

Notice of Final Approval for an Alternative Means of Emission Limitation to Use Multi-Point Ground Flares at Lyondell Chemical Company (Lyondell) – FACT SHEET

ACTION

- On September 18, 2020, the U.S. Environmental Protection Agency (EPA) approved an alternative means of emission limitation (AMEL) request from a chemical plant in Houston, Texas.
- This action is a notice of approval for multi-point ground flares (MPGFs) for Lyondell Chemical Company (Lyondell) at their chemical plant.
- This notice of approval specifies the flare operating conditions that must be met under the terms of the AMEL approval.
- The Clean Air Act (CAA) provides the ability for regulated sources to seek approval of an AMEL, which must achieve emission reductions at least as stringent as the existing standards.
- Consistent with the requirements of the CAA, EPA provided an opportunity for the public to comment on the specific flare operating conditions that Lyondell should follow to ensure that equivalent emissions reductions are achieved by their MPGFs.

BACKGROUND

- On May 29, 2020, EPA requested comments on the AMEL request from Lyondell. The comment period for this action closed on July 13, 2020.
- Units at this facility are subject to the General Provisions at 40 CFR parts 60 and 63.
- The General Provisions contain emission control requirements for flares. These requirements were developed for elevated flares with a single flare tip.
- The MPGFs in question cannot meet the maximum permitted velocity flare requirements in the General Provisions because of their design. Specifically, they operate at higher velocities than traditional elevated flare systems.

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/alternative-means-emission-limitation-flares>.
- 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.
- For further information about this final action, contact Ms. Angie Carey of the EPA's Office of Air Quality Planning and Standards, at (919) 541-2187 or by email at Carey.Angela@epa.gov.