

Hazard Register



Type	PETROL GENERATOR	Location	Grays Online
Make	-	Sale Number	1967
Model	-	Lot Number	
Serial Number			

ID	Hazard Type	Hazard Description
143058.1	Plant Operation	MACHINERY TO BE OPERATED BY DESIGNATED AND COMPETENT OPERATORS ONLY.
143058.2	Air Quality	EXHAUST EMISSION (CARBON MONOXIDE) MAY BE HARMFUL, ENSURE THE PLANT IS OPERATED IN A WELL VENTILATED AREA
143058.3	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.
143058.4	Explosion	ENSURE REFUELLING IS CARRIED OUT BY COMPETENT PERSONNEL. ALLOW SUFFICIENT TIME FOR PLANT TO COOL BEFORE REFUELLING
143058.5	Thermal Conditions	HEAT FROM PLANT OPERATION MAY CAUSE BURNS
143058.6	Electrical	PLANT (AND/OR EQUIPMENT CONNECTED TO THE PLANT) TO BE USED WITH AN EARTH LEAKAGE CIRCUIT BREAKER TO REDUCE THE RISK OF ELECTROCUTION.
143058.7	Plant Structure	SEEK TECHNICAL ADVICE FROM THE MANUFACTURER BEFORE CARRYING ANY MODIFICATIONS TO THE PLANT.
143058.8	Emergency Stop	REGULARLY CHECK OPERATION OF EMERGENCY STOPS (E-STOPS) TO PLANT AS REQUIRED BY AS4024.1 SAFE GUARDING OF MACHINERY - GENERAL PRINCIPLES.
143058.9	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.
143058.10	Chemicals	CONDUCT DOCUMENTED CHEMICALS RISK ASSESSMENT FOR ALL CHEMICALS USED WITH THE PLANT
143058.11	Signage	ATTACH CLEAR & VISIBLE HAZARD SIGNS RE KEEP CLEAR OF MOVING PLANT, HOT SURFACES, OPERATOR WARNINGS, ELECTRICAL WARNINGS.
143058.12	Flammable substances	ENSURE THAT FLAMMABLE SUBSTANCES ARE STORED IN A LOCKABLE AND BUNDED STORAGE. ENSURE THAT MATERIAL SAFETY DATA SHEETS ARE OBTAINED. WHEN REFUELLING USE A CLOSED FUNNEL SYSTEM.
143058.13	Maintenance	EMPLOYER MUST PERFORM MAINTENANCE, INSPECTION AND CLEANING ON PLANT IN ACCORDANCE WITH THE MANUFACTURER'S AND DESIGNER'S REQUIREMENTS AND MUST PUT IN PLACE THE NECESSARY FACILITIES AND SYSTEMS OF WORK TO ENSURE THE SAFETY OF PERSONS WHO PERFORM THE MAINTENANCE, INSPECTION AND CLEANING . IF ACCESS TO THE PLANT IS REQUIRED TO PERFORM THESE TASKS, THE PLANT MUST BE STOPPED AND ONE OR MORE OF THE FOLLOWING MEASURES MUST BE USED TO CONTROL THE RISKS , LOCKOUT OR ISOLATION DEVICES, DANGER TAGS , PERMIT TO WORK SYSTEMS OR OTHER CONTROL MEASURES.
143058.14	Plant Operation	CONDUCT DOCUMENTED PRE-OPERATIONAL CHECKS PRIOR TO EACH USE, REFER TO MANUFACTURER'S OPERATIONAL/MAINTENANCE MANUALS AS APPLICABLE.

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143058.15	Plant Structure	PLANT TIP-OVER DURING USE, ALWAYS OPERATE/UNLOAD/LOAD THE PLANT ON FIRM/STABLE GROUND.
143058.16	Manual Handling	IDENTIFY AND ASSESS ALL MANUAL HANDLING HAZARDS ASSOCIATED WITH THE OPERATION OR REMOVAL OF THE PLANT. DOCUMENT ASSESSMENT PROCESS AND IMPLEMENT CONTROLS AS PER AS4360:2004 RISK MANAGEMENT
143058.17	PLANT DAMAGE	CONDITION UNKNOWN. ENSURE THAT A QUALIFIED PERSON INSPECTS THIS PLANT PRIOR TO USE IN THE WORKPLACE.

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.