



SAFETY INFORMATION BULLETIN: SB02-02, Rev. 1

April 24, 2003

Requirements for Manufacturers and Installers of Pressure Piping Parts and Systems

Scope

These requirements are provided for those applicants who wish to obtain a Technical Standards and Safety Authority (TSSA) Boilers and Pressure Vessels Safety (B&PVS) Certificate of Authorisation for the Manufacture or Installation of Pressure Piping Parts and Systems. An organisation may qualify a program for Ontario only, by following the requirements described in this document. The issue of this Certificate of Authorisation is available to companies whose scope of business includes the Manufacture or Installation of pressure piping parts and systems and other organisations that qualify in accordance with these rules.

This program satisfies the requirements of CSA-B51, Part 1.

Obtaining or Renewing a Certificate

Manufacturers or Installers of pressure piping parts and systems regulated under the Technical Standards and Safety Act, Boilers and Pressure Vessels Regulation in Ontario may apply to the TSSA B&PVSD for a Certificate of Authorisation. Application forms may be obtained from TSSA. When an applicant has plants or shops in more than one location, the applicant shall submit separate applications for each plant or shop. The applicant may manufacture or install piping parts or systems in its plants, shops, or in the field, provided such operations are described in the applicant's Quality Program.

An applicant for a TSSA Certificate of Authorisation shall have and maintain a written Quality System in the form of a Quality System manual. The System shall meet the requirements of the TSSA checklist for Accreditation of Manufacturers and Installers of Pressure Piping Parts and Systems. The Quality System may be brief or voluminous, depending on the circumstances. It shall be available for review by TSSA staff at any time. Copies of the manual shall be made available to TSSA in advance of a planned survey date.

The applicant's facilities are subject to a survey of the Quality Program, which shall be demonstrated to the satisfaction of a TSSA B&PVS survey team. This demonstration shall be performed on a work sample representative of the type of piping or piping part manufacture or installation that the applicant intends to perform.

Upon acceptance of the Quality Program and payment of administrative fees, a Certificate of Authorisation will be issued expiring on the triennial anniversary of the date of the Quality System review.

Renewal of Certificate

The Certificate of Authorisation is renewable every three years subject to a further survey and acceptance of the Quality Program by a designated representative of the TSSA B&PVS. Application for renewal shall be made at least three months prior to the expiration date of the Certificate of Authorisation.

Survey of Applicants Facility

The TSSA survey team shall conduct an evaluation of the applicant's Quality System. The organisation shall demonstrate sufficient implementation of the Quality System to provide evidence of the organisation's knowledge of welding, nondestructive examination, postweld heat treatment and other repair or alteration activities performed, appropriate for the requested scope of work. The demonstration may be performed using current work, a demonstration mock up, or a combination of both.

A recommendation to issue, renew, or withhold the Certificate of Authorisation will be included in the TSSA survey report which will be forwarded to the TSSA Head Office for review and approval. The TSSA reserves the absolute right to cancel, refuse to issue or renew such authorization where there is a valid reason for doing so.

The applicant shall have available for review the latest edition and addenda of the ASME B31.1, 31.3, 31.5, or CSA-Z305 Piping Codes or Standards applicable to the TSSA Pressure Piping Certificate(s) of Authorisation requested.

Changes to Requirements

The TSSA may at any time make changes to the rules for the issue of Certificates of Authorisation. Such changes to the rules shall become binding on all certificate holders.

For further information contact:

Technical Standards and Safety Authority
Boilers and Pressure Vessels Safety
3300 Bloor Street West
4th Floor, West Tower
Etobicoke
Ontario M8X 2X4
Tel: 416.325.0767