

## What Am I Required to Do?

### Standards and Management Practices:

For all existing and new facilities subject to the rule:

- Perform housekeeping to minimize dust in areas of the facility where materials containing Cr and Mn are stored, used, or handled.
  - Use either industrial vacuum system or manual sweeping to reduce the amount of dust;
  - Remove dust from walls, ledges, and equipment using low pressure air or other means, then sweep the area at least once per month;
  - Keep doors shut except during normal ingress and egress.
- Maintain and operate all process equipment in accordance with manufacturers' specifications and in a manner to minimize dust creation.
- Storage Areas: all raw materials containing Cr or Mn must be stored in closed containers.
- Mixing Operations: materials containing Cr or Mn must be added to the mixer in a manner to reduce emissions, and the mixer must be covered at all times when mixing is occurring, except when materials are being added.
- Bulk Loading Processes: Where prepared feeds products containing Cr or Mn are loaded into trucks or railcars, a device must be used at the loadout end of each bulk loader to lessen fugitive emissions by reducing the distance between the loading arm and the truck or railcar.

For existing and new facilities with an average daily feed production exceeding 50 tons per day:

- Existing facilities must install and operate a cyclone to reduce emissions from pelleting and pellet cooling operations. These cyclones must be operated in accordance with good air pollution control practices and standard operating procedures.
- New facilities must install and operate a cyclone designed to achieve 95 percent or greater reduction in particulate matter

## For More Information

- Copies of the rule and other materials are located at: <http://www.epa.gov/ttn/atw/area/arearules.html>
- For more information on state requirements, please contact your state representative found at the following link: <http://www.4cleanair.org/contactUsaLevel.asp>

**You can contact your Regional EPA air toxics office at the following numbers:**

Address	States	Website/ Phone Number
Region 1 5 Post Office Square Suite 100 Boston, MA 01209-3912	CT, MA, ME, NH, RI, VT	<a href="http://www.epa.gov/region1">www.epa.gov/region1</a> (888) 372-7341 (617) 918-1650
Region 2 290 Broadway New York, NY 10007-1866	NJ, NY, PR, VI	<a href="http://www.epa.gov/region2">www.epa.gov/region2</a> (212) 637-4023
Region 3 1650 Arch Street Philadelphia, PA 19103-2029	DE, MD, PA, VA, WV, DC	<a href="http://www.epa.gov/region3">www.epa.gov/region3</a> (800) 241-1754 (215) 814-2196
Region 4 Atlanta Federal Center 61 Forsyth Street, SW Atlanta, GA 30303-8960	FL, NC, SC, KY, TN, GA, AL, MS	<a href="http://www.epa.gov/region4">www.epa.gov/region4</a> (404) 562-9131
Region 5 77 West Jackson Blvd. Chicago, IL 60604-3507	IL, IN, MI, WI, MN, OH	<a href="http://www.epa.gov/region5">www.epa.gov/region5</a> (312) 886-6812 (312) 353-6684 (312) 886-6798
Region 6 1445 Ross Avenue Suite 1200 Dallas, TX 75202-2733	AR, LA, NM, OK, TX	<a href="http://www.epa.gov/region6">www.epa.gov/region6</a> (800) 621-8431* (214) 665-7171
Region 7 901 North Fifth Street Kansas City, KS 66101	IA, KS, MO, NE	<a href="http://www.epa.gov/region7">www.epa.gov/region7</a> (800) 223-0425 (913) 551-7003
Region 8 1595 Wynkoop St. Denver, CO 80202-1129	CO, MT, ND, SD, UT, WY	<a href="http://www.epa.gov/region8">www.epa.gov/region8</a> (800) 227-8917* (303) 312-6460
Region 9 75 Hawthorne Street San Francisco, CA 94105	CA, AZ, HI, NV, GU, AS, MP	<a href="http://www.epa.gov/region9">www.epa.gov/region9</a> (415) 744-1197
Region 10 1200 6 <sup>th</sup> Ave. Suite 900, AWT-107 Seattle, WA 98101	AK, ID, WA, OR	<a href="http://www.epa.gov/region10">www.epa.gov/region10</a> (800) 424-4372* (206) 553-6220

\* For sources within the region only.

Office of Air Quality Planning & Standards



## Summary of Regulations Controlling Air Emissions from

**PREPARED FEEDS  
MANUFACTURING  
AREA SOURCES**

## **NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS NESHAP (SUBPART DDDDDDD) FINAL RULE**

### What Is The Compliance Date?

- Existing Sources: by January 5, 2012
- New Sources: At startup (facilities that started up between July 27, 2009 and January 5, 2010, were required to comply by January 5, 2010).



## What Is an Area Source?

- Any source that is not a major source. (A major source is a stationary source or group of stationary sources located within a contiguous area and under common control that emits or has the potential to emit considering controls, in the aggregate, 10 tons per year or more of any hazardous air pollutant (HAP) or 25 tons per year or more of any combination of HAP)

## To Whom Does This Rule Apply?

- The rule applies to the affected source at prepared feed manufacturing facilities that use one or more materials (additives/premixes) that contain 0.1% or greater by weight of chromium (Cr) or 1.0% or greater by weight of manganese (Mn) and that are area sources of HAP.
  - A prepared feed manufacturing facility is a facility where animal feed (as defined in the rule) makes up at least half (by mass) of the facility's annual production of all products.
  - The affected source is the collection of all equipment and activities necessary to produce animal feed from the point in the process where a material containing Cr or a material containing Mn is added, to the point where the finished animal feed product leaves the facility.
- The rule does not apply to research and development facilities as defined in section 112(c)(7) of the Clean Air Act, to feed production processes at facilities whose primary business is raising or feeding animals, or to facilities engaged in the growing of crops that are used in the manufacture of feed.

(See §63.11619 in the final rule for more detail.)

## What Are the Compliance and Monitoring Requirements?

- All sources must demonstrate compliance through installation of required equipment, adherence to the specified management practices, compliance with the emissions limitations, where applicable, and submittal of the required notifications and reports.

- For sources that are required to install cyclones, the cyclones must be inspected quarterly for corrosion, erosion or any other damage that could result in air in-leakage.
- For cyclones located at new sources, sources establish a parameter range that indicates that your cyclone is operating properly. This parameter can be the inlet flow rate, inlet velocity, pressure drop, or fan amperage. Sources must then monitor the selected parameter and record the results daily to ensure proper operation of the cyclone.
- For cyclones located at existing sources, sources must perform a weekly visual inspection of the operating cyclone to ensure it is operating consistent with good air pollution control practices.
- Devices required at the loadout end of a bulk loader must be inspected monthly.

(See §63.11622(a) and (b) in the final rule for more detail.)

## What Notifications and Reports Are Required?

- Initial Notification: Affected sources must submit no later than May 5, 2010, or 120 days after becoming subject to the rule, whichever is later. See example Initial Notification form at: <http://www.epa.gov/ttn/atw/area/arearules.html>.
- Notification of Compliance Status (NOCS): Existing affected sources must submit on or before May 4, 2012. New affected sources must submit within 120 days of initial startup.
  - Sources that start using materials containing Cr or Mn after the applicable compliance date must submit NOCS report within 120 days of the date they commence using these materials.

- Annual Compliance Certification: Affected sources must submit an annual compliance report, for the previous calendar year, by March 1 of each year.

- After January 5, 2010, if a source no longer uses materials that contain Mn or Cr, you must submit a notification which indicates such and which provides the date of termination of use of materials that contain Mn or Cr.

\*With the exception of the Initial Notification, all notifications and reports must be signed by the "responsible official". (See §63.11624(a) and (b) in the final rule for more detail.)

## What Records Must Be Maintained?

- Copy of each Initial Notification and Notification of Compliance Status, and all supporting documents.
- Copy of each Annual Compliance Certification
- For each cyclone used to comply with this rule, you must keep records demonstrating that the cyclone is designed to reduce emission of particulate matter by 95 percent or greater.
- For each cyclone used to comply with this rule, you must keep records of the daily inlet flow rate, pressure drop, or fan amperage, and any action that was taken to restore cyclone to proper operation if a problem was indicated.
- For affected sources that are not required to install and operate a cyclone because your average daily feed production level is  $\leq$  50 tons per day, maintain feed production records to enable determination of the average daily feed production level.
- Records must be in a form suitable and readily available for expeditious review.
- Records must be kept for 5 years following the date of each recorded action.
- Records must be kept onsite for at least 2 years after the date of each recorded action, and may be kept offsite for the remaining 3 years.

(See §63.11624(c) of the final rule for more detail.)