

No	Activity	Hazard	Person(s) in Danger	Control Measures	Residual Risk Rating
48	All work activities	<p><b>Pressurised Systems</b></p> <p>Risk of Stored Energy / Pressure from Water / Gas / Pneumatic Systems, Bursting out via Damaged or Faulty Pipe Work</p> <p>Back energising systems: Pumps, compressors, mechanical drives</p> <p>Potential for electrocution from back generation.</p> <p>Severe injury: from high pressure bursting of system components, mechanical action of system components in an uncontrolled environment.</p>	Employees and other contractors	<ul style="list-style-type: none"> <li>- Do not attempt carry out any work on part of a pipe systems unless you are trained and authorised and understand the controls being employed towards safe operation of the system</li> <li>- Be aware that even after a pressurised system has been isolated extremely high pressure can remain stored within.</li> <li>- Plan for and carry out controlled release of pressure through authorised procedures.</li> <li>- Ensure when pressure is released that this action cannot cause uncontrolled release of dust/dirt or other substances.</li> <li>- Be aware that pressure can build up again in some systems following the initial isolation and controlled release and take measure toward ensuring this is controlled or not likely to create any unsafe consequences.</li> <li>- Wherever appropriate locks and isolation tags/caution men working signs should be applied.</li> <li>- Wear appropriate Personal</li> </ul>	Low

				Protective Equipment (MTS minimum standards) and additional items if there is a likelihood of airborne substance from the release of pressurised substances.	
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