

# Hazard Register



<b>Type</b>	TUBE BENDER	<b>Location</b>	-
<b>Make</b>	Unknown	<b>Sale Number</b>	5053543
<b>Model</b>	240 VOLTS	<b>Lot Number</b>	19
<b>Serial Number</b>			

ID	Hazard Type	Hazard Description
138357.1	Skills	ENSURE ONLY COMPETENT/SKILLED PERSONNEL HAVE ACCESS TO AND USE OF PLANT.
138357.2	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.
138357.3	Manual Handling	OPERATOR SPRAINS AND/OR STRAINS FROM MANUAL HANDLING WORK PIECES/PRODUCT ON AND OFF PLANT ITEM OR AS A RESULT OF REPETITIVE BODY MOVEMENT.
138357.4	Electrical	PLANT TO BE USED WITH AN ELECTRICAL CIRCUIT BREAKER (SAFETY SWITCH) AND OVERLOAD PROTECTION.
138357.5	Electrical	PLANT NEEDS TO BE REGULARLY INSPECTED AND MAINTAINED 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. ENERGY SOURCES ASSOCIATED WITH THE PLANT (ELECTRICAL, COMPRESSED AIR, ETC.) TO BE ISOLATED WHEN THE PLANT IS BEING CLEANED/MAINTAINED. ALL GUARDS REPLACED/FITTED BEFORE THE PLANT IS PUT BACK INTO SERVICE. PLANT TO BE USED WITH AN ELECTRICAL CIRCUIT BREAKER (SAFETY SWITCH) AND OVERLOAD PROTECTION.
138357.6	Plant Structure	ENSURE THAT DISMANTLING, TRANSPORT AND STOWING IS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
138357.7	PPE	SUPPLY PERSONAL PROTECTIVE EQUIPMENT (PPE) - IDENTIFY TYPE AND PROVIDE INSTRUCTION/INFORMATION RE: USE, STORAGE, CARE AND MAINTENANCE OF PPE (E.G. EYE & HEAR PROTECTION, DUST MASK ETC.)
138357.8	Signage	AFFIX SIGNAGE WARNING OPERATORS AND BYSTANDERS OF ENTRAPMENT AND PINCH POINTS
138357.9	Plant Operation	ATTACH OPERATING INSTRUCTIONS IN A CLEAR AND VISIBLE POSITION TO OPERATOR, INCL. THAT THE USE OF COMPRESSED AIR CAN CAUSE EYE INJURIES, HEARING LOSS, FLYING DEBRIS TO PENERATE INTO THE SKIN/BODY.
138357.10	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.
138357.11	Plant Controls	OPERATOR INJURY MAY RESULT FROM POORLY LABELLED / UNLABELLED OR INCORRECTLY LABELLED CONTROLS. ENSURE ALL OPERATIONAL CONTROLS ARE CLEARLY IDENTIFIED AND LABELED
138357.12	Crushing	Contact with moving parts of the plant during testing, inspection, operation, maintenance, cleaning or repair of the plant.
138357.13	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.
138357.14	Plant Maintenance	Injury to operator can result from not isolating, de-energising plant before commencing cleaning and/or maintenance activities.
138357.15	Plant Structure	STABILITY OF APPLIANCE AND OR ATTACHMENTS TO THE PLANT/APPLIANCE, ENSURE THE PLANT IS SECURELY FIXED/MOUNTED AND OR RESTRAINED/SUPPORTED

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"><li>• Frequency and duration of exposure</li><li>• Probability of occurrence of hazard or event (including part history of incidents)</li><li>• Possibility to avoid / minimize or limit the damage, impact or harm</li><li>• Reliability and effectiveness of existing / established systems of control</li></ul>	<ul style="list-style-type: none"><li>• Assume “worst case” injury, but also competent follow-up medical and rehabilitation support</li><li>• Consider forces or energy levels, highest belt tensions, size of gears, pulleys or other entrapment points and therefore body parts likely to be injured</li><li>• Consider sharpness of entrapment points, surrounding parts likely to exacerbate injury, and any give in the entrapment point</li><li>• Consider, will entrapment continue until plant is stopped, or can an injured part travel through the entrapment area</li><li>• Are temperatures of plant, or chemicals, likely to further injure entrapped person</li></ul>

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.