

Responsibilities

Manitoba Steam and Pressure Plants Act and Regulation Manitoba Power Engineers Act and Regulation

The **EQUIPMENT OWNER** is responsible to

- Ensure that you maintain and operate your boiler, pressure vessel, or refrigeration equipment in a safe manner.
- Identify whether your boiler or plant falls within the scope of the Manitoba Steam and Pressure Plants Act.
- Identify whether your boiler or plant falls within the scope of the Manitoba Power Engineers Act and Regulation.
- Ensure that regulated boilers, pressure vessels, or refrigeration equipment DOES NOT OPERATE unless it valid certificate issued by the Mechanical and Engineering Branch.
- Contact Mechanical and Engineering to arrange an inspection appointment about one month prior to the certificate expiry date. Most often, the Branch will contact you; usually with a letter to inform you of the date of your boiler's inspection. If you don't receive a letter of notification, you must contact the Branch to arrange an inspection appointment.
- Provide access to the boiler on the appointed inspection date. If you miss a scheduled appointment, you will be charged a \$95 re-inspection fee. Missed appointments are the single most significant barrier to making the boiler inspection system run efficiently. It is a simple matter to re-schedule an inspection appointment. If the Branch sets an inspection date that is not convenient for you, call to re-schedule for a time that works better.
- Ensure that any work order issued by an inspector is completed. If you disagree with a work order you have the right to appeal it, but you must not neglect it. The safety of those who come in contact with your boiler (tenants, workers, and the general public) depends on your responsible action.
- Hire only properly licenced gas/oil fitters to do work on a boiler's burner or gas train components; hiring a properly certified repair company or individual to oversee repair of pressure components.
- If you plan to sell a boiler or pressure vessel, the commercial/industrial enterprise that contains a boiler or pressure vessel, you must ensure that the equipment has been issued a valid certificate or that a Mechanical and Engineering inspector has tagged it out of service.
- Whether buying or selling a boiler or pressure vessel, or the commercial/industrial enterprise that contains a boiler or pressure vessel, you must notify the Mechanical and Engineering Branch of the name and address of the vendor and the name and address of the new owner.
- Provide your plant with a copy of the Manitoba Steam and Pressure Plants Act and Regulation, and the Power Engineers Act and Regulation, per requirements of the Power Engineers Regulation Section 6 (8).

The **EQUIPMENT INSTALLER** is responsible to:

- Know the requirements for certification, inspection and trades person licencing described under the three pieces of legislation that pertain to the installation of fuel-fired pressure equipment: *The Manitoba Steam and Pressure Plants Act*, *The Manitoba Power Engineers Act* and *The Manitoba Gas and Oil Burner Act*.

- Ensure that all work done is completed by a properly licenced individual, is done with a high degree of professional integrity, and is done in compliance with all relevant codes or standards.
- Ensure that all installation work is done under a valid Manitoba Certificate of Authorization or other accepted Quality Control Program certification.
- Regardless of size of the installation job, ensuring that in all phases work complies with the company's quality control manual. The quality control manual is the set of procedures your company follows to ensure only code-compliant material and work methods are used. The Mechanical and Engineering Branch issues you Certificate of Authority on the strength of your manual, and audits the use of the procedures every three years before renewing your Certification of Authority.
- Prior to beginning work: ensuring that you have obtained a Permit to Install Gas/Oil Burning Equipment from the Manitoba Mechanical and Engineering Branch. You will not be issued a Gas Permit to install a regulated boiler unless you have a valid Certificate of Authorization number.
- Prior to beginning work: forwarding the district inspector the "traveler" for your installation. You must clear any "hold points" with the inspector. ("Hold Point": depending on the job, the inspector may want to see the work at various stages as the job progresses. For instance, he or she may want to visually inspect welded joints before they are covered by insulation, or may want to see a hydrostatic test on the system. Your job traveler describes each stage of work, and the inspector will indicate where he or she will come for inspection. There is **ALWAYS** a hold point on start-up. Clarify all hold points with your inspector, and work together with him or her to make inspection appointments that will not slow the progress of your work.
- Ensure you know and complete all certification requirements when commissioning a newly-installed boiler.

The **EQUIPMENT/PIPING DESIGNER, MANUFACTURER AND REPAIR ORGANIZATION** is responsible to:

- Maintaining a valid Manitoba Certificate of Authorization to manufacture and assemble boilers and other pressure equipment/pressure piping, issued by the Manitoba Mechanical and Engineering Branch; or maintaining comparable Quality Control Certification issued by another approval agency recognized by Mechanical and Engineering as having authority in the field of pressure equipment quality control.
- Ensuring that all equipment designs and construction procedures meet construction codes adopted under the Steam and Pressure Plants Act.
- Registering the design of every piece of equipment intended for service in Manitoba with the Mechanical and Engineering Branch.
- Filing the Manufacturer's Data Report for every piece of equipment intended for service in Manitoba with the Mechanical and Engineering Branch.
- Notifying the Mechanical and Engineering Branch when code amendments or design changes render an existing registered design invalid or out-of-use.
- Ensuring that repairs to pressure equipment are done in accordance with a valid Manitoba Certificate of Authorization OR that weld repairs that are designated as "Repairs of a Routine Nature" are completed in accordance with proper procedure.
- Remitting fees for service promptly.

The **POWER ENGINEER** is responsible to:

- Operate the boiler(s) under your charge after a valid operating certificate has been issued by the Mechanical and Engineering Branch.
- Operate only those plants within the authority of your certification.

- Provide constant supervision for the plant in your charge, per the Power Engineers Regulation.
- Maintain a written daily log of plant checks, tests, abnormal conditions and operating orders issued pertaining to the plant.
- Act to promptly rectify any unsafe condition, and to report to the Mechanical and Engineering any unsafe condition that goes un-rectified beyond a reasonable length of time.

The **INSPECTOR** is responsible to:

An inspector who inspects a plan that is regulated under the Manitoba Steam and Pressure Plants Act and Regulation/the Manitoba Power Engineers Act and Regulation is responsible to:

- Provide a high degree of technical expertise relating to safe operation of steam and other pressure plants.
- Provide a high degree knowledge and understanding of the legislation and code requirements that regulate steam and pressure plants.
- Conduct inspections thoroughly, impartially, and with professionalism.