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PUBLIC NOTICE

ENVIRONMENTAL PROTECTION

AIR, ENERGY, AND MATERIALS SUSTAINABILITY

DIVISION OF AIR ENFORCEMENT

Notice of Opportunity for Public Comment on Draft Technical Manual 1005, Guidelines for Continuous Emissions Monitoring Systems (CEMS), Continuous Opacity Monitoring Systems (COMS), Periodic Monitoring Procedures (PMPs), and Annual Combustion Adjustments (ACAs)

Take notice that the Department of Environmental Protection (Department) is seeking public comment on the proposed revisions of the existing Technical Manual 1005 (TM 1005). TM 1005 contains design specifications, performance specifications, performance test procedures, data storage and reporting requirements, quality assurance criteria, and administrative procedures for obtaining Department approval of CEMS/COMS. This manual also includes methodology guidance for the measurement of emissions within a PMP, which may be allowed instead of CEMS and could require Department approval, as well as procedures for the establishment of a Total Hydrocarbon (THC) allowable for use with a CEMS or PMP.

The Department last updated Technical Manual 1005 in June 2010. The revised TM 1005 introduces several substantive updates, including: expanded definitions, updated method references and performance specifications, a requirement to use EPA Reference Methods (RM) 1–4 for calculating pounds per hour (lbs/hr) for the annual Relative Accuracy Test Audits (RATAs) instead of the EPA RM 19 approach on the RM side of the RATA, enhanced guidance on moisture concerns for flame ionization detectors (FIDs), and clarifications on the application of EPA Part 60, Appendix B, Performance Specification (PS) 4A. Additional changes include establishing an alternate acceptance criterion for very low-emitting sources, consolidating the Quality Assurance/Quality Control Plan and Preventative Maintenance Plan into a single document, and clarifying the implementation of the Conditional Test Method (CTM)-034 for Periodic Monitoring events.

Further updates encompass the addition and clarification of checklist items to ensure complete CEMS and COMS Equipment and Certification protocols, revised instructions for the Excess Emissions and Monitoring Performance Report (EEMPR), and updated procedures for establishing total hydrocarbon allowables and validating CEMS after major changes.

New appendices have also been added, addressing topics such as CEMS Quality Assurance requirements for non-operating quarters and non-dispatched peaking units, programming of CEMS Data Acquisition Systems (DAS) to account for operational breaks in multi-hour rolling or block averages, Department policy

on determining CEMS multi-hour rolling and block averages, certification of non-methane hydrocarbon (NMHC) CEMS, and the Periodic Monitoring Downtime Policy.

The revised draft Technical Manual 1005 can be found at the Department's website, <https://www.nj.gov/dep/bts/consult.html>. Submit written comments by close of business on December 17, 2025. Please email comment(s) as an email or document attachment to: BTS@dep.nj.gov. Please include "Technical Manual 1005" in the subject line of the email. The Department encourages electronic submittal of comments. In the alternative, comments may be submitted on paper to:

Attn: Neil Nissim
Mail Code: 09-01
New Jersey Department of Environmental Protection
Emission Measurement Section
PO Box 420
Trenton, NJ 08625

After the close of the comment period, the Department will publish a notice in the New Jersey Register and on the Department's website informing the public whether the Department is issuing the revised manual and, if so, how to obtain a copy, and whether the Department modified the manual before issuing it.