

AMENDMENTS TO PROPOSED GRAIN HANDLING REGULATIONS

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Rule 203(d)(9)

I. Amend Rule 203(d)(9)(a) to read as follows:

All grain handling operations and grain drying operations regardless of size must implement and follow the following housekeeping rules:

1. Existing Cyclone Collectors

- a. shall be checked daily to be sure they are operable not plugged and cleaned as necessary to insure proper operation.

2. Cleaning and Maintenance

- a. Floors shall be kept swept and cleaned from boot pit to cupola floor. Roof or bin decks and other exposed flat surfaces should be kept clean of grain and dust that would tend to rot or become airborne.
- b. Cleaning shall be handled in such a manner as not to permit dust to escape to atmosphere. (Example: dust and grain swept up be conveyed to a source of disposal and must not be swept out of cupola door. Grain and dust must not be shoveled off bin deck to ground).
- c. The yard and surrounding open areas including ditches, curbs, etc. shall be cleaned before rotting occurs.
- d. Continuing maintenance of a facility shall be practiced, including but not limited to replacing broken glass and keeping spouts and equipment in a dust tight condition to prevent leakage of dust and grain.

3. Receiving Station (Dump Pit)

- a. Existing aspiration equipment is to be maintained and operated.
- b. Existing dust control devices are to be maintained and operated.
- c. Air curtains, wind deflectors, flexible overhead deflectors or other equivalents should be installed where doors either do not exist or are not used. The objective of this is to eliminate the draft through the dumpsheds which often carries out dust in quantity.

4. Load-Out Areas

- a. Sleeves or equivalent should be installed on all load out spouts. These sleeves to be of sufficient length to serve the purpose for which they are installed—i.e., controlling dirt and dust from aeration of grain discharging into receiving hoppers, trucks, and

~~Failure~~
b. To ~~aid in~~ eliminating this load out condition, it is recommended that where feasible, choke loading to be used as a normal operating procedure.

5. Head House Area

The head house shall be maintained in such a fashion that no visible dust or dirt is allowed to escape to the atmosphere.

6. Property

The yard and driveway of any facility shall be asphalted, oiled, or equivalently treated to control dust as necessary. Housekeeping check lists to be developed by the Agency shall be completed by the manager and maintained on the premises for inspection by Agency personnel.

II. Amend Rule 203(d)(9)(B) to read as follows:

Unless otherwise exempted pursuant to Rules 203(d)(9)(D) or Rule 203(d)(9)(F), existing grain handling operations with an annual grain throughput of 500,000 bushels or more shall apply for an operating permit pursuant to Rule 103(b)(6)(F) which shall demonstrate compliance with the following:

III. Amend Rule 203(d)(9)(B)(i)(b) to read as follows:

b. For grain handling facilities having a grain throughput of not more than 2 million bushels per year or located outside a major metropolitan area, air contaminants collected from cleaning and separating operations shall be conveyed through air pollution control equipment which has a rated and actual particulate removal efficiency of not less than 90% by weight prior to release into the atmosphere.

IV. Amend Rule 203(d)(9)(B)(i) by adding the following:

c. For grain handling facilities having a grain throughput exceeding 2 million bushels per year and located within a major metropolitan area, air contaminants collected from cleaning and separating operations shall be conveyed through air pollution control equipment which has a rated and actual particulate removal efficiency of not less than 99% by weight prior to release into the atmosphere.

V. Amend Rule 203(d)(9)(B)(i) (a) (2) to read as follows:

2. The induced draft air stream for grain handling facilities having a grain throughput of not more than 2 million bushels per year or located outside a major metropolitan area shall be confined and conveyed through air pollution control equipment which has an overall rated and actual particulate collection efficiency of not less than 90% by weight; and.

VI. Amend Rule 203(d)(9)(B)(ii) (a) to insert a new number 3 paragraph as follows:

3. The induced draft air stream for grain handling facilities having a grain throughput exceeding 2 million bushels per year located in a major metropolitan area shall be confined and conveyed through air pollution control equipment which has an overall rated and actual particulate collection efficiency of not less than 99% by weight; and

VII. Amend Rule 203(d)(9)(B)(ii) (a) 3) to make it Rule 203(d)(9)(B)(ii) (a) 4).

VIII. Amend Rule 203(d)(9)(B)(iii)(b) to read as follows:

b. Air contaminants collected from internal transfer operations for grain handling facilities having a grain throughput of not more than 2 million BPY or located outside a major metropolitan area shall be conveyed through air pollution control equipment having a rated and actual particulate removal efficiency of not less than 90% by weight prior to release to the atmosphere.

IX. Amend Rule 203(d)(9)(B)(iii) by adding paragraph c) as follows:

c. Air contaminants collected from internal transfer operations for grain handling facilities having a grain throughput exceeding 2 million bushels per year located in a major metropolitan area shall be conveyed through air pollution control equipment having a rated and actual particulate removal efficiency of not less than 99% by weight prior to release to the atmosphere.

X. Amend Rule 203(d)(9)(B)(iv) c)2) to read as follows:

c2. Particulate emissions generated during conveyor loading for grain handling facilities having a grain throughput of not more than 2 million bushels per year or located outside a major metropolitan area shall be captured in an induced draft air stream, which shall be ducted through air pollution control equipment having a rated and actual particulate removal efficiency of not less than 90% by weight prior to release into the atmosphere.