

GUIDE FOR USE IN PREPARING THE STATE OF MAINE REPORT OF FIELD INSTALLED MECHANICALLY ASSEMBLED PIPING

This guide was prepared to assist you in properly documenting and reporting the repair/replacement of field installed mechanically assembled piping on power boilers. It is strongly recommended that you become familiar with the information contained in the Board of Boilers and Pressure Vessels Rules, Chapter 15 - Repairs and Alterations.

This form shall be used to document all repairs/replacement of mechanically assembled piping on power boilers.

All repairs/replacement of mechanically assembled piping defined as a major boiler system shall be completed by an "R" certificate holder. Other piping repairs/ replacement located within the code boundary may be performed under the supervision of the Engineer in Charge. The boiler owner is responsible for submitting the "Report of field installed mechanically assembled piping" to the following address:

Board of Boilers and Pressure Vessels
35 State House Station
Augusta, ME 04333

The following correspond to the line items on the mechanical repair form.

1. List the name and address of the company who completed the work. This may be an "R" certificate holder, mechanical contractor or an employee of the company that owns the boiler, depending on the scope of the work being performed. Additionally list any Purchase Order #, Job #, or other tracking # that may have been used, as applicable.
2. List the name and address of the boiler owner.
3. List the name and address of the location of the boiler. This may be the same as the boiler owner.
4. List Unit Identification and the boiler manufacturer.
 - a. *Example: Fire tube boiler, Cleaver Brooks.*
5. List all identifying numbers. These can be found on the manufacturer data plate and/or the boiler stamping.
6. List the original code of construction.
 - a. *Example: ASME, Boiler and Pressure Vessel Code, Section I, 2000 edition 2002 addenda. This can be found on the manufacturer data report for the boiler.*
7. List date work performed. If the work was accomplished over multiple days, this date should be the date the Hydrostatic test was accomplished.
8. List description of Work, Pressure test, MAWP, gage calibration date.

- a. *Example: Replaced the lower sensing line piping for the gage glass, including the T fitting and pipe cap. The pressure test must be completed at a pressure at least 80 percent of the boiler MAWP. The MAWP can be found on the boiler manufacturer's data plate or stamping. Additionally, the pressure gage used during the test must be calibrated.*

9. List replacement parts.

- a. *Example: 1 inch NPS, schedule 40, SA 105 pipe, 1 inch NPS SA 278 "T" fitting with cap. Only code accepted material may be used. When submitting the repair form, you must attach a copy of the purchase order and the Material test report(s) (MTR). This will allow material traceability. The MTR(s) will be furnished by the parts supplier.*

10. List any remarks that you feel are appropriate.

The Compliance Statement section shall be filled out as follows: The Engineer-In-Charge will spell out his name on the top line. The date will be the date the form was signed. Name the repair organization as appropriate. Remember this may be an "R" certificate holder, mechanical contractor or the boiler owner, depending on the scope of the work. This signature will be the representative of the repair organization. The Engineer-in-Charge will sign the form and list his/her license number. The Engineer-in-Charge is responsible for the supervision of all repairs regardless of who performs the repairs.

The Inspection Statement section shall be filled out as follows: The commissioned inspector shall spell out his/her name on the top line. The inspector shall list his employer and date the work was inspected. The inspector shall date, sign and list his/her commission numbers - both the National Board and the State of Maine. The Commissioned inspector shall be employed by the company that writes the boiler insurance. For companies that do not have boiler insurance, the State of Maine will perform the duties of the Commissioned Inspector. The level of involvement by the commissioned inspector will be dictated by the complexity of the repairs. As a minimum, he/she will review the work package. Indicate in the remarks section the extent of involvement with the repair.

STATE OF MAINE
REPORT OF FIELD INSTALLED MECHANICALLY ASSEMBLED PIPING

- =====
1. Work performed by _____
(name of repair organization) (Tracking #) _____

(address) (P.O. No. Job No. etc) _____
2. Owner _____
(name) _____

(address) _____
3. Location of installation _____
(name) _____

(address) _____
4. Unit identification _____ Name of original manufacturer _____
(boiler) _____
5. Identifying nos: _____
(mfg serial no.) (National Board No.) (jurisdiction no.) (other) (year built)
6. Original Code of Construction for Item: _____
(name/section/division) (edition/addenda)
7. Date of Work: _____
8. Description of work: _____
(use supplemental sheet, if necessary) _____

9. Pressure Test, _____ psi MAWP _____ psi Gage Calibration Date: _____
Replacement Parts. _____

(name of part, item number, data report type, mfg's. name and identifying stamp) _____

10. Remarks: _____

COMPLIANCE STATEMENT

I, _____, certify that to the best of my knowledge and belief the statements on this form are correct and that all material, construction and workmanship on this repair conforms to Maine rules.

Date _____ Signed _____
(Name of Repair Organization) (Authorized Representative)

Signature: _____ License #: _____
(Engineer in Charge)

INSPECTION STATEMENT

I, _____, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and certificate of competency issued by the jurisdiction of Maine and employed by _____ of _____ have inspected the work described in this report on _____ and state that to the best of my knowledge and belief this work complies with the applicable requirements of the Maine rules.

By signing this form, neither the undersigned nor my employer makes any warranty, expressed or implied, concerning the work described in this report. Furthermore, neither the undersigned nor my employer shall be liable in any manner for any personal injury, property damage or loss of any kind arising from or connected with this inspection.

Date _____ Signed _____ Commissions _____
(inspector) (National Board and jurisdiction no.)