



# SAFETY ALERT

Doc No: SA-00043



<i>Machine:</i>	Support Shields	<i>Area:</i>	Hydraulic Hosing
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<i>Approved By:</i>		<i>Date:</i>	

<i>Distribution:</i>
All End Users

<i>Safety Alert Details:</i>
<p style="text-align: center;"><b>SHIELD TRANSPORT PREPARATION PROCEDURES</b></p> <p>This Safety Alert is released in addition to DBT Technical Bulletin BN-0245 released 5/10/2007.</p> <p>DBT has been notified of two recent occurrences at Customers sites where hydraulic hosing on Support Shields has been damaged during face relocations resulting in a release of hydraulic fluid under pressure.</p> <p>On each occasion investigations have identified 'shield preparation for transport' as a contributing factor to the incident.</p> <p>The potential for injury as a result of an unplanned or uncontrolled release of fluid under pressure during face moves is increased due to the higher than normal opportunities for damage to occur during these activities.</p> <p>DBT recommend that the following critical elements are included in all mine</p>



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documentation associated with shield removal and installation;

- KN valves, where fitted, are to be closed to prevent canopy tip movement during transport and storage.
- Inter-shield hoses, when looped, are positioned and secured away from the shield base structure (as identified in BN-0245) to minimise the opportunity for hose crush;
- Shield removal and installation is carried out using remote control to remove personnel from the immediate area whilst raising or lowering shield;
- Mine specific risk assessments are conducted for all activities associated with shield removal and installation.

*Comment:*