

# Hazard Register



|               |           |             |      |
|---------------|-----------|-------------|------|
| Type          | PAN BRAKE | Location    |      |
| Make          | -         | Sale Number | 1967 |
| Model         | -         | Lot Number  |      |
| Serial Number |           |             |      |

| ID       | Hazard Type     | Hazard Description  |
|----------|-----------------|---|
| 143194.1 | Noise           | AN EMPLOYER MUST ENSURE THAT APPROPRIATE CONTROL MEASURES ARE TAKEN IF A PERSON IS EXPOSED TO NOISE LEVELS THAT EXCEED AN 8-HOUR NOISE LEVEL EQUIVALENT OF 85 DB(A), OR PEAK AT MORE THAN 140 DB(C). IF NOISE IS ABOVE PRESCRIBED LIMITS NOISE MEASUREMENT IS TO BE MADE IN ACCORDANCE WITH AUSTRALIAN STANDARD OCCUPATIONAL NOISE MANAGEMENT PART 1: MEASUREMENT AND ASSESSMENT OF NOISE EMISSION AND EXPOSURE, AND EXPOSURE TO NOISE IS TAKEN TO BE MEASURED AT THE POSITION OF THE EARS OF A PERSON, OR AT AN EQUIVALENT OF THAT POSITION, AND THE MEASUREMENT IS TO BE MADE ON THE ASSUMPTION THAT THE PERSON IS NOT WEARING ANY DEVICE TO PROTECT HIMSELF OR HERSELF FROM NOISE. |
| 143194.2 | Controls        | UNATTENDED PLANT SHOULD HAVE POWERED MOTIONS DISABLED/RESIDUAL ENERGIES RELEASED AND PLANT ISOLATED.  |
| 143194.3 | Plant Operation | 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.  |
| 143194.4 | Maintenance     | AN 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.   |
| 143194.5 | Electrical      | ENSURE THAT LIGHT BEAMS AND INTERLOCK DEVICES ARE CHECKED REGULARLY AND INSPECTION RESULTS RETAINED (NOT PRESENT ON THIS PLANT). 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.   |
| 143194.6 | Guarding        | ENSURE FIXED GUARDING, SENSOR OR BARRIER INTERLOCK PRESENT AT FRONT AND REAR OF PLANT. WHEN INTERLOCKS PRESENT ENSURE FUNCTIONING CORRECTLY AS PER AS4024.1 SAFE GUARDING OF MACHINERY. ENSURE GUARDING AT REAR OF PLANT (IF REQUIRED) E.G. BARRIER FENCING WITH INTERLOCKS. A SENSOR BEAM IS NOT PRESENT AT THE FRONT OF THE PRESS. ENSURE THAT THE FUNCTIONING OF THE SENSOR BEAM TESTED ON A REGULAR BASIS.  |
| 143194.7 | Plant Operation | ENSURE THAT PLANT IS OPERATED IN ACCORDANCE WITH THE GUIDANCE AND GENERAL REQUIREMENTS OF THE AUSTRALIAN STANDARD   |
| 143194.8 | PLANT DAMAGE    | AN EMPLOYER MUST ENSURE THAT IF THE PLANT HAS BEEN DAMAGED, AND THE DAMAGE COULD LEAD TO AN INCREASED HEALTH AND SAFETY RISK, THE EMPLOYER MUST ENSURE THAT A COMPETENT PERSON ASSESSES THE DAMAGE AND DETERMINES WHAT REPAIRS MUST BE MADE TO MINIMISE THE RISK AND CARRIES OUT THE  |

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|           |                                   | REPAIR AND ANY TESTING TO ENSURE THAT IT REMAINS WITHIN THE DESIGN LIMIT.  |
| 143194.9  | Employer Obligations              | ANYONE IN CONTROL OF PLANT THAT IS USED BY PEOPLE AT WORK MUST ENSURE THAT THE PLANT IS SAFE WHEN IT IS USED PROPERLY.   |
| 143194.10 | Risk Control                      | ENSURE THAT ALL MANUFACTURERS REAR GUARDING AND INTERLOCK SYSTEMS ARE REFITTED AND ACTIVE PRIOR TO OPERATION AND CHECKED FOR SAFE WORKING - IDENTIFY ALL OPERATIONAL HAZARDS ASSOCIATED WITH PLANT, RISK ASSESS IDENTIFIED HAZARDS AS PER AUSTRALIAN STANDARD: RISK MANAGEMENT AND IMPLEMENT APPROPRIATE CONTROLS. DOCUMENT ALL RISK ASSESSMENTS.  |
| 143194.11 | PPE                               | ASSESS AND 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.).  |
| 143194.12 | Electrical                        | ENSURE THERE ARE EMERGENCY STOP BUTTONS PRESENT ON CONTROL PANEL. REGULARLY CHECK OPERATION OF EMERGENCY STOPS (E-STOPS) OR ISOLATION DEVICES TO PLANT AS REQUIRED BY AUSTRALIAN STANDARD: GUARDING OF MACHINERY - GENERAL PRINCIPLES.   |
| 143194.13 | Training & Competency             | A PERSON MUST NOT OPERATE OR USE CERTAIN TYPES OF PLANT, OR EMPLOY OR DIRECT ANOTHER PERSON TO OPERATE OR USE SUCH PLANT, IF THE OPERATOR DOES NOT POSSESS A CERTIFICATE OF COMPETENCY, OR IS DECLARED COMPETENT TO OPERATE THE PLANT OR HAS A RECOGNISED QUALIFICATION TO OPERATE THAT PLANT. ENSURE OPERATOR IS APPROPRIATELY LICENSED/CERTIFIED/COMPETENCY ASSESSED TO OPERATE PLANT. ENSURE RECORDS OF QUALIFICATIONS ARE RETAINED ONSITE.                   |
| 143194.14 | Manual Handling                   | HANDLING OF WORKPIECES ON/OFF THE PLANT. CONDUCT MANUAL HANDLING RISK ASSESSMENT FOR TASK(S) ASSOCIATED WITH THE OPERATION OF THE PLANT.   |
| 143194.15 | Entanglement                      | ENTRAPMENT POINTS ON BLADE ACTUATION MECHANISM AND BLADE SHEAR POINTS - ASSESS PLANT FOR ENTANGLEMENT AND ENTRAPMENT HAZARDS ENSURE PLANT IS GUARDED AS REQUIRED BY AUSTRALIAN STANDARD: SAFEGUARDING OF MACHINERY - GENERAL PRINCIPLES.   |
| 143194.16 | Employer Obligations              | A PLANT MANUFACTURER/OWNER/SITE CONTROLLER MUST IDENTIFY ANY FORESEEABLE HAZARD THAT MAY BE INCORPORATED INTO THE PLANT DURING THE OPERATIONAL PROCESS AND THAT HAS THE POTENTIAL TO HARM THE HEALTH OR SAFETY OF ANY PERSON DURING THE INSTALLATION, ERECTION, COMMISSIONING, USE, REPAIR, DISMANTLING, STORAGE OR DISPOSAL OF THE PLANT AT A PLACE OF WORK OR, IN THE CASE OF PLANT AFFECTING PUBLIC SAFETY, AT ANY OTHER PLACE AT WHICH THE PLANT IS LOCATED. |
| 143194.17 | Safe Work Method Statement (SWMS) | CONDUCT SAFE WORK METHOD STATEMENTS FOR TASKS ASSOCIATED WITH REMOVAL, TRANSPORT AND - INSTALLATION OF PLANT AS REQUIRED BY WORKPLACE HEALTH AND SAFETY REGULATIONS AND CODES OF PRACTICE.   |
| 143194.18 | Plant Structure                   | ENSURE THAT DISMANTLING, TRANSPORT AND STOWING IS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.  |
| 143194.19 | Plant Operation                   | ATTACH OPERATING INSTRUCTIONS IN A CLEAR AND VISIBLE POSITION TO OPERATOR. CONTROL LABELS STARTING TO WEAR AND BECOMING HARD TO READ. ENSURE THAT THE CONTROL OPERATING INSTRUCTION ARE CLEAR AND LEGIBLE.   |
| 143194.20 | Plant Structure                   | STABILITY OF APPLIANCE AND OR ATTACHMENTS TO THE PLANT/APPLIANCE, ENSURE THE PLANT IS SECURELY FIXED/MOUNTED AND OR RESTRAINED/SUPPORTED.  |
| 143194.21 | Plant Dismantling                 | AN EMPLOYER MUST ENSURE THAT: PLANT IS ERECTED AND DISMANTLED SAFELY AND THAT IT IS ONLY USED FOR THE PURPOSE FOR WHICH IT WAS DESIGNED BY A COMPETENT PERSON, UNLESS SPECIFIC RISK CONTROL MEASURES ARE IMPLEMENTED.  |

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143194.22 Signage

ENSURE HAZARDS ARE RISK ASSESSED AND THE APPROPRIATE SIGNAGE IS DISPLAYED. THERE ARE LIMITED SIGNS PRESENT ON THIS PLANT. ENSURE HAND CRUSH WARNING SIGNS ARE DISPLAYED ON THIS PLANT.

143194.23 Emergency Provisions

AN EMPLOYER MUST ENSURE THAT EMERGENCY PROCEDURES FOR THE PLANT ARE VISIBLELY DISPLAYED FOR THE OPERATOR.

## 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.