DEP Steps Up Inspection of Laboratories to Comply with Air Pollution Control Act

Who is affected by this advisory?

Any laboratory in New Jersey that owns or operates equipment and/or source operation that has the potential to emit any Group 1 or Group 2 TXS (Toxic Substances), or a combination thereof, at a rate greater than 0.1 pounds per hour (45.4 grams per hour).

Group 1 TXS means an air contaminant that is found on the list of Group 1 TXS at N.J.A.C. 7:27-17.3, which is incorporated by reference herein, together with all amendments and supplements. As of June 12, 1998, the following is the complete list of Group 1 TXS: Benzene (Benzol), Carbon tetrachloride (Tetrachloromethane), Chloroform (Trichloromethane), Dioxane (1,4-Diethylene dioxide; 1,4-Dioxane), Ethylenimine (Aziridine), Ethylene dibromide (1,2-Dibromoethane), Ethylene dichloride (1,2-Dichloroethane), 1,1,2,2-Tetrachloroethane (sym Tetrachloroethane), Tetrachloroethylene (Perchloroethylene), 1,1,2-Trichloroethane (Vinyl trichloride), and Trichloroethylene (Trichlorethene).

Group 2 TXS means an air contaminant that is found on the list of Group 2 TXS at N.J.A.C. 7:27-17.3, which is incorporated by reference herein, together with all amendments and supplements. As of June 12, 1998, the following is the complete list of Group 2 TXS: Methylene chloride (Dichloromethane), 1,1,1-Trichloroethane (Methyl chloroform).

Why is DEP issuing this advisory?

The Department has discovered that some laboratory owners and operators have operated their equipment and/or source operation in such a manner that exceeded the 0.1 pounds per hour of Group 1 or Group 2 TXS. Operating such equipment in this way is permissible only if such equipment has an approved air permit that contains conditions specifying allowable use of one or more of the Group 1 or Group 2 TXS and may include air pollution control.

What is DEP doing?

The Department will be issuing enforcement actions for all violators. Enforcement actions may include penalty assessments pursuant to N.J.A.C. 7:27A, Air Administrative Procedures and Penalties.

What should I do?

If your laboratory operates equipment and/or source operation that has the potential to emit any Group 1 or Group 2 TXS (or a combination thereof) at a rate greater than 0.1 pounds per hour (45.4 grams per hour), please call the Department’s Air Quality Permitting Program at (609) 292-0834 to...
request assistance in obtaining the appropriate air permit(s). If you are not sure what to do next, call the above telephone number and request a pre-application meeting. This meeting will help determine permit applicability and, if necessary, how to obtain the appropriate air permit(s).

Who should I contact with questions?

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<th>NJDEP Air Quality Permitting</th>
<th>609-292-0834</th>
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<tr>
<td>Air Compliance and Enforcement - Northern Field Office (Bergen, Essex, Hudson, Hunterdon, Morris, Passaic, Somerset, Sussex, Warren, and Union Counties)</td>
<td>973-656-4444</td>
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<tr>
<td>Air Compliance and Enforcement – Central Field Office (Burlington, Mercer, Middlesex, Monmouth, and Ocean Counties)</td>
<td>609-292-3187</td>
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<tr>
<td>Air Compliance and Enforcement – Southern Field Office (Atlantic, Camden, Cape May, Cumberland, Gloucester, and Salem Counties)</td>
<td>856-614-3601</td>
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Where can I get more information?

The following web sites can be accessed for additional information regarding this advisory:

- Division of Air Quality Permitting Program website (for information about Air Quality Permits): http://www.state.nj.us/dep/aqpp/
- Specific rule containing the requirements: http://www.state.nj.us/dep/aqm/Sub8v2015.pdf
- For general NJDEP information (Contact NJDEP): http://www.nj.gov/cgi-bin/dep/contactdep.pl

For more information about our Compliance Advisory program or to comment on this advisory:

NJDEP Compliance Advisories are an electronic notification service of the NJDEP Compliance & Enforcement Program providing information to subscribers notifying them of upcoming important developments involving NJDEP’s Compliance & Enforcement Program and their customers including changes in regulations, training opportunities, compliance assistance information and more. We generally issue 15-20 compliance advisories annually.

In addition, the NJDEP’s Compliance and Enforcement Program (C&E) is pleased to announce that we are now on Facebook. Our goal is to provide our stakeholders and the regulated community a new way to connect and share relevant and useful compliance assistance topics, upcoming training, regulatory updates and recent advisories on a regular basis. Click on this link: https://www.facebook.com/NJDEPComplianceandEnforcement and “Like” our page to receive up-to-date information as soon as it is available.

Compliance Advisory Homepage: http://www.nj.gov/dep/enforcement/advisories.html
Advisory Comments may be directed to: http://www.nj.gov/dep/enforcement/survey.html

This advisory is intended to be a summary explanation of a department initiative. It does not include all potentially applicable requirements. If you have any questions related to compliance with this initiative, please contact the Enforcement numbers listed above.