**Information Bulletin No. IB24-008** **October 10, 2024**

# INTERPRETATION
# Requirements for Engineered Pressure Enclosures

This Information Bulletin replaces IB21-003 which has been withdrawn.

This Information Bulletin establishes that the installation of an Engineered Pressure Enclosure (EPE) to stop a leak or to reinforce a thin area in pressure equipment is deemed to be an alteration; and establishes implementation requirements to be met to obtain design registration for an EPE installation.

## Interpretation Section 40(4)

> *Section 40(4)" An owner of pressure equipment that is to be altered must ensure that the alteration design is registered by the Administrator, in accordance with section 14, prior to the commencement of the alteration."*

The installation of an EPE to stop a leak or to reinforce a thin area in pressure equipment is deemed to be a type of alteration that requires design registration.

## Implementation

This Information Bulletin establishes ABSA Document AB-521, *Requirements for Engineered Pressure Enclosures*, Edition 3, Revision 0, issued on October 10, 2024 as a means of achieving compliance with Section 40(4) of the Pressure Equipment Safety Regulation.

AB-521 establishes the requirements for design, fabrication, installation, maintenance, monitoring, and removal of an EPE that must be met in order to obtain registration for the design and installation of an EPE on pressure equipment.

## Background

AB-521 provides information to assist industry in the development of an EPE design submission and provides a simplified process of achieving compliance with the provisions of the Pressure Equipment Safety Regulation for EPEs. AB-521 addresses a method for certain types of EPE designs to be registered through a streamlined acceptance process without applying for individual design review and registration. Annex A, *Quality Plan Requirements for an Alberta Owner-User RRIMR.*

*Procedure Submission* has been added to AB-521. This annex provides the requirements for the implementation of a Quality Plan of an RRIMR procedure. AB-521 affects all stakeholders that have involvement with EPEs such as owners, manufacturers, installers, inspection companies, and ABSA. Affected stakeholders should ensure that persons in their organizations, who are involved in design, fabrication, installation, maintenance, monitoring or removal of EPEs, understand and follow the relevant requirements included in AB-521. These organizations should review and update their quality management systems and supporting documentation as necessary to support conformity with the requirements specified in AB-521.

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