

Information Bulletin No. IB23-020

May 5, 2023

INTERPRETATION
Integrity Management Systems for
Mechanical Refrigeration Systems Containing Ammonia

This Information Bulletin replaces IB22-015 which has been withdrawn.

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*" Edition 2, Revision 0, issued 2023-05-05 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.

AB-538 has been re-issued with revisions as identified in its revision log.

<original signed by>

Djordje Srnic, M.Sc., P. Eng.
Administrator, Province of Alberta Pressure Equipment Safety
Chief Inspector, ABSA the pressure equipment safety authority