

# Hazard Register



<b>Type</b>	ELECTRIC PUMP	<b>Location</b>	
<b>Make</b>	GENERIC	<b>Sale Number</b>	1967
<b>Model</b>	GENERIC.	<b>Lot Number</b>	
<b>Serial Number</b>			

This item has not been tested for electrical safety.

ID	Hazard Type	Hazard Description
97542.1	Mechanical	POWER SUPPLY TO THE PLANT MUST BE ISOLATED, DE-ENERGISED BEFORE COMMENCING ANY CLEANING AND OR MAINTENANCE ACTIVITIES. LOCK OUT/TAG OUT PROCEDURES TO BE DEVELOPED TO ENSURE PLANT IS NOT OPERATED WHEN OUT OF SERVICE. GUARDING TO BE REPLACED AFTER CLEANING OR MAINTENANCE.
97542.2	Electrical	THIS PLANT HAS NOT BEEN ELECTRICALLY TESTED. 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. PLANT TO BE USED IN CONJUNCTION WITH EARTH LEAKAGE CIRCUIT BREAKER (SAFETY SWITCH) AND OVERLOAD PROTECTION. PLANT TO BE TURNED OFF PRIOR TO DISCONNECTION FROM POWER SUPPLY. NON-DOUBLE INSULATED PLANT TO BE MUST BE EARTHED (GROUNDED)
97542.4	Process Manual	OBTAIN AND READ MANUFACTURERS INSTRUCTIONS.
97542.6	Fire	TO PREVENT FIRE AND ELECTRICAL SHOCKS, DO NOT EXPOSE THE PLANT TO WET ENVIRONMENTS (INCLUDING: AREAS OF HIGH HUMIDITY, SPLASHES OF WATER AND DUSTY LOCATIONS) AND DO NOT HANDLE PLUG OR THE PLANT WITH WET HANDS. ENSURE WORK AREA IS FREE OF COMBUSTIBLE OR FLAMMABLE MATERIAL.
97542.7	Plant Operation	NO SERVICE/MAINTENANCE RECORDS AVAILABLE. REQUIRES REGULAR DOCUMENTED CONDITION INSPECTIONS (INCL SAFETY RELATED CONTROLS).
97542.9	Competency	EQUIPMENT TO BE USED AND ACCESSED BY COMPETENT/SKILLED PERSONNEL ONLY.
97542.10	PPE	ASSESS IF PERSONAL PROTECTIVE EQUIPMENT (PPE) IS REQUIRED - IDENTIFY TYPE AND PROVIDE INSTRUCTION/INFORMATION REGARDING: USE, STORAGE, CARE AND MAINTENANCE OF PPE
97542.11	Guarding	ENSURE THE EQUIPMENT IS CORRECTLY GUARDED TO PROTECT THE USER, OBTAIN USERS MANUAL AND ASSESS EQUIPMENT PRIOR TO USE. ENSURE GUARDS ARE REPLACED AFTER CLEANING AND MAINTENANCE AND PRIOR TO USE.
97542.14	Manual Handling	STRAINS AND SPRAINS MAY RESULT FROM INCORRECT HANDLING OF EQUIPMENT DURING GENERAL USE AND MAINTENANCE. ENSURE RISK IS ASSESSED PRIOR TO USE.
97542.17	Slip Trip and Fall	SLIP/TRIP FROM DUST, HOSES, OFF-CUTS, MATERIAL TROLLEYS ETC. IN THE VICINITY OF THE PLANT AND COLLISION BY MOBILE PLANT.
97542.18	Entanglement	NO LOOSE CLOTHING OR JEWELRY TO BE WORN WHEN OPERATING THIS PLANT. ALL GUARDS TO BE REPLACED PRIOR TO USE.
97542.19	Safe Work Procedures	SWP TO BE DEVELOPED FOR TASKS USING THIS PLANT. HAZARDS IDENTIFIED TO BE ADDRESSED.
97542.20	Chemicals	IF CHEMICALS ARE REQUIRED WHEN USING THIS PLANT, ENSURE TRAINING IS PROVIDED TO ENSURE SAFE USE. SAFETY DATA SHEETS TO BE PROVIDED TO THE OPERATOR AND A CHEMICAL RISK ASSESSMENT COMPLETED AND IDENTIFIED HAZARDS ADDRESSED PRIOR TO USE.

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97542.21	Signage	ENSURE SIGNS ARE, IN PLACE, LEGIBLE AND NOT DAMAGED. HAZARDS, INSTRUCTIONS, OPERATOR CONTROLS, PIPE WORK, SWL ETC TO BE SIGNED.
97542.22	Inspections	INSPECTIONS TO BE COMPLETED BY QUALIFIED, TRAINED, COMPETENT AND/OR LICENSED PERSONS. CONDUCT PRE-OPERATIONAL CHECKS PRIOR TO EACH USE. REFER TO MANUFACTURERS OPERATIONAL/MAINTENANCE MANUALS, AS APPLICABLE. PLANT TO BE INSPECTED FOR DAMAGE PRIOR TO USE. DAMAGED PLANT TO BE TAGGED OUT OF SERVICE. EMERGENCY STOPS TO BE REGULARLY TESTED.
97542.23	Noise	ASSESS WORK AREA FOR PLANT NOISE. NOISE HAZARDS TO BE ADDRESSED.
97542.24	Hot Surfaces	ENSURE HOT SURFACES AND FRICTION/ABRASION POINTS ARE GUARDED AND/OR LABELED. DO NOT POINT HOT FLUIDS AT OT NEAR PERSONNEL.
97542.25	Modifications	SEEK TECHNICAL ADVICE FROM THE MANUFACTURER PRIOR TO COMMENCING ANY MODIFICATIONS TO THE PLANT.
97542.26	Air Quality	CHEMICALS ASSOCIATED WITH THE USE OF THE PLANT . WORK IN A WELL VENTILATED AREA OR PROVIDE MECHANICAL VENTILATION.
97542.27	Plant Structure	PLANT TIP OVER DURING USE. ALWAYS UNLOAD, OPERATE AND LOAD THE PLANT ON FIRM STABLE GROUND.
97542.28	High Pressure Liquid.	WATER UNDER PRESSURE CAN CAUSE, EYE INJURIES AND FLYING DEBRIS TO PENETRATE THE BODY.

## 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.