

FACT SHEET

Proposed Amendments to Air Toxics Standards for Surface Coating of Metal Cans and Surface Coating of Metal Coil

ACTION

- On May 2, 2019, the U.S. Environmental Protection Agency (EPA) proposed to amend two National Emission Standards for Hazardous Air Pollutants (NESHAP): Surface Coating of Metal Cans and Surface Coating of Metal Coil.
- EPA is proposing minor amendments to enhance the effectiveness of the rules by improving compliance with the existing requirements and by increasing the efficiency of data submissions.
- This action includes emission units covered under the two NESHAP, including all coating operations; coatings conveyors and transfer equipment; and storage, mixing and waste containers.
- On November 13, 2003, EPA issued the Surface Coating of Metal Cans air toxics emission standards. The rule applies to facilities that conduct the surface coating of cans, including aerosol cans, two-piece beverage cans, two-piece food cans, three-piece cans, can crowns and closures, and decorative tins.
- On June 10, 2002, EPA issued the Surface Coating of Metal Coil air toxics emission standards. The rule applies to facilities that conduct the surface coating of aluminum and steel coils (sheets), which are used by client companies to fabricate a variety of end products such as buses, mobile homes, metal buildings and construction materials.
- Following residual risk and technology reviews (RTRs) conducted under the Clean Air Act (CAA), with this action EPA is proposing to:
 - Revise the startup, shutdown and malfunction (SSM) language to be consistent with recent court decisions;
 - Require submittal of electronic copies of compliance reports, including performance test results; and
 - Require facilities that use control devices to comply with emission limits to conduct periodic testing once every 5 years.
- EPA will accept comments for 45 days after the proposal is published in the *Federal Register*.

RESIDUAL RISK ASSESSMENT

- The CAA requires EPA to assess the risk remaining after application of the final air toxics emission standards. This is known as a residual risk assessment.
- Based on the completed risk assessments, available health information and associated uncertainties, EPA determined risks from the Metal Can and Metal Coil sectors to be acceptable and that the standards provide an ample margin of safety to protect public health.

- The maximum individual cancer risk for inhalation for the Metal Cans category is 3-in-1 million. The maximum acute hazard quotient is below 1.
- The maximum individual cancer risk for inhalation for the Metal Coil category is 10-in-1 million. The maximum acute hazard quotient is 3.

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 reviews of the standards for Surface Coating of Metal Can and Surface Coating of Metal Coil did not identify any developments that would further reduce hazardous air pollutant emissions beyond the original NESHAPs.

BACKGROUND

- The CAA requires EPA to regulate toxic air pollutants, also known as air toxics, 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.

HOW TO COMMENT

- EPA will accept comment on the proposal for 45 days after publication in the *Federal Register*. Comments, identified by Docket ID No. EPA-HQ-OAR-2017-0684 for the Surface Coating of Metal Cans or Docket ID No. EPA-HQ-OAR-2017-0685 for the Surface Coating of Metal Coil, may be submitted by one of the following methods:
 - Go to <https://www.regulations.gov> and follow the online instructions for submitting comments.
 - Send comments by email to: a-and-r-Docket@epa.gov, Attention Docket ID No. EPA-HQ-OAR-2017-0684 or Docket ID No. EPA-HQ-OAR-2017-0685.

- Fax your comments to: (202) 566-9744, Attention Docket ID No. EPA-HQ-OAR-2017-0684 or Docket ID No. EPA-HQ-OAR-2017-0685.
- Mail your comments to: EPA Docket Center, Environmental Protection Agency, Mail Code: 28221T, 1200 Pennsylvania Ave., NW, Washington, DC 20460, Attention Docket ID No. EPA-HQ-OAR-2017-0684 or Docket ID No. EPA-HQ-OAR-2017-0685.
- Deliver comments in person to: EPA Docket Center, 1301 Constitution Ave., NW, Room 3334, Washington, DC. Attention Docket ID No. EPA-HQ-OAR-2017-0684 or Docket ID No. EPA-HQ-OAR-2017-0685. Note: In person deliveries (including courier deliveries) are only accepted during the Docket's normal hours of operation. Special arrangements should be made for deliveries of boxed information.

FOR MORE INFORMATION

- Interested parties can download a copy of the proposed rule notice from EPA's Web sites at the following addresses: <https://www.epa.gov/stationary-sources-air-pollution/surface-coating-metal-cans-national-emission-standards-hazardous> and <https://www.epa.gov/stationary-sources-air-pollution/surface-coating-metal-coil-national-emission-standards-hazardous>.
- Today's proposed 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 hardcopy at the EPA Docket Center's Public Reading Room.
 - The Public Reading Room is located at EPA Headquarters Library, room number 3334 in the EPA 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 proposed action can be accessed using Docket ID No. EPA-HQ-OAR-2017-0684 for the Surface Coating of Metal Cans or Docket ID No. EPA-HQ-OAR-2017-0685 for the Surface Coating of Metal Coil.
- For further technical information about the proposed rules in this action, contact Paula Hirtz at (919) 541-2618 or hirtz.paula@epa.gov at EPA's Office of Air Quality Planning and Standards.