

Hazard Register



Type	CONCRETE MIXER	Location	
Make	-	Sale Number	0
Model	-	Lot Number	
Serial Number			

ID	Hazard Type	Hazard Description
143133.1	Mechanical	POWER SUPPLY TO THE PLANT MUST BE ISOLATED, DE-ENERGISED BEFORE COMMENCING ANY CLEANING AND OR MAINTENANCE ACTIVITIES.
143133.2	SLIP TRIP FALL	HANDLES AND STEPS THAT ARE PRESENT ARE IN GOOD CONDITION AS TO COMPLY WITH AS1657.1992 FIXED PLATFORMS AND WALKWAYS. THREE POINTS OF CONTACT TO BE USED WHEN GETTING ON AND OFF PLANT.
143133.3	Plant Operation	NO SERVICE/MAINTENANCE RECORDS AVAILABLE. REQUIRES REGULAR DOCUMENTED CONDITION INSPECTIONS (INCL SAFETY RELATED CONTROLS).
143133.4	Plant Controls	UNITS ARE PREDISPOSED TO RUST. ENSURE ALL LOAD BEARING STRUCTURES ARE SOUND EG SKID MOUNTS, ACCESS LADDERS.
143133.5	Confined Space	CONFINED SPACE WARNING LABEL ON AGITATOR DRUM. ENSURE ANY OPERATORS ARE SUITABLY TRAINED IN CONFINED SPACES PRIOR TO ENTRY. IF ASSESSED AND IF REQUIRED, ENSURE THAT CONFINED SPACE PROCEDURES ARE DEVELOPED. ENSURE THAT SIGNAGE IS ERECTED. ENSURE THAT IF THERE IS ANY RISK OF A CONTAMINATED ATMOSPHERE, MONITORING PROCESSES ARE IN PLACE. ENSURE THAT CONFINED SPACE CONTROLS ARE IMPLEMENTED AS REQUIRED BY STATE ACTS AND REGULATIONS AND AS/NZS 2865-2001: SAFE WORKING IN A CONFINED SPACE.
143133.6	High Pressure Fluid	HYDRAULIC LINES SHOULD BE INSPECTED ON A SCHEDULED MAINTENANCE PLAN. WARNING SIGNS PRESENT. ENSURE REGISTRATION OF PRESSURE VESSELS, IF REQUIRED, AS PER LOCAL AUTHORITY/LEGISLATIVE REQUIREMENTS.
143133.7	Plant Structure	ENSURE THAT ANY MATERIALS WHICH MAY COME LOOSE IN TRANSIT ARE SECURED PROPERLY. E.,G. CHAIN AND PIN.
143133.8	Guarding	PLANT SHOULD NOT BE OPERATED WITHOUT ORIGINAL MANUFACTURERS GUARDS IN PLACE OR GUARDS WHICH COMPLY WITH AS 4204 SAFETY OF MACHINERY - EXPOSED DRIVE BELTS.
143133.9	Electrical	PLANT TO BE USED IN CONJUNCTION WITH EARTH LEAKAGE CIRCUIT BREAKER (SAFETY SWITCH) AND OVERLOAD PROTECTION.
143133.11	Electrical	PLANT NEEDS TO BE REGULARLY INSPECTED AND MAINTAINED AS PER AS/NZS 3760: IN-SERVICE SAFETY INSPECTION AND TESTING OF ELECTRICAL EQUIPMENT, AND AS/NZS 3000: WIRING RULES.
143133.12	Emergency Stop	ENSURE AN EMERGENCY STOP (E-STOP) FITTED TO PLANT AS REQUIRED BY AS4024.1 SAFE GUARDING OF MACHINERY - GENERAL PRINCIPLES. PLANT TO BE USED WITH AN ELECTRICAL CIRCUIT BREAKER (SAFETY SWITCH) AND OVERLOAD PROTECTION.
143133.13	AIR PRESSURE	AIR PRESSURE PRESENT. ENSURE THAT ALL PRESSURE IS RELEASED PRIOR TO PERFORMING MAINTENANCE OR DE-COMMISSIONING TASKS.
143133.14	warning device	ENSURE THAT VISIBLE AND AUDIBLE WARNING DEVICES PRESENT AND FUNCTIONING ON PLANT. ROTATING HAZARD LIGHT PRESENT.

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143133.15	Guarding	ENSURE GUARDING PRESENT OVER PUMP DRIVE SHAFT. TO PREVENT ENTANGLEMENT ENSURE GUARDING IMPLEMENTED OVER SHAFT AREA THAT MEETS AS4024.1 .
143133.16	Process Manual	OBTAIN AND READ MANUFACTURER'S INSTRUCTION FOR THE PLANT.
143133.17	Signage	ENSURE WARNING AND SAFETY SIGNAGE PRESENT TO ENSURE WORKERS ARE NOT INJURED. ENSURE WARNING DECAL PRESENT ON BACK OF TRUCK TRAY. E.G. PINCH POINTS, ENTANGLEMENT, HIGH PRESSURE
143133.18	DAMAGED PLANT	ENSURE THAT A QUALIFIED PERSON INSPECTS THIS PLANT PRIOR TO USE IN THE WORKPLACE.
143133.19	Safe Work Method Statement (SWMS)	CONDUCT SAFE WORK METHOD STATEMENTS FOR TASKS ASSOCIATED WITH REMOVAL AND RE-INSTALLATION 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	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.