

FACT SHEET

Proposed Amendments to Air Toxics Standards for Boat Manufacturing and Reinforced Plastic Composites Manufacturing

ACTION

- On April 18, 2019, the U.S. Environmental Protection Agency (EPA) proposed amendments to the 2001 National Emission Standards for Hazardous Air Pollutants (NESHAP) for Boat Manufacturing and the 2003 NESHAP for Reinforced Plastic Composites Manufacturing.
- EPA is proposing minor amendments to enhance the effectiveness of these rules by improving compliance and implementation.
- The Boat Manufacturing NESHAP covers the production of fiberglass and aluminum boat hulls or decks, mold building to manufacture hulls or decks, and boat assembly from premanufactured parts. The regulated processes include fiberglass resin and gel coat operations, carpet and fabric adhesive operations, and painting operations.
- The Reinforced Plastic Composites Manufacturing NESHAP includes the production of reinforced and/or nonreinforced plastic composites or plastic molding compounds. It includes the cleaning, mixing, storage and repair operations of hazardous air pollutant-containing materials associated with the production of plastic composites.
- Following a residual risk and technology review conducted under the Clean Air Act (CAA), EPA is proposing to:
 - Revise the startup, shutdown and malfunction language to be consistent with recent court decisions; and
 - Require electronic submittal of compliance reports, including performance test results.
- The 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 Boat Manufacturing and the Reinforced Plastic Composites Production source categories to be acceptable and that the rules provide 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 reviews of the standards for Boat Manufacturing and Reinforced Plastic Composites manufacturing facilities 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 large 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 8 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 8 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

- The EPA will accept comments for 45 days after the proposal is published in the *Federal Register*.
- Comments, identified by Docket ID No. EPA-HQ-OAR-2016-0447 (Boat Manufacturing NESHAP) and EPA-HQ-OAR-2016-0449 (Reinforced Plastic Composites Manufacturing NESHAP) 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-2016-0447 and EPA-HQ-OAR-2016-0449.
 - Fax your comments to: (202) 566-9744, Attention Docket ID. No. EPA-HQ-OAR-2016-0447 and EPA-HQ-OAR-2016-0449.
 - 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-2016-0447 and EPA-HQ-OAR-2016-0449.
 - Deliver comments in person to: EPA Docket Center, 1301 Constitution Ave., NW, Room 3334, Washington, DC. Attention Docket ID. No. EPA-HQ-OAR-2016-0447 and EPA-HQ-OAR-2016-0449. 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 action from EPA's website at the following address: <https://www.epa.gov/stationary-sources-air-pollution/boat-manufacturing-national-emission-standards-hazardous-air> and <https://www.epa.gov/stationary-sources-air-pollution/reinforced-plastic-composites-production-national-emission>.
- 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 EPA Docket Center's Public Reading Room.
 - The Public Reading Room is located at EPA Headquarters Library, Room Number 3334 in 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 Nos. EPA-HQ-OAR-2016-0447 and EPA-HQ-OAR-2016-0449.
- For additional information about this proposed action, contact Brian Storey of EPA's Office of Air Quality Planning and Standards, Sector Policies and Programs Division, at (919) 541-1103 or by email at storey.brian@epa.gov.