

US EPA ARCHIVE DOCUMENT



United States
Environmental Protection
Agency

August 2006
EPA530-F-06-030
www.epa.gov/osw

Issues in MACT Rule Reopened for Comment

Action

EPA is requesting comment on several issues regarding the national emission standards for hazardous air pollutants (NESHAP) for new and existing hazardous waste combustors, which were issued on October 12, 2005. The NESHAPs are based on the maximum achievable control technology (MACT) for hazardous waste combustors. These technology-based standards reduce emissions of hazardous air pollutants, including lead, mercury, arsenic, dioxin and furans, and hydrogen chloride and chlorine gas. In addition, emissions of particulate matter are also reduced.

EPA is requesting comment on several issues regarding the national emission standards for hazardous air pollutants. In addition, EPA is proposing amendments to several compliance and monitoring provisions in that rule.

Issues subject to reconsideration include:

- Subcategorization of Liquid Fuel Boilers by Heating Value
- Correcting Total Chlorine (TCI) Data to 20 ppmv
- Use of PS-11 and Procedure 2 As Guidance for Extrapolating the Alarm Set-Point of a Particulate Matter Detection System (PMDS)
- Tie-Breaking Procedure for New Source Standards
- Beyond-the-Floor Analyses to Consider Multiple HAP That Are Controlled by a Single Mechanism
- Dioxin/Furan Standard for Incinerators with Dry Air Pollution Control Devices
- Provisions of the Health-Based Compliance Alternative

The combustors affected by this rule detoxify waste or recover energy from hazardous waste and include incinerators, cement kilns, lightweight aggregate kilns, boilers and process heaters, and hydrochloric acid production furnaces. EPA estimates that 145 facilities operate 265 devices that burn hazardous waste.

The Agency believes the result of controlling these pollutants better will improve public health, particularly respiratory conditions. Populations residing near hazardous waste combustors may benefit the most from implementation of these standards.

EPA is accepting comment on this proposal for 45 days following publication in the *Federal Register*.

Background

EPA issued the national emission standards for hazardous air pollutants for new and existing hazardous waste combustors on October 12, 2005. Subsequently, the Administrator received four petitions for reconsideration of the NESHAP final rule. In this

proposed rule, EPA is providing the public with an opportunity to comment on several issues for which we are granting a petitioner's request for reconsideration.

For More Information

This fact sheet and other documents are available on the Internet at <http://www.epa.gov/epaoswer/hazwaste/combust/>.

To find out more detailed information or to ask a question, visit <http://waste.custhelp.com> and click on *Find an Answer or Submit a Question*.