

Working with Pressure Systems.

No	Activity	Hazard	Person(s) in Danger	Control Measures	Residual Risk Rating
16	All work activities	<p>Pressurised Systems</p> <p>Risks 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, the mechanical action of system components in an uncontrolled environment.</p>	Employees Contractors Public Visitors	<ul style="list-style-type: none"> Do not carry out any work on the pipe system unless you are trained, authorised and understand the controls being used for the safe operation of the system. Be aware that after a pressurised system has been isolated extremely high pressure can remain stored within. Plan for and carry out controlled release of pressure through authorised procedures. Ensure you check the condition of all apparatus (including hoses) before, during and after work. Ensure when pressure is released that this action cannot cause an uncontrolled release of dust/dirt or other substances. Be aware that pressure can build up again in some systems following the initial isolation and controlled release and take measure to ensure this is controlled or not likely to create any unsafe consequences. Where appropriate locks and isolation tags/caution, men are working, signs must be applied. Appropriate Personal Protective Equipment (PPE) must be worn. 	Low