

# BOILER SAFETY INSTALLATION



FLORIDA DEPARTMENT OF FINANCIAL SERVICES  
DIVISION OF STATE FIRE MARSHAL

## INSTALLATION CHECKLIST

**ASME Certified?** As of January 1<sup>st</sup>, 2022, *No boiler shall be installed in a public assembly location in this state unless it has been constructed, inspected, and stamped in conformity with the ASME Code.* - Florida Administrative Code 69A-51.045(5). This includes boilers used for heating, water supply, pools, steam etc. rated over 200,000 btus, all new boilers must be ASME certified. Such boilers being installed must first be permitted and approved by the Boiler Safety Section to ensure compliance and that the ASME Manufacture Data Report (MDR) is submitted.

**Boiler Registration Form?** *The installer of any boiler placed in use in this state after August 10, 2021 must, before installing the boiler, electronically apply for a permit to install the boiler from the Chief Boiler Inspector.* - Florida Administrative Code 69A-51.060. You can obtain the Registration Form and all related information on the Boiler Safety Webpage <https://www.myfloridacfo.com/Division/SFM/BFP/BoilerSafety/default.htm> and submit a completed copy to the Boiler Safety Section via email at [Boiler.Safety@myfloridacfo.com](mailto:Boiler.Safety@myfloridacfo.com).

**Is the Boiler Installed to Code?** *State Boiler Code 69A-51.010 - Hereby adopts for the safe construction, installation, inspection, maintenance, and repair of boilers. (a) The ASME Boiler and pressure Vessel Code, Sections I; II, Parts A, B, C and D; IV; V; VI; VII; VIII, Division 1, Appendix 19; and IX; 2017 edition; ASME CSD-1, 2018 edition. (b) The National Board Inspection Code (NBIC), Parts 1, 2, 3, and 4, (c) ASME B31.1, Power Piping, 2018 edition.* All installations and inspections are to be completed in accordance to these codes and encourage the involvement of the jurisdiction and commissioned special inspectors throughout the state to provide guidance and answer questions as needed for all parties and processes involved.

**Ready for the First Inspection?** Boilers installed in public assembly locations will require inspection either by special inspectors working for boiler insurance companies or, if uninsured, by a state deputy inspector. Scheduling inspections early and having copies of all required documentation on site at the time of inspection will result in a faster turnaround time in obtaining your boilers certificate of operation. Here is what to expect during this process:

1. The inspector will confirm the installation of the boilers location, ASME stamping, water piping, gauges, casings, exhaust, electrical components, safety valves and devices and other boiler related items are installed to code.
2. The inspector will require the boiler to be operated by an appointed individual to demonstrate the full operation of the system and manually test and confirm the installed safety devices are functioning properly.
3. The inspector will request a copy of the following reports as they relate to the installation:

**a) ASME Manufacture Data Report:** This report comes from the manufacture and is sometimes found with the installation manuals that came with the boiler. This MDR report can be requested from the National Board if missing by using their website [www.nationalboard.org](http://www.nationalboard.org) and the NB# specific for your boiler.

**b) ASME CSD-1 Report Form (CG-500):** This form also comes from the manufacture and will list the required safety devices and test dates done while under construction. This form shall be completed and signed by the manufacture AND the installation company after verifying these safety devices have been re-tested during this installation. *(Required only for boilers over 400,000 btus)*

**c) Carbon Monoxide Detector Installation Form:** This form is also found on the Boiler Safety Webpage and shall be completed as directed and is required for boilers located in any portion of a public lodging establishment.

4. The inspector will assign a state ID tag to the boiler and send the required documentation and First Inspection Form to the Boiler Safety Program within 15 days. *(Numbers < 50,000 are issued for high pressure boilers and the remainder are reserved for low pressure boilers)*

5. The Boiler Safety Program will process this information and issue an invoice to the owner for the certificate fee. *(The fees are \$30, \$40 or \$60 per boiler)*

6. Once payment has been received, and no violations are outstanding, the boiler certificate of operation will be mailed to the owner or can also be found on the Public Portal.

**BOILER SAFETY SECTION**

TOP EIGHTEEN VIOLATIONS 7/1/2018 – 7/1/2021	# ISSUED
ASME Data Report – FS 554.103(2)	523
Emergency Shutdown Switch – NBIC	396
Electrical Boiler Lockout – NBIC	313
Gas Train Venting Improper – NBIC	302
Boiler Not Operating	290
Internal Inspection Required	272
ASME CSD-1 Report	242
Pressure Relief Device Improper Discharge	190
Pressure Relief Device Leaking	136
Pressure Relief Device Inoperable	101
Flue/Stack Leaks or Improper	95
External Inspection Required	89
BTM. Blowoff Piping not SCH 80	82
Leaking Pipe or Pipe Joints	78
Inspection Certificate Missing/Expired	67
Flow Switch Leaking	66
H Boiler PRD Not Piped Independently	63
Qualified Mechanic or Contractor	62
Flow Device Inoperable	62
Pressure Gage	55
All Other Violations	2,143
<b>Total Violations Issued:</b>	<b>5,627</b>

**How do I contact the Boiler Safety Section if I have more questions? Where can I get a copy of the law and the rules?** The Boiler Safety Section is available from 8:00 a.m. until 5:00 p.m. Monday through Friday except for legal holidays. Copies of the law and the rules are available free of charge and can be found online at the Boiler Safety Section website. The Chief Boiler Inspector, Deputy Boiler Inspectors and staff are readily available to answer any further questions and keep Florida a safer place for everyone.



**Jake Twogood: (850) 408-8167**

**Ken Noble: (352) 369-2872**

**John Norman: (561) 640-6752**

**Kevin Burke: (239) 633-3703**

**Rama Tumrukota: (954) 321-3735**

**Robin Moore: (850) 413-3627**

**Boiler Safety Section**

**Bureau of Fire Prevention**

**Division of State Fire Marshal**

200 E. Gaines Street

Tallahassee, Florida 32399-0342

**Call: (850) 413-3723**

**Email: [Boiler.Safety@myfloridacfo.com](mailto:Boiler.Safety@myfloridacfo.com)**

**Access The Public Portal:**

<http://www.myfloridacfo.com/Division/SFM/BFP/BoilerSafety/default.htm>

