

# Hazard Register



<b>Type</b>	SHEET METAL BENDER	<b>Location</b>	-
<b>Make</b>	MAGNA BENDER	<b>Sale Number</b>	3026972
<b>Model</b>	2500E	<b>Lot Number</b>	2
<b>Serial Number</b>			

ID	Hazard Type	Hazard Description
140047.1	Air Quality	DUST PARTICLES AND OTHER CHEMICALS ASSOCIATED WITH THE PLANT. DOCUMENT RISK ASSESSMENT, REFER TO MSDS.
140047.2	SLIP TRIP FALL	HOUSEKEEPING PROCEDURES SHOULD BE IMPLEMENTED TO IMPROVE ACCESS OR EGRESS TO OR FROM PLANT. HOSES, CORDS AND OBJECTS IN THE PATH OF OPERATOR.
140047.3	PPE	PERSONAL PROTECTIVE EQUIPMENT (PPE) - IDENTIFY TYPE AND PROVIDE INSTRUCTION/INFORMATION RE: USE, STORAGE, CARE AND MAINTENANCE.
140047.4	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.
140047.5	Electrical	PLANT TO BE USED WITH AN ELECTRICAL CIRCUIT BREAKER (SAFETY SWITCH) AND OVERLOAD PROTECTION.
140047.6	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.
140047.7	Cutting, Stabbing and Puncturing	CONTACT AND HANDLING OF SWarf. EMPLOYEES SHOULD ENSURE THE APPROPRIATE PPE IS WORN TO PREVENT CUTTING WITH SWarf.
140047.8	Plant Operation	ENERGY SOURCES ASSOCIATED WITH THE PLANT TO BE ISOLATED WHEN THE PLANT IS BEING CLEANED/MAINTAINED/DISMANTLED.
140047.9	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.
140047.10	Operator controls	OPERATOR CONTROLS SHOULD BE LABELLED CLEARLY SO THE OPERATOR IS AWARE OF THE APPROPRIATE CONTROLS. *NOTE: CONTROLS NEED TO BE LABELLED BETTER
140047.11	Manual Handling	CONDUCT MANUAL HANDLING RISK ASSESSMENTS FOR TASK(S) ASSOCIATED WITH THE OPERATION OF THE PLANT (ie CHANGING WORKPIECES)
140047.12	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.
140047.13	Instructions	ATTACH OPERATING INSTRUCTIONS IN A VISIBLE LOCATION AT OPERATOR WORKSTATION.
140047.14	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.

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140047.15	Pressure	ENSURE AIR, OIL AND LUBRICANT LINES ARE APPROPRIATELY IDENTIFIED AND LABELLED AS PER AS1345 : IDENTIFICATION OF THE CONTENTS OF PIPES, CONDUITS AND DUCTS.
140047.16	Drawing In	DRAWING-IN, DO NOT PLACE HANDS OR OTHER PARTS OF THE BODY NEAR ROTATING PARTS OF THE PLANT WHEN SETTING UP AND/OR FEEDING MATERIAL FOR THE PLANT. DO NOT USE WHEN WEARING LOOSE CLOTHING.
140047.17	Plant Operation	RELEASE OF STORED ENERGY DUE TO MALFUNCTION AND OR DAMAGE TO THE PLANT
140047.18	Skills	PLANT TO BE USED AND ACCESSED BY COMPETENT/SKILLED PERSONEL ONLY.
140047.19	Maintenance	IMPLEMENT LOCKOUT/TAGOUT SYSTEM FOR MAINTENANCE OPERATIONS CONDUCTED ON THE PLANT
140047.20	Compressed Air	EMPLOYEES SHOULD NEVER AIM COMPRESSED AIR IN THE DIRECTION OF OTHER EMPLOYEES. HOSES SHOULD BE CHECKED FOR THEIR INTEGRITY ON A SCHEDULED BASIS TO AVOID UNEXPECTED PRESSURE RELEASES.
140047.21	Guarding	ENSURE ANY IN PLACE INTERLOCKING SWITCHES ARE ROUTINELY CHECKED/SERVICED GUARDING SHOULD BE IN ACCORDANCE WITH AS4024.1: SAFEGUARDING OF MACHINERY. *NOTE: INTERLOCKING SWITCHES NEED TO BE ADDED TO MACHINE. PLANT NEEDS TO RISK ASSESSED FOR GUARDING.
140047.22	Emergency Stop	AN EMERGENCY STOP MUST BE CONNECTED TO THE MACHINE BEFORE IT IS PUT TO USE.
140047.23	PLANT DAMAGE	ENSURE THAT A QUALIFIED PERSON INSPECTS THIS PLANT PRIOR TO USE IN THE WORKPLACE. THIS PLANT IS NOT OPERATIONAL.
140047.24	Competency	ENSURE THAT OPERATORS ARE TRAINED IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL OCCUPATIONAL HEALTH AND SAFETY CERTIFICATION STANDARD FOR USERS AND OPERATORS OF INDUSTRIAL EQUIPMENT - 3RD EDITION [NOHSC:1006(2001)]

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.