

EPA Finalizes Rule for Prepared Feeds Manufacturing

On January 5, 2010, the Environmental Protection Agency (EPA) issued 40 CFR Part 63 National Emission Standards for Hazardous Air Pollutants (NESHAP) Subpart DDDDDDD (7D) for Prepared Feeds Manufacturing located at area sources of hazardous air pollutants (HAP). An area source of HAP emits less than 10 tons of a single HAP per year or 25 tons of combined HAPs. This rule applies to prepared feed manufacturers utilizing materials that contain chromium and manganese. Animal feed does not include feed for dogs and cats.

To demonstrate compliance with the rule, sources must install required equipment, adhere to the specified management practices, comply with the emissions limitations, where applicable, and submit the required notifications and reports.

All sources must perform housekeeping to minimize emissions of chromium and manganese by dusting, vacuuming, and/or sweeping areas frequently where chromium and manganese are stored, used, or handled. Doors must also be kept shut while handling and processing those compounds. All raw materials containing chromium and manganese must be stored in closed containers. All materials containing those compounds must be covered when mixing is occurring.

Where prepared feeds products containing chromium and manganese 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 sources with an average daily feed production exceeding 50 tons per day, they must install and operate a cyclone with a 95% control efficiency to reduce emissions from pelleting and pellet cooling operations.

Sources subject to this rule must comply with the requirements by January 5, 2012 if they started operation prior to July 27, 2009. Sources that started up between July 27, 2009 and January 5, 2010 needed to comply by January 5, 2010. Sources that start operation after January 5, 2010 must comply upon startup. Sources should have submitted an initial notification by May 5, 2010 notifying the EPA and NDEQ that they are subject to the rule. A notification of compliance status needs to be submitted to the EPA and NDEQ by May 4, 2012.

More information related to Part 63 Subpart 7D can be found on the NDEQ Air Toxics Notebook located at www.deq.state.ne.us/AirToxic.nsf/pages/DDDDDDD. You can also find the page by going to the NDEQ website and selecting "Focus on Air." The Air Toxics Notebook is under the Air Toxics Program. From the Notebook, select Subpart DDDDDDD – Prepared Feeds Mfg. If you have questions related to the NESHAP regulations, contact Melissa Ellis at (402) 471-6624 or melissa.ellis@nebraska.gov.