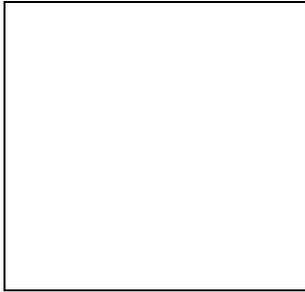


# BOILER/PRESSURE VESSEL VARIANCE FORM



STATE OF MAINE  
 DEPARTMENT OF PROFESSIONAL & FINANCIAL  
 REGULATION  
 OFFICE OF LICENSING AND REGISTRATION  
**BOARD OF BOILERS & PRESSURE VESSELS**  
 35 STATE HOUSE STATION  
 AUGUSTA, ME 04333  
 TEL: (207)624-8606 FAX: (207)624-8637  
 HEARING IMPAIRED: (207)624-8563

Office Use Only
Cash #: _____
Date Approved: _____
License #: _____
Date Issued: _____
<b>4520 – 1450 \$100.00</b>

## FEE: \$100.00 IN CHECK/MONEY ORDER/CREDIT CARD PAYMENT

<b>PAYMENT OPTIONS:</b>	<input type="checkbox"/> Check or Money Order Payable to "Treasurer State of Maine".
	<input type="checkbox"/> Credit Card: MasterCard or VISA Only. Complete the following:
I authorize the State of Maine, Department of Professional & Financial Regulation, Office of Licensing & Registration to charge my MasterCard/VISA <input type="text"/> - <input type="text"/> - <input type="text"/> - <input type="text"/> Exp. Date ____/____	
in the amount of \$_____. Signature _____	

## PERSON/COMPANY REQUESTING VARIANCE

Name: _____		
Address: _____		
City: _____	State: _____	Zip Code: _____
Contact Person: _____		Telephone: (____) _____ - _____

## BOILER/PRESSURE VESSEL OWNER INFORMATION

Name: _____		
Address: _____		
City: _____	State: _____	Zip Code: _____
Contact Person: _____		Telephone: (____) _____ - _____

## EQUIPMENT INFORMATION

<input type="checkbox"/> New <input type="checkbox"/> Used	<input type="checkbox"/> Boiler <input type="checkbox"/> Power <input type="checkbox"/> Process <input type="checkbox"/> Heating	<input type="checkbox"/> Pressure Vessel  Use: _____	
Manufacturer: _____	Code of Construction: _____	National Board #: _____	Jurisdictional #: _____

### LOCATION OF EQUIPMENT

Specific Location in Plant:		
Users Name at Location:		
Address:		
City:	State:	Zip Code:
Contact Person:	Telephone: (____) _____ - _____	

### VARIANCE REQUEST

Deviation from Rule/Standard:
Reason for Deviation:

<input type="checkbox"/> Approved <input type="checkbox"/> Denied	For Office Use Only
Comments:	

### CHECKLIST:

- ✓ COMPLETED APPLICATION FORM
- ✓ PAYMENT OF \$100.00

The following standard information must be provided when a variance request is submitted to the Board of Boilers and Pressure Vessels regarding reduced attendance requirements.

Please address or provide the following information regarding the operation and attendance of the boilers at your plant.

1. An acceptance letter from the boiler inspector responsible for the certificate inspection of the boiler plant.
2. Describe how the plant will fail safe to prevent the boiler from causing damage.
3. Provide the operational schedule and use of the boiler
4. Describe the level of automation of your plant to include but not limited to:

The boiler shall be continuously monitored by an energy management program or computerized operating program. Provide a description of the system's capabilities in relation to boiler operation. Any abnormal condition must notify a licensed individual who can respond within a specified period of time. (It should be based on the time it takes for the boiler to go from a safe condition to a dangerous condition. Justify your reasoning on the time frame permitted to respond.)

At a minimum this would be the combustion control system, steam pressure or water temperature (as appropriate) and water level. The system should be able to trend the information.(steam flow and feed flow are correlated, fuel flow matches output etc.) Boiler systems work fine until there is a problem, but that problem may escalate into a catastrophe. I recommend adequate redundancy in whatever system is installed.

Parameters monitored

Setpoints that control boiler operation.

What actions of the system when setpoints are reached.

5. Provide information on staffing levels.
  - Number of licensed stationary steam engineers
  - Normal, holiday, abnormal conditions
  - How long it takes staff to respond to a call from the boiler control system
  - Written standard procedures shall be promulgated by the engineer in charge that delineate watch standing responsibilities for the operator during the daily operational checks.
6. Describe the operational history using the system proposed for acceptance.
7. Develop and present a preventative maintenance and testing program for your boiler plant to ensure proper operation of the controls. At a minimum, CSD-1 recommended standards must be met.
8. Address fire prevention issue associated with the boiler plant.