

# Oklahoma Department of Labor



Melissa McLawhorn Houston

COMMISSIONER OF LABOR

To Whom It May Concern:

The requested Application for a License to Repair, Service and/or Install Boilers and Pressure Vessels is enclosed.

Please complete the application and questionnaire(s) applicable to your business: Section I (High Pressure Boiler), Section IV (Heating Boilers) or Section VIII (Pressure Vessels). Return the application along with the appropriate questionnaires to the Oklahoma Department of Labor (ODOL) for further processing.

If you are in possession of current Certificate(s) of Authorization from either the American Society of Mechanical Engineers (ASME) or the National Board of Boiler and Pressure Vessels Inspectors (NB), please enclose a copy of each certificate with your application. Completion of the questionnaires referenced in the preceding paragraph is not required with submittal of these certificates.

Applicants must have copies of the *Oklahoma Boiler and Pressure Vessel Safety Act* and the most current edition of *Controls and Safety Devices for Automatically Fired Boilers (CSD-1)*, of the American Society of Mechanical Engineers prior to the issuance of the requested license.

The Boiler and Pressure Vessel Safety Act can be obtained at [www.labor.ok.gov](http://www.labor.ok.gov).

**The \$50.00 fee must accompany this application in order to be processed.**

Sincerely,

A handwritten signature in black ink that reads "James D. Buck". The signature is written in a cursive style with a large, sweeping initial "J".

**James Buck**  
**Safety Standards/Licensing Director**



# Repair, Service, Install License Application

Occupational Licensing Division

www.labor.ok.gov

Melissa McLawhorn Houston, Labor Commissioner

OKLAHOMA DEPARTMENT OF LABOR

3017 N. Stiles, Suite 100

Oklahoma City, OK 73105

405-521-6100/888-269-5353

M-F 8:00am-4:30pm

<b>APPLICATION TYPE</b>	<b>APPLICATION FEE</b>	<b>EXACT AMOUNT IS RECOMMENDED</b>
<input type="checkbox"/> New	\$50.00	

**APPLICANT INFORMATION**

Company Name: \_\_\_\_\_

Contact Person: \_\_\_\_\_

Mailing Address:	City:	State:	Zip Code:
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Phone #: (    ) _____	E-mail Address (REQUIRED): _____
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Owner's Name: \_\_\_\_\_

Federal Employees Identification Number (FEIN): \_\_\_\_\_

Physical Location of Plant or Shop (Business Applicants Only): \_\_\_\_\_

**Please check appropriate boxes opposite the type of vessel you wish to install, service, and/or repair:**

ASME Section I (power boilers)	INSTALL <input type="checkbox"/>	SERVICE <input type="checkbox"/>	REPAIR <input type="checkbox"/>
ASME Section IV (heating boilers)	INSTALL <input type="checkbox"/>	SERVICE <input type="checkbox"/>	REPAIR <input type="checkbox"/>
ASME Section VIII (pressure vessels)	INSTALL <input type="checkbox"/>	SERVICE <input type="checkbox"/>	REPAIR <input type="checkbox"/>

Is welding to be performed on any pressure part of items?    YES     NO

If welding is to be performed, refer to the Oklahoma Boiler and Pressure Vessel Safety Act of 1982---Rule 380:25-13-3, for additional requirements.

Are you in possession of a current certificate of authorization for use of the ASME Code Symbol Stamp?    YES     NO

Are you in possession of a current certificate of authorization for use of the National Board "R" Stamp?    YES     NO

**If YES, list stamps and expiration dates and provide current copies of each.**

STAMP	CERTIFICATE NUMBER	EXPIRATION DATE
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

If you do not possess an ASME Code Symbol Stamp or the National Board "R" Stamp, list below the evidence that qualifies you.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**MILITARY STATUS**

Within the past six (6) months, have you been honorably discharged from the Armed Forces of the United States, coming off Active Duty as a member of the National Guard or Reserves, or transferred from another state to Oklahoma?    Yes    No

If yes, provide date of discharge/transfer: \_\_\_\_\_

Are you a spouse of an active duty member of the Armed Forces of the United States?    Yes    No

I certify all statements are true to the best of my knowledge and that all work shall be done in compliance with the State of Oklahoma boiler law, rules, and regulations adopted by the Oklahoma Department of Labor.

**Company Official Signature / APPLICATION CANNOT BE PROCESSED WITHOUT A SIGNATURE AND FEE** \_\_\_\_\_ **DATE** \_\_\_\_\_

**FOR OFFICE USE ONLY**

The Department of Labor will not discriminate against any individual or group because of race, sex, religion, age, national origin, color, marital status, disability or political beliefs. If you need help with reading, writing, hearing, etc., under the Americans with Disabilities Act, you may make your needs known to this agency.	Date:	Lic #:	Receipt #:
	Initials:	Check/Cash:	Amount:

## FOR DOL INSPECTORS ONLY

Name of Company, Firm, or Organization:

Name of Person Interviewed:

Are current editions of ASME Codes available? YES  NO

Does applicant have current copy of NBIC? YES  NO

Does applicant have a copy of Oklahoma Boiler Law? YES  NO

How long has applicant been in business? YEARS \_\_\_\_\_

Does applicant know how to rate a safety valve? YES  NO

Scope of License applied for: \_\_\_\_\_

\_\_\_\_\_

If application is to include welding, have the additional requirements of Rule 380:25-13-3 of the Oklahoma Boiler Law been met?

YES  NO

If NO, explain: \_\_\_\_\_

\_\_\_\_\_

In your opinion, is the applicant qualified to perform the duties within the scope of the license applied for?

YES  NO

Recommendations: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_  
Signature of Inspector

\_\_\_\_\_  
Date of Report

### FOR OFFICE USE ONLY

ASME Section I (power boilers)      INSTALL       SERVICE       REPAIR

ASME Section IV (heating boilers)      INSTALL       SERVICE       REPAIR

ASME Section VIII (pressure vessels)      INSTALL       SERVICE       REPAIR

\_\_\_\_\_  
Approved by

\_\_\_\_\_  
Date



5. List at least two paragraphs in the Oklahoma Boiler and Pressure Vessel Safety Act that give the requirements for notification to the Department of Labor when a boiler is to be installed **AND** who is to give this notification.
  
6. Where in the Oklahoma Boiler and Pressure Vessel Safety Act are the requirements for low water fuel cut-offs on steam boilers, **AND** how many are required to be installed?
  
7. What was the effective date for the requirements of ASME CSD-1 for new boiler installations in the state of Oklahoma, **AND**, are the requirements of CSD-1 applicable to reinstalled boilers?
  
8. Boiler safety valves shall be connected so as to stand in an upright position, with the spindle \_\_\_\_\_?
  
9. Safety valve escape piping, if used, shall be properly anchored, fitted with an open drain, piped clear of walkways and platforms, and the size of the piping shall be at least?
  
10. When a hydrostatic test is applied to a boiler to determine tightness, the pressure shall be equal to \_\_\_\_\_?

11. When installing a Section I boiler, what minimum clearances must be maintained in the following locations?
  - A. Clearance between all sides of the boiler and adjacent walls and other structures.
  - B. Clearance from the manhole opening and any wall, ceiling or piping that will prevent a person from entering the boiler.
  - C. Clearance between the floor and the bottom of a marine type boiler.
  
12. If a Section I boiler with an input of 2,500,000 Btu/hr is being installed in an equipment room that has two natural gas fired water heaters already installed in the space. Each water heater has an input of 250,000 Btu/hr. What is the minimum size of the opening for the supply of combustion air that is to be provided for this space?
  
13. What is the minimum required relieving capacity of the safety valve installed on an electric boiler with an input of 200 kilowatts?
  
14. Under what conditions may galvanized pipe be used for replacement parts on a Section I boiler and where in the Oklahoma Boiler and Pressure Vessel Safety Act are these conditions described?
  
15. If a company is in possession of a valid license to Repair, Service and Install Section I boilers, are they also allowed to perform weld repairs to the pressure retaining portions of the boiler, **AND** where is this information located in the Act?

16. When performing a hydrostatic test of a Section I boiler, the maximum pressure that the boiler is exposed to shall not exceed \_\_\_\_\_?
  
17. How many steam stop valves must be installed in the outlet piping of each boiler when two or more boilers with manway access openings are installed and connected to a common steam main?
  
18. Whenever repairs are made to fittings or appliances, or it becomes necessary to replace them, the work shall comply with \_\_\_\_\_?
  
19. Boiler rooms exceeding 500 square feet floor area and containing one or more boilers having a fuel burning capacity of 1,000,000 Btu/hr or equivalent electrical input, shall have at least how many means of exit?
  
20. Boilers rented or leased for operation in this state shall be maintained as required in the act by \_\_\_\_\_?

**LICENSE QUESTIONNAIRE - LOW PRESSURE (Section IV)**

Answer All Questions on Front and Back of Questionnaire

1. What is the basic difference between a high pressure steam boiler (Section I) and a low pressure steam boiler (Section IV)?
2. What is the maximum temperature and pressure for a hot water heating/supply boiler?
3. How many pressure controls are required to be installed on a Section IV steam boiler?
4. How many temperature controls are required to be installed on a Section IV hot water heating/supply boiler?
5. In those installations where two pressure/temperature controls are installed, what is the function of each of the two controls?
6. Under what conditions may the discharge opening on a safety relief valve be reduced or restricted?

7. In the feed water line on a single boiler installation, is the stop valve, or the check valve nearest to the boiler?
8. How many low water fuel cut-offs must be installed on the following automatically fired Section IV new boiler installations?
- A. Steam =
  
  - B. Hot water heating/supply =
9. Where in the Oklahoma Boiler and Pressure Vessel Safety Act are the requirements for minimum clearance to be found when replacing a boiler or installing a new boiler?
10. For the following types of boilers, circle the gauges that must be installed on each.
- A. Section IV Low pressure steam boiler  
Pressure Gauge      Temperature Gauge      Level Gauge
  
  - B. Section IV hot water supply/heating  
Pressure Gauge      Temperature Gauge      Level Gauge
11. What certification must a safety relief valve have before any consideration may be given to it being used?

12. Where in the Oklahoma Boiler and Pressure Vessel Safety Act are the air and ventilation requirements for a boiler room found?
13. What is the minimum required safety valve relieving capacity in the following cases:
- A. Low pressure firetube steam boiler, fired with natural gas and having a total heating surface of 450 square feet?
  
  
  - B. Low pressure hot water heating boiler with a BTU output of 2,500,000 BTU per hour?
14. When a boiler is used to provide heated water in a closed heating system, when must the installed thermal expansion tank be constructed to ASME Section VIII?
15. What is the minimum capacity of the non-pressurized expansion tank that is to be installed in a forced water heating system with a system volume of 500 gallons?
16. The maximum pressure that a boiler or pressure vessel may be subjected to during a hydrostatic test shall not exceed?
17. At a minimum, boilers, pressure vessels, and water heaters shall be operated and maintained in accordance with \_\_\_\_\_?

18. When repairs are made to fittings or appliances, or it becomes necessary to replace them, the repairs must comply with \_\_\_\_\_?
19. The safety valve on a low pressure steam boiler with an MAWP of 15 psi and a heat input of 900,000 Btu/hr. must have a set pressure no higher than \_\_\_\_\_ psi and a relieving capacity not less than \_\_\_\_\_?
20. When must a pressure reducing valve be installed in the water supply line of an ASME stamped water heater?

**LICENSE QUESTIONNAIRE - HIGH PRESSURE (SECTION VIII)**

Answer All Questions on Front and Back of Questionnaire

1. All new pressure vessels, unless otherwise exempt, to be operated in this jurisdiction shall be designed, constructed, inspected, stamped and installed in accordance with what code?
  
  
  
  
  
  
  
  
  
  
2. What national standards pertaining to pressure vessels have been adopted by the State of Oklahoma?
  
  
  
  
  
  
  
  
  
  
3. While performing shop repairs to a pressure vessel, you notice that the state serial number 267572 is preceded and followed by three X's.
  - A. What does this system of markings indicate?
  
  
  
  
  
  
  
  
  
  
  - B. May this vessel continue to be used in the state of Oklahoma?
  
  
  
  
  
  
  
  
  
  
4. Must used or second-hand pressure vessels be inspected by an inspector authorized by the State of Oklahoma prior to being used in Oklahoma?
  
  
  
  
  
  
  
  
  
  
5. When a stationary pressure vessel is moved from one location and reinstalled at another, must this vessel be inspected?

6. What section of the Oklahoma Boiler and Pressure Vessel Safety Act explains the inspection requirements when welded repairs or alterations are performed to a pressure vessel?
  
  
  
  
  
  
  
  
  
  
7. Who is authorized to repair safety or safety relief valves?
  
  
  
  
  
  
  
  
  
  
8. What code shall be used to determine the maximum allowable working pressure for a standard pressure vessel?
  
  
  
  
  
  
  
  
  
  
9. When multiple pressure relieving devices are installed on a pressure vessel, what should the opening pressure of the lowest set device be?
  
  
  
  
  
  
  
  
  
  
10. Does an Oklahoma license to repair, service and install Section VIII pressure vessels authorize an organization to perform welded repairs on pressure vessels?