

No	Activity	Hazard	Person(s) in Danger	Control Measures	Residual Risk Rating
56	All activities	<p>Mechanical Forces</p> <p>Uncontrolled movement of parts caused by the release of stored energy from other systems/springs/gravitational forces</p> <p>Severe injury from moving steelwork, mechanical drives or attached components</p> <p>Eye damage following flying splinters from associated broken parts, Electrocution following back energising of connected generation / motors in situ</p>	Employees, Other Contractors and public	<ul style="list-style-type: none"> - Prior to carrying out any work on mechanical systems operatives must be trained to understand the forces at work their sources and means of preventing unplanned release of energy. - Stored energy in the form of springs should be discharged where practicable, otherwise screened or guarded against accidental release during work. - Prior to dismantling any component a risk assessment must be carried out to see if this impacts on other related systems and action taken where required to ensure this is controlled and does not impact on safety, - Where mechanical components, interlocks etc. have to be secured to prevent accidents or uncontrolled events then these must be locked off and tagged / secured with caution men working notices to prevent accidental release. - Appropriate Personal Protective Equipment must be worn taking into account disturbance of lying dust, debris and potential noise from 	Low

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