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## **ENVIRONMENTAL PROTECTION**

### **AIR, ENERGY AND MATERIALS SUSTAINABILITY**

#### **DIVISION OF AIR QUALITY AND RADIATION PROTECTION**

##### **Notice of Opportunity for Public Comment on Draft State-of-the-Art (SOTA) Technical Manual for Boilers and Process Heaters**

**Take notice** that the Department of Environmental Protection (Department) is seeking public comment on the proposed revisions of the existing State-of-the-Art (SOTA) technical manual for Boilers and Process Heaters. The use of the revised manual will satisfy the requirements for advances in the art of air pollution control at N.J.A.C. 7:27-8.12 for preconstruction permits and N.J.A.C. 7:27-22.35 for operating permits.

N.J.S.A. 26:2C-9.2 requires newly constructed, reconstructed, or modified equipment and control apparatus to incorporate advances in the art of air pollution control as developed for the kind and amount of air contaminant emitted by the equipment and control apparatus. Advances in the art of air pollution control means up-to-date technology and methods in equipment, control apparatus, and procedures that, when applied to an emission source, shall reasonably minimize air contaminant emissions. The Department last updated the SOTA technical manual for Boilers and Process Heaters in February 2004. The significant changes to the existing 2004 Boilers and Process Heaters SOTA Manual are as follows:

1. Updating to include Federal boiler requirements;
2. Revising emissions limits and fuel restriction to incorporate current standards in New Jersey and other states;
3. Adding emissions limits for particulate matter and opacity based on emissions limits in other state air agency permits;
4. Addressing alternative fuels (for example, biodiesel) used in boilers;
5. Detailing types of boilers and process heaters, including operating diagrams; and
6. Detailing New Jersey energy efficiency requirements to reduce greenhouse gas emissions.

The Department has determined that the technologies in this revised draft SOTA technical manual represent up-to-date technology, methods, and performance levels for use by applicants in demonstrating the use of advances in the art of air pollution control.

The revised draft SOTA technical manual for Boilers and Process Heaters can be found at the Department's website <https://dep.nj.gov/boss/public-notices/>. Submit written comments by close

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of business February 15, 2024. Please email comment(s) as an email or document attachment to: [aqppls@dep.nj.gov](mailto:aqppls@dep.nj.gov). Please include “BOILER SOTA” in the subject line of the email. The Department encourages electronic submittal of comments. In the alternative, comments may be submitted on paper to:

New Jersey Department of Environmental Protection

Attn: Joel Leon

Division of Air Quality

401 East State Street, 2nd Floor

Mail Code 401-02, PO Box 420

Trenton, New Jersey 08625-0420

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.