Hazard Register

Type HYDRAULIC TEST RIG
Make -
Model -
Serial Number

Location
Sale Number 3023397
Lot Number 61

ID	Hazard Type	Hazard Description
133066.1	Noise	SOUND PRESSURE LEVEL NEEDS TESTING AT OPERATOR WORKSTATION. IF GREATER THAN 85dB(A), EXAMINE WAYS TO REDUCE EMISSIONS FROM THE PLANT AND ATTACH CLEAR AND VISIBLE HAZARD WARNING SIGN RE: HEARING PROTECTION.
133066.2	PPE	PROVIDE INFORMATION/INSTRUCTION ON STORAGE, USE, CARE AND MAINTENANCE OF PERSONAL PROTECTIVE EQUIPMENT RQUIRED BY OPERATOR DURING PLANT USE.
133066.3	Fire	OPERATOR MUST BE FAMILIAR WITH THE LOCATION AND OPERATION OF THE MAIN ISOLATING SWITCH AND FIRE FIGHTING APPLIANCES/SERVICES.
133066.4	Plant Maintenance	Injury to operator can result from not isolating, de-energising plant before commencing cleaning and/or maintenance activities.
133066.5	Skills	ENSURE ONLY COMPETENT/SKILLED PERSONNEL HAVE ACCESS TO AND USE OF PLANT.
133066.6	SLIP TRIP FALL	Ensure workspace around plant is kept clear of obstacles and maintained in a neat and tidy condition.
133066.7	Guarding	ENSURE GUARDING OF PLANT IS IN ACCORDANCE WITH AUSTRALIAN STANDARDS.
133066.8	Safety Devices	Identification of emergency stop switches (emergency stop switches should be red mushroom types contrasted by a yellow background) Ensure e/stop is fitted to plant and is fully operational.
133066.9	Labelling Pipework	Ensure air, oil and lubricant lines are appropriately identified and labelled as per Australian Standard: Identification of the contents of pipes, conduits and ducts.
133066.10	Electrical	PLANT (AND/OR EQUIPMENT CONNECTED TO THE PLANT) TO BE USED WITH AN EARTH LEAKAGE CIRCUIT BREAKER TO REDUCE THE RISK OF ELECTROCUTION.
133066.11	Operator controls	ENSURE ALL OPERATIONAL CONTROLS ARE CLEARLY IDENTIFIED AND LABELED.
133066.12	Plant Operation	CONDUCT DOCUMENTED PRE-OPERATIONAL CHECKS PRIOR TO EACH USE, REFER TO MANUFACTURER'S OPERATIONAL/MAINTENANCE MANUALS AS APPLICABLE.
133066.14	Process Manual	SUPPLY (IF AVAILABLE) MANUFACTURER'S OPERATING INSTRUCTIONS (INCLUDING PRE-OPERATIONAL CHECKS & PERSONAL PROTECTIVE EQUIPMENT REQUIREMENTS) AT OPERATOR WORKSTATION.
133066.15	Electrical	ENSURE THAT GROUNDING (EARTHING) OF THE PLANT IS AS PER MANUFACTURER'S RECOMMENDATIONS AND OR AS/NZS 3000: WIRING RULES AND INSPECTED AS PER AS/NZS 3760: IN-SERVICE SAFETY INSPECTION AND TESTING OF ELECTRICAL EQUIPMENT
133066.16	SAFETY SIGNAGE	Operator injury may result from illegible or missing warning labels/signage (noise, PPE, operating instructions, hot surfaces, exits, rotating fans, nip points etc). Regular inspection and replacement of warning labels (SAFETY DECALS) is required.
133066.17	Process Manual	SUPPLY SERVICE AND MAINTENANCE RECORDS (IF AVAILABLE).
133066.19	Burns	Injury may result from direct skin contact with hot surfaces during general operation, maintenance and inspection of plant. Attach

thermal/heat/hot surface warning labels to affected areas of plant.

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

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