

Hazard Register



Type	CONCRETE GRINDER	Location	
Make	-	Sale Number	1967
Model	-	Lot Number	
Serial Number			

ID	Hazard Type	Hazard Description
143123.1	Noise	SOUND PRESSURE LEVELS NEED TESTING AT OPERATOR STATION. IF SPL GREATER THAN 85 dB(A), CLEAR & VISIBLE WARNINGS MUST BE ATTACHED RE: USE OF HEARING PROTECTION.
143123.2	Guarding	MOVING PARTS OF PLANT MAY ENTRAP OR CUT BODY PARTS. ALL FIXED AND OPERABLE GUARDS MUST BE REPLACED AFTER MAINTENANCE/CLEANING ACTIVITIES. GUARDING SHOULD BE IN ACCORDANCE WITH AS4024.1: SAFEGUARDING OF MACHINERY.
143123.3	Entanglement	HAIR, CLOTHING, GLOVES, JEWELLERY, RAGS OR OTHER MATERIALS BECOMING ENTANGLED IN MOVING PARTS OF PLANT OR MATERIALS IN MOTION. DO NOT USE WHEN WEARING LOOSE CLOTHING.
143123.4	Plant Controls	OPERATOR INJURY MAY RESULT FROM POORLY LABELLED / UNLABELLED OR INCORRECTLY LABELLED CONTROLS. ENSURE ALL OPERATIONAL CONTROLS ARE CLEARLY IDENTIFIED AND LABELED
143123.5	PPE	PERSONAL PROTECTIVE EQUIPMENT (PPE) - IDENTIFY TYPE AND PROVIDE INSTRUCTION/INFORMATION RE: USE, STORAGE, CARE AND MAINTENANCE OF PPE (E.G. EYE & HEARING PROTECTION, DUST MASK ETC.)
143123.6	Vibration	VIBRATION - HOLDING ONTO PLANT HANDLE DURING OPERATION. PROVIDE HAZARD WARNING SIGN/INSTRUCTION ABOUT "WHITE FINGER".
143123.7	Instructions	SAFE OPERATING INSTRUCTIONS NEED TO BE ATTACHED TO PLANT. PROVIDE TRAINING AND ATTACH INSTRUCTIONS IN A CLEAR AND VISIBLE POSITION FOR THE OPERATOR.
143123.9	Thermal	FRICTION / ABRASION / COMING INTO CONTACT WITH MOVING PARTS OF PLANT DURING OPERATION. ENSURE SIGNAGE IS ATTACHED TO PLANT INSTRUCTING OPERATOR TO "KEEP BODY PARTS (HANDS ECT) CLEAR DURING PLANT OPERATION.
143123.10	Manual Handling	OPERATOR SPRAINS AND/OR STRAINS FROM MANUAL HANDLING WORK AS A RESULT OF REPETITIVE BODY MOVEMENT.
143123.11	Plant Maintenance	POWER SUPPLY TO THE PLANT MUST BE ISOLATED, DE-ENERGISED BEFORE COMMENCING ANY CLEANING AND OR MAINTENANCE ACTIVITIES.
143123.12	Signage	OPERATOR INJURY MAY RESULT FROM ILLEGIBLE OR MISSING WARNING LABELS/SIGNAGE (NOISE, PPE, OPERATING INSTRUCTIONS, HOT SURFACES, EXITS, ROTATING FANS, NIP POINTS ECT). REGULAR INSPECTION & REPLACEMENT OF WARNING LABELS (SAFETY DECALS) IS REQUIRED. SIGNAGE IS TO BE COMPLIANT WITH AS 1319 SAFETY SIGNAGE FOR THE OCCUPATIONAL ENVIRONMENT.
143123.13	Skills	PLANT TO BE USED AND ACCESSED BY COMPETENT/SKILLED PERSONNEL ONLY.
143123.14	Crushing	COMING INTO CONTACT WITH MOVING PARTS OF THE PLANT DURING TESTING, INSPECTION, OPERATION, MAINTENANCE, CLEANING AND REPAIR. ENSURE SIGNAGE IS ATTACHED ADJACENT TO PLANT INSTRUCTING OPERATOR TO "KEEP BODY PARTS (HANDS ECT) CLEAR DURING PLANT OPERATION.
143123.15	PPE	ASSESS AND SUPPLY PERSONAL PROTECTIVE EQUIPMENT (PPE) - IDENTIFY TYPE AND PROVIDE INSTRUCTION/INFORMATION RE: USE, STORAGE, CARE AND MAINTENANCE OF PPE (E.G. EYE & EAR PROTECTION)

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.