days.

- B. The owner or operator shall furnish the Department with the following reports:
- (1) Per 567 IAC 24.1(2), an incident of excess emissions as defined in 567 IAC 20.2 shall be reported within eight (8) hours or at the start of the first working day following the onset of the incident. The report may be made by electronic mail, in person or by telephone.
  - (2) Per 567 IAC 24.1(3), a written report of an incident of excess emissions as defined in 567 IAC 20.2 shall be submitted as a follow-up to all required initial reports to the Department within seven (7) days of the onset of the upset condition.
  - (3) Operation of this emission unit(s) or control equipment outside of those operating parameters specified in Permit Condition 5 in accordance to the schedule set forth in 567 IAC 24.1.
  - (4) Per 567 IAC 25.1(6), the owner or operator of any facility required to install a continuous monitoring system or systems shall provide quarterly reports to the Director, no later than thirty (30) calendar days following the end of the calendar quarter, on forms provided by the Director.
  - (5) Per 567 IAC 25.1(7), a written compliance demonstration report for each compliance testing event, whether successful or not, postmarked no later than six (6) weeks after the completion of the test period unless other regulations provide for other notification requirements. In that case, the more stringent reporting requirement shall be met.
- C. All data, records, reports, documentation, construction plans, and calculations required under each permit in this "Collection of Air Permits" shall be available at the plant during normal business hours for inspection and copying by federal, state, or local air pollution regulatory agencies and their authorized representatives, for a minimum of two (2) years from the date of recording unless otherwise required by another applicable law (i.e. NSPS, NESHAP, etc.)
- D. Information regarding any permit in this "Collection of Air Permits" shall be sent to the attention of the following individuals based on the type of information being submitted: change in ownership (Air Quality Bureau Records Center), permit correspondence (Construction Permit Supervisor), stack testing correspondence (Stack Test Coordinator), and reports and notifications (Compliance Unit Supervisor and DNR Field Office). The addresses are:

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Air Quality Bureau Iowa Department of Natural Resources 502 E. 9 <sup>th</sup> St. Des Moines, IA 50319 Telephone: (515) 725-8200 Fax: (515) 725-9501	DNR Field Office 6 1023 West Madison Washington, IA 52353 Telephone: (319) 653-2135 Fax: (319) 653-2856
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### 13. Appeal Rights

All conditions within an original permit may be appealed, subject to the appeal rights set forth in 561 IAC Chapter 7. Amended conditions within a permit amendment may be appealed, subject to the appeal rights set forth in 561 IAC Chapter 7. In permit amendments, all provisions of the original permit remain in full force and effect unless they are specifically changed by the permit amendment. The previous, unchanged permit provisions are included in the amendment for your convenience only and are unappealable.

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**14. Permit History**

<b>Project No.</b>	<b>Permit No.</b>	<b>Description</b>	<b>Date</b>
85-030	85-A-031	Original Permit	03/26/85
	85-A-032		
09-281	85-A-031-S1	Increase Stack Height and Modify PM/PM <sub>10</sub> Emission Limits	07/16/09
	85-A-032-S1		
15-050	85-A-031-S2	Increase Stack Height, Add PM <sub>2.5</sub> , SO <sub>2</sub> and VOC Emission Limits.	12/10/15
	85-A-032-S2		
15-113	85-A-031-S3	Low-NOx Burner Installation, Decrease Stack Height	06/06/16
	85-A-032-S3		
16-344	85-A-031-S4	Remove requirement to increase stack height to 154 feet and update to CAP	02/21/17
	85-A-032-S4		
19-307	85-A-031-S5	Modify operating limit range for wet scrubbers CE3110-1 and CE3110-2	05/19/20
	85-A-032-S5		

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**END OF PERMIT**