

FINAL AMENDMENTS TO THE AIR TOXICS STANDARDS FOR THE MANUFACTURE OF AMINO/PHENOLIC RESINS

FACT SHEET

ACTION

- On October 4, 2018, the Environmental Protection Agency (EPA) finalized amendments to the National Emission Standards for Hazardous Air Pollutants (NESHAP): Manufacture of Amino/Phenolic Resins.
- These amendments are in response to petitions for reconsideration regarding the 2014 Amino/Phenolic Resins Risk and Technology Review (RTR) final rule.
 - The 2014 rule set emissions standards for hazardous air pollutants (HAP) from continuous process vents (CPVs) at existing sources
 - EPA has determined that the data used to establish limits in the 2014 rule were incomplete because all hazardous air pollutants (HAP) were not included, which affected the average of the best performing sources.
- Using corrected emissions data, the final amendments:
 - Revise the HAP emissions standards for back-end CPVs at existing sources from 1.9 pounds of HAP per ton of resin produced to 8.6 pounds of HAP per ton of resin produced.
 - Establish HAP emissions standards for front-end CPVs at existing affected sources.
 - Revise the requirements for storage vessels at new and existing sources during periods when an emission control system for a fixed-roof storage vessel is undergoing planned routine maintenance. This work practice standard minimizes emissions from the storage vessel during such periods of time (up to 240 hours per year) by not allowing the liquid level in the storage vessel to rise.
 - Extending the compliance date for the revised emissions standards for CPVs at existing sources to one year from the effective date of these amendments. This compliance date will give existing sources time to install and test emissions control technologies (as needed) and to demonstrate compliance.
- Today's action includes minor technical corrections such as clarifying definitions and correcting citation references.

IMPACTS

- EPA projects that this final action will reduce HAP emissions from CPVs at existing sources by 207 tons per year at a capital cost of \$4.8 million and an annualized cost of \$2.1 million from the original NESHAP issued in 2000.

BACKGROUND

- EPA issued the original NESHAP for this source category in January 2000.

- The RTR was finalized on October 8, 2014. In the risk assessment for the 2014 amendments, EPA determined that the Amino/Phenolic Resins NESHAP promulgated in January 2000 provided an ample margin of safety to protect public.
- Under the technology review, the October 2014 amendments set maximum achievable control technology (MACT) standards for CPVs at existing sources for the first time.
- In March 2015, EPA granted three separate petitions for reconsideration from Georgia-Pacific LLC, Tembec BTSLR and Sierra Club. The petitioners claimed the public was not afforded a reasonable opportunity to comment on the MACT floor analysis, the supporting data or the resulting final emissions standards for existing CPVs.
- On August 7, 2017, EPA proposed amendments to the NESHAP for this category and took comment for 60 days.

FOR MORE INFORMATION

- To download a copy of the final rule notice, go to EPA's website at: <https://www.epa.gov/stationary-sources-air-pollution/manufacture-aminophenolic-resins-national-emission-standards>.
- Today's final action and other background information are also available electronically on EPA's electronic public docket and comment system at <https://www.regulations.gov>. The Docket ID number for this NESHAP is EPA-HQ-OAR-2012-0133. Information for this final action is also available in hardcopy at the EPA Docket Center's Public Reading Room.
 - The Public Reading Room is in the EPA Headquarters Library, Room Number 3334 in the William Jefferson Clinton West Building, located at 1301 Constitution Ave., NW, Washington, DC. Hours of operation are 8:30 a.m. to 4:30 p.m. eastern time, Monday through Friday, excluding federal holidays. Visitors are required to show photographic identification, pass through a metal detector and sign a visitor log. All visitor materials will be processed through an X-ray machine. Visitors will be provided a badge that must be always visible.
- For further information about the rule, contact Art Diem of EPA's Office of Air Quality Planning and Standards, Sector Policies and Programs Division, Refining and Chemicals Group at (919)541-1185 or by email at diem.art@epa.gov.