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DIRECTIVE

Registration of pressure vessel (accumulator) which forms part of a mechanical system on any rubber-tired, self propelled mobile mining equipment.

Background

Pursuant to the Pressure Equipment Exemption Order (AR56/2006) section 2(1): "The Safety Codes Act and the Pressure Equipment Safety Regulation do not apply to the following:

- (c) air brake systems subject to the Motor Vehicle Safety Regulations under the Motor Vehicle Safety Act (Canada);
- (d) air brake systems for off-road vehicles"

The Director of Inspection (Mines) of Alberta WHS Policy and Legislation has issued a Directive, under Section 573(2)(a) of the Occupational Health and Safety Code, noting that "*In order for any rubber-tired, self propelled machine equipped with a pressure vessel which forms part of the mechanical system to be approved by Workplace Health and Safety for the mines in Alberta, any pressure vessel which has not already received a Canadian Registration Number (CRN) by a regulatory authority (i.e. Alberta Boilers Safety Association, ABSA), needs to have a CRN from a regulatory authority to ensure the pressure vessels conform to the requirements of the regulated authority.*" and "*CRN issued by other jurisdictions will also satisfy this approval requirement*"

Directive

For design submissions for pressure vessels for use in air brake systems for off-road vehicles and similar applications as detailed under the WHS Directive, provided full compliance to provisions of the Pressure Equipment Safety Regulation (AR 49/2006) can be demonstrated, ABSA will register the designs and provide the necessary Canadian Registration Numbers for these designs as provided for under CSA B51-09 Code.

Readers are reminded that under the Pressure Equipment Safety Regulation, for the design registration, a pressure vessel manufacturer outside of Canada must hold a current Certification of Authorization issued by ASME for the product being manufactured and ensure that the pressure vessel is stamped with the appropriate ASME Code symbol stamp ('U' or 'UM') and registered with the National Board. When the manufacturer submit the application, the drawings must have complete design information, e.g. material specification, thickness, design conditions, etc., details of which are provided under PESR (AR49/2006) Section 15 and submission guidelines are also posted on ABSA's [website](#).

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