

Hazard Register



Type	UNDERGROUND LOADER	Location	
Make	SANDVIK	Sale Number	9022877
Model	-	Lot Number	12
Serial Number			

ID	Hazard Type	Hazard Description
123332.1	Process Manual	SUPPLY (IF AVAILABLE) OPERATING INSTRUCTIONS (INCLUDING PRE-OPERATIONAL CHECKS & PPE REQUIREMENTS) AT OPERATOR WORKSTATION
123332.2	High Pressure Fluid	ENSURE ALL HOSE ARE INSPECTED FOR DAMAGE AND WEAR.
123332.3	Work Space	ATTACH CLEAR AND VISIBLE HAZARD WARNING SIGN RE USE NEAR OVERHEAD POWERLINES, BURIED SERVICES / OBJECTS AND WORKING NEAR UNSTABLE GROUNDS.
123332.4	Signage	ATTACH CLEAR & VISIBLE SAFE WORKING LOAD AT OPERATOR WORKSTATION.
123332.5	Process Manual	SUPPLY SERVICE AND MAINTENANCE RECORDS (IF AVAILABLE)
123332.6	DAMAGED PLANT	DAMAGE PLANT CAN CAUSE INJURY TO OPERATORS E.G. STAIRS TO CAB, HANDRAILS, NON SLIP, HYDRAULICS.
123332.7	Floor Condition	MAINTAIN ANTI SLIP MATERIAL/FALL PROTECTION ON ACCESS TO ENGINE BAY / FUELLING POINT ACCESS AND TO OPERATOR'S CABIN AS PER AUSTRALIAN STANDARD:PLATFORMS, FIXED WALKWAYS AND LADDERS.
123332.8	Noise	CONDUCT SOUND PRESSURE LEVEL TESTING AT OPERATOR WORKSTATION
123332.9	Mechanical	HOT ENGINE & COMPONENTS, BATTERY, FUEL SYSTEMS, RESIDUAL ENERGIES (HYDRAULIC, GRAVITATIONAL ETC), WORKING IN ELEVATED POSITIONS AND OTHER CHEMICALS
123332.10	Emergency Stop	ENSURE THE E-STOPS ARE REGULARLY TESTED AND MAINTAINED.
123332.11	Chemicals	ENSURE OPERATION OF THE PLANT PREVENTS AN ACCUMULATION OF HARMFUL GASES AND FUMES (EXHAUST SYSTEMS) AROUND THE OPERATOR
123332.12	Signage	ENSURE CLEAR & VISIBLE HAZARD SIGNS ATTACHED TO PLANT. EXAMPLES ARE CRUSH POINT WARNING, HOT PARTS WARNING. ENSURE RISK ASSESSMENTS ARE CONDUCTED FOR HAZARDS AND APPROPRIATE SIGNAGE DISPLAYED.
123332.13	Guarding	ENSURE ALL MOVING AND HOT PARTS ON PLANT E.G. BELTS,ARE GUARDED AS PER AUSTRALIAN STANDARD: SAFE GUARDING OF MACHINERY.
123332.15	Plant Operation	ENSURE THAT THE PLANT IS FUELLED/ MAINTAINED BY COMPETENT SERVICE PROVIDER (INCLUDING SAFETY DEVICES - SERVICE/PARKING BRAKES, MIRRORS, AUDIBLE SIGNALS).
123332.17	Plant Controls	ENSURE ALL OPERATING CONTROLS ARE EASILY READ FOR CORRECT OPERATION OF PLANT.
123332.18	Fire	ENSURE A FIRE SUPPRESSION SYSTEM IS FITTED TO PLANT. ENSURE PERSONNEL ARE PROVIDED WITH COMPETENCY BASED TRAINING REGARDING USE OF EXTINGUISHER.
123332.19	Environment	ENSURE OPERATOR NOT EXPOSED TO EXCESSIVE DUST EMISSION, EG APPROPRIATE RESPIRATORY PERSONAL PROTECTIVE EQUIPMENT. ATTACH FIRST AID KIT..
123332.20	warning device	COLLISION. ENSURE ROTATING HAZARD LIGHT, REVERSING BEEPER, HORN PRESENT. TEST AND FUNCTIONING BEFORE

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123332.21 Entanglement

USE.

DO NOT PLACE HANDS OR OTHER PARTS OF THE BODY NEAR CUTTING EDGES OR ROTATING PARTS OF THE PLANT WHEN SETTING UP AND/OR FEEDING MATERIAL FOR THE PLANT. DO NOT USE WHEN WEARING LOOSE CLOTHING.

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">• 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	<ul style="list-style-type: none">• 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.