

Hazardous Energy



Objective

To prevent fatalities, eliminate or minimise the risk of injuries and incidents from work activities where there is the potential for a person to be exposed to any mechanical, hydraulic, pneumatic, electrical, thermal, or other energy (including stored energies) that can or has the potential to cause harm to people, equipment or the environment.

Requirements

At Haslin Constructions:

1. We conduct and document risk assessments to identify and eliminate reasonably foreseeable hazards associated with Hazardous Energy.
2. We ensure that all hazardous energy sources are identified, assessed, communicated, and factored into work activities.
3. We manage the risks to people through appropriate planning, communication, monitoring and review.
4. All energy sources and equipment are treated as live until tested for dead and made safe by a competent person.
5. Where we cannot eliminate the risks, effective and appropriate control measures are established, implemented, maintained, monitored and reviewed in line with the hierarchy of controls, including de-energisation, isolation or relocation of service.
6. Permit systems are always adhered to and we:
 - Confirm that all workers have completed the activity before releasing a permit.
 - Ensure all locks have been removed and permits relinquished.
 - Physically check to confirm the equipment is ready to be energised.
7. We de-energise all sources of hazardous energy:
 - Isolation points are tested, verified, locked out and tagged out
 - Disconnected or shut down engines or motors
 - De-energise electrical circuits
 - Block fluid (gas or liquid) flow in hydraulic or pneumatic systems
 - Block machine parts against motion
8. We block or dissipate all sources of stored energy:
 - Discharge capacitors
 - Release or block springs that are under compression or tension
 - Vent fluids from pressure vessels, tanks, or accumulators
9. We ensure that all identified safety features are installed, in working order and in use.
10. We ensure that plant/equipment under load or maintenance is physically separated from work performed for general operations.
11. We ensure that unauthorised personnel cannot enter locations where Lock Out activities are underway.
12. We restrict access to equipment during dead testing and if the equipment cannot be isolated.
13. We confirm that specific training requirements and competencies are current for roles that perform isolations.