



DNREC —Tank Management Section  
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## Delaware Department of Natural Resources and Environmental Control (DNREC)

# Public Workshop on Draft Changes to Delaware's Boiler Safety Rules and Regulations Thursday, December 8, 2016

The DNREC Tank Management Section (DNREC) will hold a Public Workshop on draft changes to Delaware's Boiler Safety Rules and Regulations on Thursday, December 8, 2016 at 1:00pm at the DNREC Lukens Drive Office, located at 391 Lukens Drive, New Castle, DE.

DNREC's Boiler Safety Program is responsible for overseeing the construction, installation and repair of regulated boilers and pressure vessels that are installed in the State of Delaware. Over the last year, there have been several incidents that have resulted in DNREC reviewing the rules and regulations relating to how owners of boiler systems conduct preventative maintenance of their boiler systems. In addition, DNREC would like to require owners of boiler systems located in apartment buildings with more than six apartments, hotels, motels, prisons, and other group facilities that provide overnight lodging to install carbon monoxide detectors that shutdown the boiler system if harmful levels of carbon monoxide are detected.

### **Draft Changes Include:**

***Adding a definition of a building requiring carbon monoxide detectors in the boiler room.*** This will include apartment buildings with more than six apartments, hotels, motels, prisons, group homes, nursing homes, daycare facilities, dormitories, or other facilities that provide overnight accommodations for people.

***Specifying a list of preventative maintenance requirements that owners must perform on their boiler systems on a daily and annual basis.*** The list of items that will be inspected daily include visual checks of the boiler system, such as noting if there is any corrosion associated with the vent piping, and the presence of any leaking water. The list of requirements that need to be performed on an annual basis are more in depth and will have to be performed by a licensed Heating, Ventilation, and Air Conditioning (HVAC) professional. These include inspecting and cleaning the boiler system and ensuring all vent and piping is in good condition and tight.



***Maintaining a Boiler Inspection and Maintenance Log.*** DNREC is proposing that owners be required to record the results of boiler testing, inspections, and repairs in a maintenance log that must be maintained in close proximity to the boiler, and made readily available upon inspection.

## Draft Changes to Delaware's Boiler Safety Rules and Regulations *Continued...*

***Requiring boiler inspectors to document the condition of the boiler and/or pressure vessel during an inspection.*** DNREC is recommending that boiler inspectors be required to document the boiler condition during the inspection in a report format approved by DNREC that will include taking photographs during the inspection to document the condition of the boiler.

***Require boiler inspectors to monitor carbon monoxide levels in boiler room during their inspection that occurs every two years, and contact 911 and DNREC Boiler Safety Program if a level over 100 ppm is detected.*** DNREC believes that at least every two years, there should be indoor air monitoring of the boiler room to ensure the health and safety of the occupants of the building.

***Ensure that any person that causes or contributes to a harmful incident can be held accountable.*** DNREC is recommending adding a definition of a "person" to the Boiler Safety Law, and referring to this definition to make it clear that any person that violates the regulations will be held accountable pursuant to the enforcement rules and procedures associated with 7 Delaware Code Chapter 60 and 79.

To RSVP for the Public Workshop, please email Nina Dietrich at [Nina.Dietrich@state.de.us](mailto:Nina.Dietrich@state.de.us). If you have questions on the draft regulations, please call or email Alex Rittberg at: 302-395-2500, or [Alex.Rittberg@state.de.us](mailto:Alex.Rittberg@state.de.us). Additional information, including the changes contained in the draft regulations, can be found on the Boiler Safety website at the following link: <http://www.dnrec.delaware.gov/BoilerSafety/Pages/Default.aspx>



**Air compressors must also be properly maintained, inspected, and operated like other types of regulated boiler and pressure vessel systems.**

