

Hazard Register

Type	CENTRIFUGAL PUMP	Location	
Make	-	Sale Number	1967
Model	-	Lot Number	
Serial Number			

ID	Hazard Type	Hazard Description
143499.1	Plant Operation	NO OPERATING INSTRUCTIONS AVAILABLE FOR THE PLANT. PROVIDE TRAINING AND ATTACH INSTRUCTIONS IN A CLEAR AND VISIBLE POSITION FOR THE OPERATOR.
143499.2	Electrical	PLANT TO BE USED IN CONJUNCTION WITH EARTH LEAKAGE CIRCUIT BREAKER (SAFETY SWITCH), FAULT PROTECTION AND OVERLOAD PROTECTION.
143499.3	Noise	SOUND PRESSURE LEVEL (SPL) NEEDS TESTING AS PER REGULATIONS, AT THE OPERATOR STATION. IF SPL GREATER THAN 85dB(A). ATTACH CLEAR AND VISIBLE WARNINGS RE: USE OF HEARING PROTECTION.
143499.4	Plant Operation	SAFE OPERATING INSTRUCTIONS NEED TO BE ATTACHED TO PLANT. PROVIDE TRAINING AND ATTACH INSTRUCTIONS IN A CLEAR AND VISIBLE POSITION FOR THE OPERATOR.
143499.5	Plant Structure	ENSURE PLANT IS FITTED/MOUNTED ON STABLE/LEVEL GROUND/STRUCTURE TO PREVENT IT FROM TOPPLING OVER.
143499.6	Plant Operation	OPERATOR MUST BE FAMILIAR WITH THE LOCATION AND OPERATION OFTHE MAIN ISOLATING SWITCH AND FIRE FIGHTING APPLIANCES/SERVICES.
143499.7	Controls	ALL OPERATIONAL CONTROLS TO BE CLEARLY IDENTIFIED AND LABELLED.
143499.8	Electrical	PLANT NEEDS TO BE REGULARLY INSPECTED AND MAINTAINED AS PER AS/NZS 3760: IN-SERVICE SAFETY INSPECTION AND TESTING OF ELECTRICAL EQUIPMENT, AS/NZS 3000: WIRING RULES, AND/OR AS 1543: ELECTRICAL EQUIPMENT OF INDUSTRIAL MACHINES.
143499.9	Mechanical	POWER SUPPLY TO THE PLANT MUST BE ISOLATED, DENERGISED BEFORE COMMENCING ANY CLEANING AND OR MAINTENANCE ACTIVITIES.
143499.10	Electrical	ALL OPERATIONAL CONTROLS TO BE CLEARLY IDENTIFIED AND LABELLED.
143499.11	Labelling Pipework	Ensure air, oil and lubricant lines are appropriately identified and labelled as per AS1345: Identification of the contents of pipes, conduits and ducts.
143499.12	Plant Structure	PREPARE JOB SAFETY ANALYSIS (JSA) TO ASSESS AND CONTROL HAZARDS ASSOCIATED WITH DISMANTLING, TRANSPORT AND STOWING OF PLANT.
143499.13	Plant Operation	NO SERVICE/MAINTENANCE RECORDS AVAILABLE. REQUIRES REGULAR DOCUMENTED CONDITION INSPECTIONS (INCL SAFETY RELATED CONTROLS).
143499.14	Guarding	Guarding of plant should be in accordance with AS 4024 Safety of Machinery

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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
• Frequency and duration of exposure • Probability of occurrence of hazard or event (including part history of incidents) • Possibility to avoid / minimize or limit the damage, impact or harm • Reliability and effectiveness of existing / established systems of control	• Assume “worst case” injury, but also competent follow-up medical and rehabilitation support • Consider forces or energy levels, highest belt tensions, size of gears, pulleys or other entrapment points and therefore body parts likely to be injured • Consider sharpness of entrapment points, surrounding parts likely to exacerbate injury, and any give in the entrapment point • Consider, will entrapment continue until plant is stopped, or can an injured part travel through the entrapment area • Are temperatures of plant, or chemicals, likely to further injure entrapped person

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.