

Boiler installation requirements in the State of Georgia.

The boiler or pressure vessel (new or used) is required to be built to ASME code and registered with the National Board. If under state laws/regulations required to be installed by a company with a valid Certificate of Authority for the scope of work.

Class I – High pressure boiler, high temperature boiler & thermal fluid heaters (hot oil).

Class II – Low pressure steam or hot water heating boilers.

Class III – Low pressure Hot water supply boilers or lined hot water heater.

Used pressure vessels that depending on the applications can be permitted by one of the Classes above.

***All new companies that do not have a Certificate of Authority will need to have an employee fill out an exam application on the Citizenserve Portal for the scope of work requested. Upon the individual passing the exam the company will then be able to apply for a Certificate of Authority.**

Carbon monoxide detector (located per NFPA or manufactures recommendations), alarm (wired per NFPA code) and safety shutdown.

Proper combustion air per NFPA 54 Fuel Gas Code. (if louvered to be interlocked with boilers)

Fuel line installed to NFPA 54 Fuel Gas Code with drip leg with removable cap.

Proper venting (stack) off boiler, also located correct distance above roof (cap) and clearances from openings in building per NFPA 54

All electrical done per NFPA 70 National Electrical Code (manual fused disconnect at or near the boiler, remote shutdown labeled by exit, per CSD-1.

All controls and safety devices installed per ASME CSD-1 (Controls & Safety Devices) or NFPA 85 or 87, all vent line installed correctly (with bug screens).

Also, an installers contractors report to be filled out at the time of installation showing all controls and safety devices were checked out by the qualified technician prior to inspection. Our inspector will have the technician verify them again at time of inspection.

Proper clearances around and above the boiler. Refer to NBIC (National Board Inspection Code) Part I for new installations

Proper blowdown piping (done per ASME code)

Proper discharge/venting of PRD (pressure relief device)

Proper drain in boiler room along with proper lighting.

Ladders. Catwalks & handrails if required per NBIC, Part 1.

This is not an all-inclusive list of what is required to meet the minimum code requirements.