

Hazard Register



Type	GAS FURNACE	Location	
Make	-	Sale Number	3030159
Model	-	Lot Number	62
Serial Number			

ID	Hazard Type	Hazard Description
142514.1	Plant Operation	ENSURE ADEQUATE VENTILATION FOR THE OPERATION OF THE PLANT, USE EXTRACTION SYSTEM WHERE INSTALLED
142514.2	Electrical	PLANT NEEDS TO BE REGULARLY INSPECTED AND MAINTAINED AS PER AUSTRALIAN STANDARD: IN-SERVICE SAFETY INSPECTION AND TESTING OF ELECTRICAL EQUIPMENT, AND AUSTRALIAN STANDARD: WIRING RULES AND OR AUSTRALIAN STANDARD: ELECTRICAL EQUIPMENT OF INDUSTRIAL MACHINES
142514.3	Access	ACCESS TO BE RESTRICTED TO AUTHORISED AND TRAINED PERSONNEL ONLY. FIT HAZARD WARNING SIGNS (AS APPROPRIATE) TO PREVENT ACCESS TO DANGER ZONES.
142514.4	Electrical	PLANT TO BE USED IN CONJUNCTION WITH EARTH LEAKAGE CIRCUIT BREAKER (SAFETY SWITCH) AND OVERLOAD PROTECTION.
142514.5	Labelling Pipework	ENSURE AIR, OIL AND LUBRICANT LINES ARE APPROPRIATELY IDENTIFIED AND LABELED IN ACCORDANCE WITH AUSTRALIAN STANDARD: IDENTIFICATION OF THE CONTENT OF PIPES, CONDUITS AND DUCTS
142514.6	Instructions	SAFE OPERATING INSTRUCTIONS NEED TO BE ATTACHED TO PLANT. PROVIDE TRAINING AND ATTACH INSTRUCTIONS IN A CLEAR AND VISIBLE POSITION FOR THE OPERATOR.
142514.7	Plant Maintenance	ENSURE THE PLANT IS ISOLATED/DE-ENERGISED AND ALLOWED TO COOL DOWN BEFORE IT IS MAINTAINED AND OR CLEANED
142514.8	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.
142514.9	Hot Surfaces	BURNS CAN OCCUR DUE TO OPERATORS CONTACT WITH HOT SURFACES. ATTACH THERMAL / HEAT / HOT SURFACES WARNING LABELS TO AFFECTED AREAS OF PLANT.
142514.10	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.
142514.11	Plant Controls	OPERATOR INJURY MAY RESULT FROM POORLY LABELLED / UNLABELLED OR INCORRECTLY LABELLED CONTROLS. ENSURE ALL OPERATIONAL CONTROLS ARE CLEARLY IDENTIFIED AND LABELED.
142514.12	Guarding	MOVING PARTS OF THE PLANT MAY ENTRAP PARTS OF THE BODY, ENSURE ALL REMOVABLE GUARDS ARE REPLACED AFTER MAINTENANCE/CLEANING ACTIVITIES
142514.13	Chemicals	PROVIDE MSDS RE: CHEMICALS USED WITH THE PLANT.
142514.14	Noise	SOUND PRESSURE LEVELS (SPL) NEEDS TESTING AT OPERATOR STATION. IF SPL GREATER THAN 85 dB(A), CLEAR & VISIBLE WARNINGS MUST BE ATTACHED RE: USE OF HEARING PROTECTION.

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142514.15	Fire/Explosion	POTENTIAL FOR BUILD UP OF EXPLOSIVE ATMOSPHERES IN PLANT. ENSURE THAT MITIGATION MEASURES ARE IN PLACE TO PREVENT THE DEVELOPMENT OF EXPLOSIVE ATMOSPHERES IN ACCORDANCE WITH NATIONAL WORK HEALTH AND SAFETY REGULATIONS. ENSURE THAT ANY ACTIVITIES THAT MAY PRODUCE AN IGNITION SOURCE ARE RISK ASSESSED AND CONTROLLED TO PREVENT EXPLOSION OR FIRE RISKS
142514.16	Fire/Explosion	FIRE HAZARD DUE TO OPERATIONAL PROCESSES - ENSURE THAT FIRE SUPPRESSION SYSTEMS ARE FITTED TO PLANT AND PORTABLE FIRE FIGHTING EQUIPMENT ARE LOCATED AS REQUIRED BY AUSTRALIAN STANDARD: PORTABLE FIRE EXTINGUISHERS AND FIRE BLANKETS. ENSURE THAT SYSTEMS ARE REGULARLY INSPECTED/CHECKED AS REQUIRED BY RELEVANT STATE ACTS AND REGULATIONS AND AUSTRALIAN STANDARD AUSTRALIAN STANDARD: MAINTENANCE OF FIRE PROTECTION SYSTEMS AND EQUIPMENT
142514.17	CONFINED SPACES	IF ASSESSED AND IF REQUIRED, ENSURE THAT CONFINED SPACE PROCEDURES ARE DEVELOPED. ENSURE THAT SIGNAGE IS AFFIXED. 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 NATIONAL WHS ACT AND REGULATIONS AND AUSTRALIAN STANDARD: SAFE WORKING IN A CONFINED SPACE.

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.