

Information Bulletin IB20-011 ~~Withdrawn 2021-10-29~~
Replaced by IB21-011

April 27, 2020

Integrity Management Systems for Mechanical Refrigeration Systems Containing Ammonia

As provided for under Section 37(b) of the Pressure Equipment Safety Regulation AR 49/2006 (PESR), owners of pressure equipment must have an integrity management system to ensure the design, construction, installation, operation, maintenance and decommissioning is conducted in accordance with the PESR.

This Information Bulletin is to establish that ABSA document AB-538 "*Integrity Management Requirements for Mechanical Refrigeration Systems Containing Ammonia*" specifies the minimum integrity management system requirements for owners of mechanical refrigeration systems containing ammonia.

The AB-538 document is primarily intended for ammonia refrigeration system in recreational facilities (rinks, arenas, etc.). It may be used in other facilities such as cold storage facilities. It is not meant to apply to industrial facilities related to the petrochemical or oil and gas industries, and does not supersede or replace any pressure equipment integrity management systems for which a Certificate of Authorization Permit has been issued pursuant to Section 11(3) of the PESR.

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