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

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

PAYMENT OPTIONS: ☐ Check or Money Order Payable to “Treasurer State of Maine”.
☐ 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 [_______] - [_______] - [_______] - [_______] 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

☐ New  ☐ Used
☐ Boiler  ☐ Power
☐ Process  ☐ Heating
☐ Pressure Vessel

Use: _______________________
Manufacturer: [_______]
Code of Construction: [_______]
National Board #: [_______]
Jurisdictional #: [_______]

-- OVER --
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:

☑ Approved  ☐ Denied

Comments:

CHECKLIST:

☑ COMPLETED APPLICATION FORM
☑ PAYMENT OF $100.00

For Office Use Only
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.