

## FACT SHEET

### FINAL RULE: NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR WOOL FIBERGLASS MANUFACTURING; ROTARY SPIN LINES TECHNOLOGY REVIEW AND REVISION OF FLAME ATTENUATION LINES STANDARDS

#### ACTION

- On December 15, 2017, the Environmental Protection Agency (EPA) finalized limits for formaldehyde for new and existing bonded rotary spin (RS) lines; set emission limits for methanol from bonded RS lines; and set work practice standards for phenol from bonded RS lines.
- In addition, based on consideration of new emissions data for flame attenuation (FA) lines, EPA is finalizing revised emission standards for formaldehyde, methanol and phenol from bonded FA lines.
- The final rule will require affected facilities to submit initial notifications of compliance, and to conduct additional monitoring and recordkeeping activities. Also, affected facilities with FA lines will need to demonstrate compliance with new emission standards.
- EPA is also providing the source category a 3-year period to comply with this action.

#### BACKGROUND

- Wool fiberglass insulation manufacturing uses molten glass to produce glass fibers. Glass fiber mats are formed by bonded or non-bonded lines, which are cut to size as final product. Bonded lines include two types of processes: FA lines and RS lines. Bonding of the glass fiber into mats is accomplished using either phenol-formaldehyde (PF), or non-PF binders. This action only addresses the forming, curing and cooling processes of the lines using a PF binder.
- The National Emission Standards for Hazardous Air Pollutants for Wool Fiberglass Manufacturing was originally promulgated on June 14, 1999, and codified in 40 CFR part 63, subpart NNN.
- EPA completed and published the risk and technology review final rule for wool fiberglass on July 29, 2015. At the time, the emission standards for the wool fiberglass RS lines remained as originally promulgated and a technology review was not performed because of recent operational changes in the industry.
- In 2016, EPA requested new emissions testing data from RS lines and performed a technology review based on the collected data.

## **FOR MORE INFORMATION**

- Interested parties can download the notice from the EPA's Web site at the following address: <https://www.epa.gov/stationary-sources-air-pollution/wool-fiberglass-manufacturing-national-emissions-standards>.
- Today's final rule and other background information are also available either electronically at <http://www.regulations.gov>, the 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 in the EPA Headquarters Library, Room Number 3334 in the EPA WJC West Building, located at 1301 Constitution Avenue, 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 action can be accessed using Docket ID Number EPA-HQ-OAR-2010-1042.
- For further information, contact Brian Storey of EPA's Office of Air Quality Planning and Standards by phone at: (919) 541-1103, or by email at: [storey.brian@epa.gov](mailto:storey.brian@epa.gov).