



The Boiler and Pressure Vessel Safety Inspection Unit is responsible to ensure that all boilers and pressure vessels are inspected in accordance with The Maryland Boiler and Pressure Vessel Safety Act and Regulations. This responsibility involves Inspection for proper construction, installation, maintenance, use, repair and inspection.

The Law also requires that any boiler or pressure vessel that will be installed in Maryland be built to the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code, and be registered with the National Board of Boiler and Pressure Vessel Inspectors. The Law requires that boilers and pressure vessels be inspected annually or biennially (every two years) depending on the type of equipment.



## Boiler Safety Inspection

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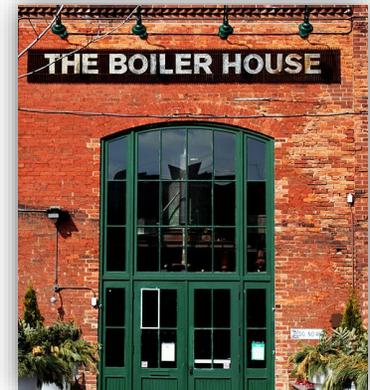
Learn more about Boiler Safety in Maryland by logging onto:  
[www.dllr.maryland.gov/labor/safety/boil.shtml](http://www.dllr.maryland.gov/labor/safety/boil.shtml)

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## Maryland Boiler Safety:

### How to Keep Your Boiler Room Safe



*Our mission is to inspect boilers and pressure vessels in order to reduce danger to the public.*

## ***Boiler Room Overview and Tips***

- Keep the boiler room clean and clear of all unnecessary items. The boiler room should not become an all-purpose storage area.
- Train all personnel who operate the boiler on all equipment, controls, safety devices and operating procedures. A Maryland Stationary Engineer License is required for equipment over 30 boiler horsepower.
- Before start-up ensure that the boiler room is free of all potentially dangerous situations, like flammable materials and mechanical or physical damage to the boiler or related equipment. Check for deterioration and possible leaks.
- Ensure the air intakes and exhaust vents are clear of obstruction. Deadly carbon monoxide will be produced if the burner does not have adequate air circulation in order to prevent incomplete fuel combustion.

## ***Boiler Room Safety***

- Ensure a thorough inspection is conducted by a national board qualified inspector.
- After every extensive repair or new equipment installation, make sure a national board boiler inspector re-inspects the entire system.
- Monitor all equipment closely until safety and efficiency are demonstrated.
- Use boiler operating log sheets, maintenance records and manufacturer's recommendations to establish a preventative maintenance schedule based on operating conditions, past maintenance, repair, and replacement that was performed on the equipment.
- Keep your boiler room clean.
- Keep a check on leakages and rectify without delay.
- Do not store flammables in the boiler room.
- In an emergency, remain calm and use the emergency devices.
- In case of fire, operate the Emergency Shut Down switch.
- Maintain a Boiler Operation Log.
- Keep the boiler room ventilated.

## ***Boiler Room Safety (Continued)***

- Establish a check list for proper start-up and shut down for boilers, and all related equipment according to manufacturer's recommendations.
- Before allowing an automated operation system to be used with minimal supervision, observe equipment extensively.
- Establish a periodic preventative maintenance program that follows CSD-1 Part CM and manufacturer's recommendations.

