



STATE OF HAWAII  
DEPARTMENT OF LABOR AND INDUSTRIAL RELATIONS  
HAWAII OCCUPATIONAL SAFETY & HEALTH DIVISION  
BOILER AND ELEVATOR INSPECTION BRANCH  
830 Punchbowl Street, Room 425, Honolulu, Hawaii 96813

**INSTRUCTION SHEET FOR APPLICATION FOR INSTALLATION PERMIT**

**Instructions:**

Please completely fill out the **APPLICATION FOR INSTALLATION PERMIT**.

Remember to sign and date the form before submitting it.

**Delivery Information**

**Delivery by U.S. Mail or In-Person**

Department of Labor and Industrial Relations  
Hawaii Occupational Safety & Health Division  
Boiler and Elevator Inspection Branch  
830 Punchbowl Street, Room 425, Honolulu, Hawaii 96813



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**APPLICATION FOR INSTALLATION PERMIT**

Project / Location Name		Application Date	
Project / Location Address		City	State      Zip Code
Phone No.	Location e-mail ( if available)		
Name of Installer (If other than the applicant)		Installer e-mail	
Address of Installer		City	State      Zip Code
C-4 License No.		Expiration Date	
Contact Person at Site	Position/Company		Phone No.
1. Are all minimum clearances met (see page 3)? <input type="checkbox"/> Yes <input type="checkbox"/> No    If no, please state reason(s):			
2. Is there any other boiler or pressure vessel at this project address? <input type="checkbox"/> Yes <input type="checkbox"/> No			
3. HAW / HHB / HPV No. or National Board No. of object to be replaced			
4. Disposition of object to be replaced (name, address and phone no. of new owner/user)			
Type of Object	Application Fee	Quantity	National Board.No.
	Installation Fee		
<b>1. Power Boiler (&gt;15 psi)</b> a) over 3000 sq.ft.	\$1650.00 each		
b) >500, <3000 sq.ft.	\$650.00 each		
c) less than 500 sq.ft.	\$450.00 each		
d) Mini Electric	\$300.00 each		
<b>2. Heating Boiler</b> (water heater, 15# steam, etc.)	\$300.00 each		
<b>3. Pressure Vessel</b> (air/hot water tank, etc.)	\$225.00 each		
<b>4. Sterilizer/Kettle</b> (unfired)	\$225.00 each		

# APPLICATION FOR INSTALLATION PERMIT

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## GUIDELINES

1. C-4 License is not required for the installation of an air tank or hot water storage tank.
2. The Boiler & Pressure Vessel Inspection Section shall be notified upon relocation, transfer of ownership, or sale of the above pressure retaining item, as required by law.
3. If the pressure retaining item is for personal use, disregard numbers 5, 6, and 7 below.
4. Provide the National Board Number of the pressure retaining item.
5. Obtain a copy of the Manufacturer's Data Report (MDR) and attach it to this application.
6. A layout / drawing showing all the clearances around the pressure retaining item shall accompany this application.
7. Determine the total application fee from the above table and make check payable to: **Director, Budget & Finance**.
8. The application will not be processed unless the application fee is received. **Your Canceled Check Is Your Receipt.**
9. Mail application and check to: State of Hawaii, Department of Labor and Industrial Relation, HIOSH / Boiler and Elevator Inspection Branch, 830 Punchbowl Street, Rm. 425, Honolulu, HI 96813

***BY SIGNING BELOW, THE APPLICANT ACCEPTS THE RESPONSIBILITY OF ASSURING THAT THE PROPOSED INSTALLATION PROJECT MEETS ALL THE REQUIREMENTS OF THE HAWAII ADMINISTRATIVE RULES.***

### **Applicant**

Company Name			
Company Address		City	State
Signature	Position/Title		
C-4 License No.	Expiration Date		

FOR DEPARTMENT USE ONLY	
Approved by	Inspection Date
Permit No.	By
Date	
Comments	

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# APPLICATION FOR INSTALLATION PERMIT

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## MINIMUM CLEARANCES

All boilers and pressure vessels shall have an ASME/NB certified pressure relief valve that is rated for the appropriate service. The set pressure of the pressure relief valve shall be equal to or below the Maximum Allowable Working Pressure (MAWP) of the vessel.

### **Pressure Vessels:** *(see Hawaii Administrative Rules 12-220-2.1 (c) for exemptions)*

Clearance requirements - 5 feet from the manways; 3 feet from the handholes and inspection openings; 18 inches from the vessel to the nearest permanent structure.

#### **For air, nitrogen and other gas service:**

Typical size - any vessel greater than 5 cubic feet in volume or 37.4 gallons.  
Minimum pressure gage range - 1.5 times the pressure relief valve setting.  
Maximum pressure gage range - 3 times the pressure relief valve setting. PVC plastic piping is prohibited.

#### **For hot water service:**

Typical Size - any vessel greater than 120 gallons volume capacity.  
1 thermometer and 1 pressure gage or a combination temperature/pressure gage. Minimum pressure gage range - 1.5 times the maximum allowable working pressure. Maximum pressure gage range - 3 times the maximum allowable working pressure.

## **Heating Boilers and Water Heaters**

Clearance requirements - 5 feet from the manways; 3 feet from the handholes and operating controls; 3 feet from the vessel to the nearest permanent structure.

#### **For hot water service:**

1 thermometer and 1 pressure gage or a combination temperature/pressure gage.  
Minimum pressure gage range - 1.5 times the maximum allowable working pressure.  
Maximum pressure gage range - 3 times the maximum allowable working pressure.

#### **For Water Heaters:** (must comply with ASME Section IV)

Gas fired - greater than 200,000 Btu/hr heat input.  
Oil fired - greater than 0.024 gpm or 1.43 gallons/hour.  
Electric fired - greater than 58.6 KW heat input.

#### **For low pressure steam service (0 - 15 psi):**

Minimum pressure gage range - 0-30 psi.  
Maximum pressure gage range - 0-60 psi.

## **Power Boilers**

Clearance requirements - 3 feet on all sides; 5 feet from the manway; 4 feet between multiple boilers; 7 feet above top opening manway.

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