



Department of
**Labor & Workforce
Development**

Workplace Regulations & Compliance
Boiler Unit

220 French Landing Drive Nashville, TN 37243
(844) 224-5818 (615) 532-1469 Facsimile

Office Use Only
Date Received _____

Office Use Only

Permit # Assigned _____ Processed by _____

P _____ Date _____

Inspector Information (**Office Use Only**):
*The Inspector may be contacted at the
following telephone number*

Application for Permission to Install a Boiler or Pressure Vessel (Lethal Service)

A guideline for completion of this document is located on Page 3

1) * Permit Action Applying For:

Boiler Number _____ of _____

When applying for multiple installations at one location.

An application is required for each boiler installed

☐ New Installation

☐ Emergency

TN # _____

☐ Replacement

Vessel Being Replaced

TN # _____

NB # _____

☐ Reinstallation

TN # _____

☐ Repaired
Attach R-1 Form

☐ Altered Attach R-2
Form Reactivated

☐ Reactivated

☐ Changed Location

☐ Second-Hand Installation

NB # _____

☐ Previously Registered in TN

TN # _____

☐ Never Registered

☐ Rental; Registered

TN # _____

☐ Rental; Never Registered

2) Category of Vessel to be Installed:

☐ High Pressure Boiler

☐ Steam Boiler

☐ High Temp. Boiler

☐ Organic/ Synthetic Fluid Heater

☐ Low Pressure Boiler

☐ Steam Heating

☐ Hot Water Heating

☐ Hot Water Supply (example: water heater)

☐ Lethal Service UPV

Medium _____

MAWP _____

3) Location Address:

Send Certificate To?

☐ User Address

☐ Owner Address

☐ Billing Address

User Location:

Owner Address: ☐ Same As User

*Billing Address: ☐ Same As User

☐ Same As Owner

*Name _____ Name _____ Name _____

*Address _____ Address _____ Address _____

*City _____ City _____ City _____

*County _____ State _____ State _____

*Zip Code _____ Zip Code _____ Zip Code _____

*Phone Number _____ Phone Number _____ Phone Number _____

Contact _____ Contact _____ Contact _____

***Have all additional state/local installation permits been obtained?** Attach copy ☐ Yes ☐ No ☐ N/A

Is the business currently covered by an Insurance Inspector? ☐ Yes ☐ No ☐ Unk If Yes, Insurer's Name _____

4) Manufacturer's Data Report: Reference 0800-03-03-.04 (1) (b) (c)

☐ Attached ☐ Not Applicable (waterheater less than 200,000 Btu/hr)

5) Size & Clearance Reference 0800-03-03-.08 (4) (a)

☐ Attached Separately ☐ Information Supplied at Time of Inspection

A	
D	B
C	

Measurement from Point/Obstruction to Vessel
(Signify in Feet and/or Inches)

A _____ B _____ C _____ D _____

Overhead Clearance _____

Boiler/Mechanical Room Dimensions:

_____ X _____ or _____ sq. ft

Vessel Dimensions: Diameter _____

H _____ L _____ W _____

6) Plant Location, Exits & Ventilation: Ref. 0800-03-03-.08 (5) (6)

(a) & (b) Location in plant. _____

Number of Exits from the Boiler Room? _____

Room Ventilation Louver Size (sq/ft) _____

Combustion Air Louver Size (sq/ft) _____

Office Use Only

Approved by _____

Variance Review Approval: Date _____

7) Controls and Safety Devices

☐ Attached Separately ☐ Information Supplied at Time of Inspection
a) Boiler Capacity _____ ☐ Unit of Measure: BTU/hr ☐ Lb/hr ☐ Kw/hr

b) Boiler Horsepower _____ Boiler Heating Surface (sq/ft) _____

c) Fuel Type: ☐ Gas- Natural ☐ Gas- LP ☐ Oil ☐ Electric ☐ Wood Waste Coal ☐ Other _____d) Firing Method: ☐ Forced Draft ☐ Atmospheric ☐ Element ☐ Auger ☐ Stoker ☐ Other _____

e) Low Water Fuel Cut-Off (#) _____ Pressure Controls (#) _____ Temperature Controls (#) _____

f) Remote Emergency Shutdown Installed: Yes ☐ No ☐ N/A ☐

g) Safety Valves: Number _____ Total Capacity _____

8) *Installer Information

Contractor
License # _____

Name _____

Address _____

City _____ State _____

Zip _____ Contact _____

Phone Number _____

	Size	Set Pressure	Capacity
#1	_____	_____	_____
#2	_____	_____	_____
#3	_____	_____	_____

9) *Preferred Mode of Return : (select one)

☐ Email To: _____

Email Address

☐ Mail To: ☐ Installer ☐ Owner ☐ User

Guide for Completing Application for Permit to Install

Note: All information signified with an "*" is required and must be completed.

1. Installation Action

- **Select one: New Installation, Reinstallation, or Second-Hand Installation A**
Manufacturer's Data Report (MDR) is required for all low-pressure or high-pressure steam or hot water boilers, whether new or second-hand. **Exemptions** apply to water-heaters 200k Btu and below and second-hand boilers that have been previously registered in Tennessee, provided an MDR has already been submitted and is on file.
- **Multiple Boilers:** Complete and submit individual applications for each boiler.
- **Reference Number:** Indicate a number to reference each individual boiler.

2. Boiler Category

- **Select Category:** Indicate the category of boiler or lethal service pressure vessel.
- **Use Type:** Specify the use type of the boiler.
- **Lethal Service Pressure Vessel:** Indicate the medium stored and the maximum allowable working pressure (MAWP).

3. Inspection and Contact Information

- **a. Insurance Inspection:**
 - Indicate if the location is inspected by a Tennessee commissioned insurance inspector.
 - Provide the name of the insurance agency.
 - If unknown, check the "Unk" box.
- **b. Certificate of Inspection:** Indicate the recipient of the certificate of inspection. If left blank, it will be sent to the Billing Address.
- **c. User Location Address:** Complete entirely, including contact name and telephone number. Failure to provide this information will result in denial of the application.
- **Owner and Billing Address:** Complete entirely or indicate as the same as the user or owner.
- **Permits:** Attach all required additional state/local permits, including permits from Tennessee Dept of Environment and Conservation for NOx air quality requirements, information can be found at <https://www.tn.gov/environment/permit-permits/air-permits.html>

4. Manufacturer's Data Report

- A Manufacturer's Data Report (MDR): Reference 0800-03-03-.04 (1) (b) (c), shall be submitted with the permit application exemptions shown in #1.

5. Additional Information

- **Size and Clearance Reference:** Completely fill out all clearance measurements accurately as possible and follow jurisdictional and NBIC code for clearance requirements. This information must be submitted with the application.

6. Boiler Location Details

- **a. Specific Location:** Indicate the specific room where the boiler or vessel is to be located.
- **b. Exits:** Indicate the number of exits from the room where the boiler is located.
- **c. Ventilation:** Indicate the square feet of ventilation for both room venting and combustion.

7. Additional Information

- Boilers 400,000 BTU/HR through 12,500,000 BTU/HR input shall comply with ASME CSD-1 code requirements (ASME CSD-1 CG-510). Boilers above 12,500,000 BTU/HR input shall comply with NFPA 85.

8. Installer Information

- **Complete Information:** Provide complete Installer Information, including any required Contractor License Number. Failure to provide this information may result in denial of the permit.
- **Local Requirements:** Check with the local authority for any additional local licensing or permitting requirements and submit with the permit application.

9. Response Preference

- **Mode of Response:** Indicate the preferred mode to receive the response after the application approval process.
- **Posting Permit:** Post the approved permit at the installation location and have it available for the inspector at the time of inspection.

Note: The installation requirements of Rules 0800-03-03-.04 will be enforced at the time of application and inspection.

An approved permit is only a preliminary approval of the requested installation.

Failure to adhere to the rules may result in the denial of the final installation at the time of inspection.