

FACT SHEET

Final Amendments to Air Toxics Standards for Asphalt Processing and Asphalt Roofing Manufacturing

ACTION

- On January 30, 2020, the U.S. Environmental Protection Agency (EPA) finalized amendments to the 2003 National Emission Standards for Hazardous Air Pollutants (NESHAP) for Asphalt Processing and Asphalt Roofing Manufacturing.
- The 2003 rule applies to each new or existing asphalt processing or asphalt roofing manufacturing facility that is a major source or is located at a major source of hazardous air pollutants (HAP). On May 17, 2005, EPA finalized minor amendments to the 2003 NESHAP.
- This action finalizes the results of EPA's risk and technology review (RTR) conducted in accordance with the Clean Air Act (CAA). It also finalizes amendments to the 2003 rule which include:
 - revisions to the startup, shutdown and malfunction (SSM) to be consistent with recent court decisions;
 - requirements for submitting electronic reporting of performance test results;
 - requirements for periodic testing every 5 years; and
 - adding flexibility to monitoring requirements for particulate matter controls by providing an option to use the manufacturer's specifications to establish pressure drop limits and adjust the temperature limit from the temperature measured during testing to 120 percent of the measured temperature.

RESIDUAL RISK ASSESSMENT

- Hazardous air pollutants, also known as toxic air pollutants or air toxics, are known or suspected to cause cancer or other serious health effects or adverse environmental effects.
- The CAA requires EPA to assess the risk remaining after implementation of the original technology-based air toxics emissions standards. This is known as a residual risk assessment.
- Based on the completed risk assessment, available health information and associated uncertainties, EPA determined risks from the Asphalt Processing and Asphalt Roofing Manufacturing source categories are acceptable and the NESHAP provides an ample margin of safety to protect public health.

TECHNOLOGY REVIEW

- The CAA requires EPA to assess, review and revise air toxics standards, as necessary, taking into account developments in practices, processes and control technologies. The

technology review of the standards for Asphalt Processing and Asphalt Roofing Manufacturing facilities did not identify any developments that would further reduce HAP emissions beyond the original NESHAP.

BACKGROUND

- The CAA requires EPA to regulate toxic air pollutants from categories of industrial facilities in two phases.
- The first phase is “technology-based,” where EPA develops standards for controlling the emissions of air toxics from sources in an industry group or “source category.” These maximum achievable control technology (MACT) standards are based on emissions levels that are already being achieved by the best-controlled and lower-emitting sources in an industry.
- Within eight years of setting the MACT standards, the CAA directs EPA to assess the remaining health risks from each source category to determine whether the MACT standards protect public health with an ample margin of safety and protect against adverse environmental effects. This second phase is a “risk-based” approach called residual risk. Here, EPA must determine whether more health-protective standards are necessary.
- Also, every eight years after setting MACT standards, the CAA requires EPA to review and revise the standards, if necessary, to account for improvements in air pollution controls and/or prevention.

FOR MORE INFORMATION

- Interested parties can download a copy of the final rule notice from EPA's website at the following address: <https://www.epa.gov/stationary-sources-air-pollution/asphalt-processing-and-asphalt-roofing-manufacturing-national>.
- Today's action and other background information are also available either electronically at <https://www.regulations.gov>, EPA's electronic public docket and comment system, or in hard copy at the EPA Docket Center's Public Reading Room.
 - The Public Reading Room is located at the EPA Headquarters Library, room number 3334 in the WJC West Building, 1301 Constitution Ave., NW, Washington, DC. Hours of operation are 8:30 a.m. to 4:30 p.m. Eastern Standard Time, Monday through Friday, excluding federal holidays.
 - Visitors are required to show photographic identification, pass through a metal detector and sign the EPA visitor log. All visitor materials will be processed through an X-ray machine as well. Visitors will be provided a badge that must be visible at all times.
 - Materials for this final action can be accessed using Docket ID No. EPA-HQ-OAR-2017-0662.
- For further technical information about the rule, contact Tonisha Dawson, EPA's Office of Air Quality Planning and Standards, at (919) 541-1454 or dawson.tonisha@epa.gov.