

## **EPA's National Emission Standards for Hazardous Air Pollutants and New Source Performance Standards for the Petroleum Refinery Sector: Technical Corrections**

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- On March 19, 2018, the U.S. Environmental Protection Agency (EPA) proposed amendments to the National Emission Standards for Hazardous Air Pollutants (NESHAP) Refinery MACT 1 and Refinery MACT 2 regulations to clarify the requirements of these rules and to make technical corrections and revisions to requirements for work practice standards, recordkeeping and reporting.
- The proposed amendments pertain to maintenance venting requirements and associated recordkeeping and reporting; operating requirements for steam-assisted flares; fence-line monitor placement; provisions that apply when the water-over approach is used to meet the delayed coker vent standards; and the types of pressure relief devices (PRDs) subject to the PRD atmospheric release work practice standards. The proposal also includes proposed amendments to make the rule requirements more clear and consistent.
- These revisions are being proposed in order to remove uncertainty associated with the implementation of the final rule amendments and to simplify compliance. Addressing implementation issues related to electronic reporting requirements are also included.
- This proposal contains corrections of typographical errors and cross-referencing errors where the rules cite incorrect sections and/or paragraphs. This action also proposes technical corrections for the new source performance standard (NSPS) for petroleum refineries, which are in response to petitions for reconsideration and requests for clarification on various aspects of the 2015 Refinery Final Rule Amendments.

### **Burden reductions**

- This proposed action would impose no additional costs to industry and would reduce costs associated with rule compliance. It would not affect emission reductions projected for the final rule.
- The total cost savings from implementing these proposed amendments is expected to be \$77 million capital investment and annualized costs of \$12 million. Most of the cost reduction is attributable to the proposed amendments for maintenance vent requirements, recordkeeping and reporting.

### **Background**

- Published on December 1, 2015, the Refinery Sector Rule became effective on February 1, 2016. The EPA received three separate petitions for reconsideration.
- On July 1, 2016, the EPA issued a final rule that provided more time for refiners to comply with some of the new requirements of the 2015 rule for maintenance activities associated

with process vents and for periods of startup and shutdown associated with fluidized catalytic cracking units and sulfur recovery units. The EPA also finalized technical corrections and clarifications to the final rules promulgated on December 1, 2015, including the Refinery MACT standards and the (NSPS) amendments.

- On October 18, 2016, the EPA proposed two minor clarifying amendments and provided opportunity for public comment on several issues identified in the two February 1, 2016 petitions, including: (1) the work practice standards for PRDs; (2) the work practice standards for emergency flaring events; (3) the assessment of risk as modified based on implementation of these PRD and emergency flaring work practice standards; (4) the alternative work practice standards for DCUs employing the water overflow design; and (5) the provision allowing refineries to reduce the frequency of fence-line monitoring at sampling locations that consistently record benzene concentrations below 0.9 micrograms per cubic meter.

### **How to Comment**

- EPA will take public comment on the notice for 45 days after they are published in the Federal Register. There are multiple ways to submit written comments. Please use one of the methods below to ensure your comments are the methods below to ensure EPA receives your comments.
- Comments, identified by Docket ID No. EPA-HQ-OAR-2010-0682, may be submitted by one of the following methods:
  - Federal eRulemaking Portal: <http://www.regulations.gov>. Follow the online instructions for submitting comments. Once submitted, comments cannot be edited or withdrawn. The EPA may publish any comment received to its public docket. Do not submit electronically any information you consider to be Confidential Business Information (CBI) or other information whose disclosure is restricted by statute.
  - Email: [A-and-R-Docket@epa.gov](mailto:A-and-R-Docket@epa.gov). Include Docket ID No. EPA-HQ-OAR-2010-0682 and in the subject line of the message.
  - Fax: (202) 566-9744.
  - Mail: Environmental Protection Agency, EPA Docket Center (EPA/DC), Mail Code 28221T, Attention: Docket ID No. EPA-HQ-OAR-2010-0682, 1200 Pennsylvania Avenue, NW, Washington, D.C. 20460. Please include a total of two copies. In addition, please mail a copy of your comments on the information collection provisions to the Office of Information and Regulatory Affairs, Office of Management and Budget (OMB), Attn: Desk Officer for EPA, 725 17th Street, NW, Washington, D.C. 20503.
  - Hand/Courier Delivery: EPA Docket Center, Room 3334, EPA WJC West Building, 1301 Constitution Avenue, NW, Washington, D.C. 20004. Such deliveries are only accepted during the Docket's normal hours of operation, and special arrangements should be made for deliveries of boxed information.

- For tips on submitting comments, see <https://www.epa.gov/dockets/commenting-epa-dockets>.