Hazard Register

Type	ELECTRIC MOTOR	**Location**	GENERIC
Make	GENERIC	**Lot Number**	MOTOR
Model	Generic	**Sale Number**	null
Serial Number		**Vendor Number**	

ID	Hazard Type	Hazard Description
30660.1	Plant Structure	PREPARE JOB SAFETY ANALYSIS (JSA) TO ASSESS AND CONTROL HAZARDS ASSOCIATED WITH DISMANTLING, TRANSPORT AND STOWING OF PLANT.
30660.2	Work Method	ENSURE THAT JSA TAKES INTO CONSIDERATION PERSONAL INJURY EXPOSURES (E.G. MANUAL HANDLING TASKS). IN PARTICULAR ANY COMPONENT OF SIGNIFICANT WEIGHT SHOULD BE MARKED WITH ITS WEIGHT TO WARN THE OPERATOR.
30660.3	Mechanical	UNATTENDED PLANT SHOULD HAVE POWERED MOTIONS DISABLED AND PLANT ISOLATED BEFORE ANY WORK COMMENCES. ENSURE CONSIDERATION IS GIVEN TO STORED ENERGY INCL: GRAVITATIONAL AND LOADS UNDER SPRING COMPRESSION OR TENSION.
30660.4	Controls	ALL OPERATIONAL CONTROLS TO BE CLEARLY IDENTIFIED AND LABELLED.
30660.5	Electrical	TESTING IS PAST DUE DATE. 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.
30660.6	Plant Operation	ACCESS TO BE RESTRICTED TO AUTHORISED AND TRAINED PERSONNEL ONLY. FIT HAZARD WARNING SIGNS (AS APPROPRIATE) TO PREVENT ACCESS TO DANGER ZONES.
30660.7	Plant Operation	OPERATOR MUST BE FAMILIAR WITH THE LOCATION AND OPERATION OFTHE MAIN ISOLATING SWITCH AND FIRE FIGHTING APPLIANCES/SERVICES.
30660.8	Electrical	PLANT TO BE USED IN CONJUNCTION WITH EARTH LEAKAGE CIRCUIT BREAKER (SAFETY SWITCH), FAULT PROTECTION AND OVERLOAD PROTECTION.
30660.9	Plant Operation	NO SERVICE/MAINTENANCE RECORDS AVAILABLE. REQUIRES REGULAR DOCUMENTED CONDITION INSPECTIONS (INCL SAFETY RELATED CONTROLS).
30660.10	Plant Operation	NO OPERATING INSTRUCTIONS AVAILABLE FOR THE PLANT. PROVIDE TRAINING AND ATTACH INSTRUCTIONS IN A CLEAR AND VISIBLE POSITION FOR THE OPERATOR.
30660.11	Mechanical	POWER SUPPLY TO THE PLANT MUST BE ISOLATED, DENERGISED BEFORE COMMENCING ANY CLEANING AND OR MAINTENANCE ACTIVITIES.

Hazard Register

Occupational Health and Safety
Plant Safety
Purchaser Information

This plant health and safety information has been prepared by Graysonline for the purchaser of the plant item as required by National and State OHS Legislation. Whilst every effort has been made to identify all of the hazards, it should be recognised that such hazards have been identified given due consideration to the state of knowledge of the plant item.
If this plant item is being purchased for use at a place of work, the purchaser is reminded of their obligations to review the hazard register and in consultation with employees, prepare a formal risk assessment for the operation of the plant item in the new environment.

In order to assess the risk, it is necessary to consider the likelihood of an incident that would impact (consequence) on health and safety at the workplace. The following guidelines are provided to assist the purchaser to complete the plant assessment.

Likelihood

- 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

Consequences

- 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 situations, employees/operators must be made aware of the control measures in place to protect them from the plant hazards.

Please refer to asset safety information overleaf