



ALFABS



Safety Alert 105 – Ambient Relief – 11-03-14

Safety Alert 105

Ambient Relief - Equipment Damage

This Safety Alert has been issued to inform the users of Alfabs Equipment the possible risk of damage to equipment or minor injury to personnel caused by the incorrect installation of the Ambient Relief Valve in Alfabs QDS Bolters.

Event

During the operation of a QDS Bolter onsite, the hydraulic heat exchanger failed. Upon investigation by the Owner of the bolter and Alfabs Mining Personnel, it was noted that the bolter inadvertently released a volume of high pressure hydraulic oil into the tank line of the bolter due to a possible collision of the mesh jack. This release of high pressure resulted in the heat exchanger exceeding normal than expected operating conditions. Upon further investigation, it was recognised that the ambient relief was incorrectly installed. The correct installation of the Ambient relief is designed to prevent equipment damage to the QDS Bolter and components (such as failure of the heat exchange) / Power Source, as well as possible injury to personnel.

Recommendations

Alfabs Mining is unaware of any other affected units and believes this a unique occurrence caused by incorrect installation procedures. Alfabs Mining urges a systematic inspection by End Users / Owners to ensure ambient relief of all QDS Bolters is correctly installed. Please refer to the following SWP for the correct installation of the Ambient Relief.

Notes

Please ensure all relevant personnel in your organisation receive a copy of this Safety Alert, and are informed of its contents and recommendations. This Safety Alert should be processed in a systematic manner through the mines information and communication process which should include being displayed on notice/information board.

For any questions or queries please contact

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