

Hazard Register

Type	HOPPER DRYER	Location	
Make	-	Sale Number	0
Model	-	Lot Number	-
Serial Number		Vendor	-

ID	Hazard Type	Hazard Description
143501.1	ELECTRICAL.	PLANT NEEDS TO BE INSTALLED AND REGULARLY INSPECTED AND MAINTAINED BY A COMPETENT PERSON AS PER AS/NZS3760: IN-SERVICE SAFETY INSPECTION AND TESTING OF ELECTRICAL EQUIPMENT AND AS/NZS3000: WIRING RULES AND/OR AS1543: ELECTRICAL EQUIPMENT OF INDUSTRIAL MACHINES. REGULARLY CHECK ALL EMERGENCY STOPS AND INTERLOCKS ARE WORKING CORRECTLY. PLANT TO BE USED IN CONJUNCTION WITH EARTH LEAKAGE CIRCUIT BREAKER (SAFETY SWITCH) AND OVERLOAD PROTECTION.
143501.2	NOISE.	SOUND PRESSURE LEVEL NEEDS TESTING AT OPERATOR WORKSTATION. IF GREATER THAN 85db(A) CONTINUES OVER 8 HOURS OR 140db(C) PEAK, EXAMINE WAYS TO ELIMINATE OR REDUCE EMISSIONS FROM THE PLANT AND ATTACH CLEAR AND VISIBLE HAZARD WARNING SIGN RE: THE WEARING HEARING PROTECTION.
143501.3	MAINTENANCE.	PLANT SHOULD ONLY BE MAINTAINED BY COMPETENT AND TRAINED PERSONAL. ALL ENERGY SOURCES ASSOCIATED WITH THE PLANT (ELECTRICAL, COMPRESSED AIR, HYDRAULIC AND MECHANICAL ETC.) TO BE ISOLATED AND DE ENERGISED WHILE PLANT IS BEING CLEANED/MAINTAINED. ALL GUARDS REPLACED/FITTED BEFORE THE PLANT IS PUT BACK INTO SERVICE. IF THE PLANT IS REQUIRED TO BE OPERATED WHILE THE GUARDS ARE REMOVED FOR MAINTENANCE THEN THE PLANT MUST HAVE A SLOW OR MAINTENANCE MODE.

Hazard Register

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.