

## **U.S. EPA has approved EtO NESHAP rule, and Thermo Fisher Scientific stands ready to support your compliance needs**

On March 14, 2024, the U.S. Environmental Protection Agency (EPA) approved a groundbreaking rule under the [National Emission Standards for Hazardous Air Pollutants \(NESHAP\)](#). This rule aims to greatly reduce ethylene oxide (EtO) emissions and will have a profound impact on commercial sterilizers using EtO. In conjunction with this rule, the EPA has introduced PS-19 and QA Procedure 7 as guidelines to ensure the certification and ongoing compliance of EtO CEMS (Continuous Emissions Monitoring Systems) at the stack. Consequently, commercial sterilizers must now prepare for the implementation of new equipment and controls to effectively monitor and manage EtO emissions in accordance with the updated guidelines.

Thermo Fisher Scientific recognizes the significance of the new EtO regulations on businesses and is fully dedicated to providing comprehensive solutions and support. To facilitate compliance, our Thermo Scientific™ EMS-10™ CEMS, using advanced OE-FTIR technology, offers a turnkey solution for real-time monitoring of low-level EtO emissions. Since its introduction in 2019, the EMS-10 System has consistently demonstrated its effectiveness, instilling confidence in its performance, and ensuring seamless adherence to regulations.

In line with our commitment to providing comprehensive support, Thermo Fisher Scientific has an established partnership with Montrose Environmental Group (MEG). This partnership enables companies to streamline data reporting through MEG's Sensible Environmental Data Platform (SensibleEDP™), further simplifying the compliance process.

At Thermo Fisher Scientific, we have the expertise and resources to help your organization meet the challenge of compliance. As a global leader in serving science, we can guide you through the complexities of the new rule, ensuring your operations are compliant, efficient, and environmentally friendly. Don't navigate these waters alone - contact Thermo Fisher Scientific today and let us help you meet this challenge successfully.