



Boilers & Pressure Vessels Code Adoption Document Summary of Changes

Amendments to Boilers & Pressure Vessels Code Adoption Document (CAD) 2025

TSSA is proposing a revision to the current BPV Code Adoption Document (BPV-25-01). The BPV CAD is adopted by reference in O. Reg 220/01 Boilers and Pressure Vessels. The CAD adopts two main national safety codes into regulation CSA B51 and CSA B52. This revision proposes the following errata, clarification and one technical change.

Summary of Changes

The table below highlights the proposed revision changes to the current version of BPV Code Adoption Document:

#	Revision Details	Revision type	Rationale
1	Add note 3 to Section 1.50 Table 5: 3. Hot water storage tanks can be considered under hot water heating boilers in section 1.50.	Errata	This note was in BPV-20-01 R1 and has been omitted in BPV-24-01 by mistake
2	Revise section 1.8 to the following: 1.8 Clause 4.1.2.1 is amended by adding the following at the end of the existing clause: Manufacturers of fittings (except Category G) holding a current certificate for CSA N299 series of standards categories 1, 2 or 3, ISO 9001 or CAN/CSA-ISO 9001 for the range of products being manufactured shall also be deemed to have a satisfactory quality control system in operation. <i>Additional notes to CAD Amendment:</i> <i>Fitting manufacturers holding current certificates for CSA N299 series of standards categories 1, 2 or 3, ISO 9001 or CAN/CSA-ISO 9001 for the manufacture of fittings, are accepted by TSSA without further review or issuance of certificates of authorization.</i>	Errata	In BPV-25-01 Section 1.8, Clause 4.1.2.1 was revoked by mistake. It should be amended and not revoked.
3	Add an additional section after the existing 2.6 2.7 Clause 5.7.2.1 is amended by adding the following at the end of the existing clause: Unlisted materials acceptable under ASME B31.5 523.1.2 are considered an acceptable option.	Technical change	Clause 5.7.2.1 of CSA B52 is being revised to align with ASME B31.5 requirements.
4	Revise current 1.3 Clause 2 reference to the National Board of Boiler and Pressure Vessel Inspectors publication adding two additional notes: NB-18 Pressure Relief Device Certifications ANSI/NB 23 <i>National Board Inspection Code</i> <i>Note 1: ANSI/NB 23 Part 3 paragraph 3.4.2 is revoked.</i> <i>Note 2: ANSI/NB 23 Part 3 paragraph 3.4.3.2 routine repairs are not accepted to TSSA.</i> <i>Note 3: ANSI/NB 23 Part 3 paragraph 3.4.3.3 replacement of material described under 3.4.3.3 s) when replacement material has</i>	Clarification	Note 2 clarifies TSSA's position on routine repairs, which require jurisdictional acceptance. Adding it in CAD helps reduce individual inquiries. Note 3 reflects a change in the 2025 edition of the code that differs from previously established requirements.



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	<p><i>different P number than material per original design is considered alterations.</i></p> <p><i>Note 2 4: For discrepancies between ANSI/NB 23 requirements and CSA B51, the CSA B51 requirements shall prevail.</i></p>		The addition of both notes is intended to clarify TSSA's position and does not change its requirements.
5	<p>Add an additional section between the existing 1.39 and 1.40.</p> <p>1.40 Clause 7.2.3.2.2 a) is revoked and substituted with the following:</p> <p>a) Buried pressure vessel installations shall be designed to meet the requirements of this clause and Clause 7.4.1.3. Design documentation shall be available to the TSSA inspector during the installation inspection.</p>	Clarification	This change is to clarify when and to how documentation should be provided to TSSA. This is not introducing or modifying code rules or requirement.
6	<p>We need to change 1.6:</p> <p>1.6 Clause 4.1.1.4 is amended by adding the following at the end of the existing clause:</p> <p>The requirements for obtaining a TSSA Certificate of Authorization for repairs and modifications (including alteration) for a boiler, pressure vessel, fitting, fired-heater pressure coil, or piping is posted on the TSSA website: https://www.tssa.org/certificate-authorization</p>	Clarification	Added "(including alteration)" in response to questions from industry for clarification.
7	<p>In 1.3 note on end of CSA Group section need to read:</p> <p><i>Note clause 8-3 6.3.3 and Technical Standards and Safety Authority authorized inspector instructions for piping inspection supersedes instructions for pressure testing in CSA Z7396.1, such as clauses 12 and B.1.</i></p>	Errata	Clause number change in new B51 corrected.