

# Hazard Register



Type	ELECTRIC HOIST	Location	
Make	GENERIC	Sale Number	0
Model	GENERIC.	Lot Number	0
Serial Number			

ID	Hazard Type	Hazard Description
142904.2	Signage	SAFE WORKING LOAD LABEL SHOULD ALWAYS BE ATTACHED TO THE PLANT.
142904.3	Plant Operation	ATTACH OPERATING INSTRUCTIONS IN A CLEAR AND VISIBLE POSITION TO OPERATOR
142904.4	Falling Objects	ENSURE OBJECTS LIFTED BY HOIST ARE SECURED APPROPRIATELY TO PREVENT THE POTENTIAL FOR FALLING OBJECTS
142904.5	Plant Operation	CONDUCT AND DOCUMENT REGULAR ON-SITE INSPECTIONS OF THE PLANT CONDITION E.G. HYDRAULIC RAM AND OTHER MODIFICATIONS MADE TO THE PLANT
142904.6	Skills	PLANT SHOULD BE USED AND ACCESSED BY COMPETENT/SKILLED (OPERATOR) PERSONNEL ONLY.
142904.7	Plant Structure	ENSURE PLANT IS OPERATED AND MAINTAINED AS PER MANUFACTURER'S INSTRUCTION E.G. VERIFY/CONFIRM MODIFICATIONS TO THE PLANT PRIOR TO USE
142904.8	Electrical	PLANT NEEDS TO BE REGULARLY INSPECTED AND MAINTAINED AS PER AUSTRALIAN STANDARD: IN-SERVICE SAFETY INSPECTION AND TESTING OF ELECTRICAL EQUIPMENT, AND AUSTRALIAN STANDARD: WIRING RULES AND OR AUSTRALIAN STANDARD: ELECTRICAL EQUIPMENT OF INDUSTRIAL MACHINES.
142904.9	Manual Handling	DOCUMENT MANUAL HANDLING RISK ASSESSMENT OF ALL MANUAL HANDLING TASKS ASSOCIATED WITH THE PLANT
142904.10	Plant Operation	NO MAINTENANCE OR SERVICE RECORDS AVAILABLE, DOCUMENT REGULAR INSPECTION/MAINTENANCE FOR THE PLANT
142904.12	Controls	ATTACH CLEAR & VISIBLE LABELS IDENTIFYING ALL OPERATING CONTROLS.
142904.14	Crushing	Coming in contact with moving parts of the plant during testing, inspection, operation, maintenance, cleaning or repair

Health and Safety  
Plant Safety  
Purchaser Information

This plant health and safety information has been prepared by Grays for the purchaser of the plant item as required by National WHS Legislation. Whilst every effort has been made to identify all of the hazards, it should be recognised that all reasonably practicable hazards have been identified given due consideration to:

- state of knowledge about the plant item
- the availability and suitability of ways to eliminate or control the hazards
- the cost of evaluating, eliminating or controlling the hazard

Consequently, if this plant item is being purchased for use at a place of work, the purchaser is reminded of their obligations to involve and consult with employees in identifying foreseeable hazards, assess their risks and to take action to eliminate or control the risks.

In order to assess the risk, it is necessary to consider for all the identified hazards, the chance (likelihood) of something happening that would impact (consequence) on health and safety at the workplace. The following guidelines are provided to assist the purchaser in consistently carrying out an assessment of risk:

Likelihood	Consequences
<ul style="list-style-type: none"><li>• Frequency and duration of exposure</li><li>• Probability of occurrence of hazard or event (including part history of incidents)</li><li>• Possibility to avoid / minimize or limit the damage, impact or harm</li><li>• Reliability and effectiveness of existing / established systems of control</li></ul>	<ul style="list-style-type: none"><li>• Assume “worst case” injury, but also competent follow-up medical and rehabilitation support</li><li>• Consider forces or energy levels, highest belt tensions, size of gears, pulleys or other entrapment points and therefore body parts likely to be injured</li><li>• Consider sharpness of entrapment points, surrounding parts likely to exacerbate injury, and any give in the entrapment point</li><li>• Consider, will entrapment continue until plant is stopped, or can an injured part travel through the entrapment area</li><li>• Are temperatures of plant, or chemicals, likely to further injure entrapped person</li></ul>

The outcome of the risk assessment will be a prioritised list of risk control strategies and actions consistent with the following ratings:

- Low risk- may be considered acceptable, where the existing controls in place are seen to be effective, requiring periodic monitoring for effectiveness.  
Medium risk- considered to be unacceptable and requiring additional risk controls within medium to long term.  
High risk – considered to be unacceptable and requiring action within the short to medium term.  
Extreme risk – unacceptable, where immediate action required.

In all of these cases employees/operators must be made aware of the risk controls in place to protect them from the hazards.