

Boiler and Pressure Vessel Design Survey Inspector

Within the Codes and Standards Compliance Office the Design Survey Inspector will:

- review boiler, pressure vessel, pressure fitting and pressure piping design drawings submitted by manufacturers and designers for compliance with the provincial regulations and the adopted ASME, ANSI and CSA codes
- apply engineering design rules and mathematical formulae to verify code requirements in order to authorize equipment manufacture for acceptance and installation in Saskatchewan
- provide technical resource and advice to Inspectors in the boiler and pressure vessel safety and inspection program

To qualify for this position you must have either:

- a degree in Mechanical Engineering (or equivalent);
- a First or Second Class Power Engineer's Certificate; or
- a diploma in Engineering Technology

Plus experience in boiler and pressure vessel design, fabrication, operation and/or inspection.

You will have the National Board of Boiler and Pressure Vessel Inspectors In-service Inspector Commission designation and the National Board of Boiler and Pressure Vessel Inspectors New Construction Commission endorsement or be willing to obtain them within a reasonable amount of time.

You will have knowledge of:

- codes and regulations such as CSA Standards, ASME and NBIC codes;
- the design, construction, materials, components, operation, maintenance, inspection and testing of a broad range of pressurized equipment and systems; and
- methods of non-destructive examination, heat treatment, and welding methods and techniques

You will have the demonstrated ability to:

- accurately interpret, comprehend and apply regulations, program policies, codes, standards and guidelines;
- appropriately examine and assess technical blueprints and drawings according to established codes and standards;
- effectively communicate, both verbally and in writing to a variety of individuals, in order ensure regulatory compliance;
- actively listen, acknowledge concerns, provide explanations and options to diffuse or resolve difficult situations with people in a calm and courteous manner;
- organize and prioritize your workload to respond to changing priorities and demands;
- work independently and in a team environment to complete required tasks and accomplish work goals; and
- accurately perform mathematical calculations related to engineering designs and specifications

You will be:

- thorough to ensure proper compliance with the legislation and codes; and
- assertive in communicating firm decisions to client groups

Occasional travel may be required in this position.

Position: Boiler and Pressure Vessel Design Survey Inspector
Level: 9RBP
Location: Regina
Salary Range: \$35.769/hour - \$43.519/hour

Please submit resume and cover letter indicating you are applying to the Design Survey Inspector position to:

Technical Safety Authority
Human Resources
330-1855 Victoria Avenue
Regina, SK S4P 3T2
FAX: (306) 787-9237
Email: hr@tsask.ca

**Technical
Safety Authority
of Saskatchewan**

The Authority appreciates all applications. Only those persons whose application the Authority wishes to consider will be contacted regarding this position.