

Hazard Register



Type	VERTICAL MILLING MACHINE	Location	GraysOnline
Make	BRIDGEPORT	Lot Number	0600
Model	Unknown	Sale Number	7000435
Serial Number		Vendor Number	

ID	Hazard Type	Hazard Description
39980.1	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 AS/NZS 1269.1:1998 OCCUPATIONAL NOISE MANAGEMENT PART 1: MEASUREMENT AND ASSESSMENT OF NOISE IMISSION 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.
39980.2	Plant Structure	STABILITY OF APPLIANCE AND OR ATTACHMENTS TO THE PLANT/APPLIANCE, ENSURE THE PLANT IS SECURELY FIXED/MOUNTED AND OR RESTRAINED/SUPPORTED.
39980.3	Plant Operation	CONDUCT SAFE WORK METHOD STATEMENTS FOR TASKS ASSOCIATED WITH REMOVAL, TRANSPORT AND RE-INSTALLATION OF PLANT AS REQUIRED BY WORKPLACE HEALTH AND SAFETY REGULATIONS AND CODES OF PRACTICE.
39980.4	Plant Operation	HANDLING OF WORKPIECES ON/OFF THE PLANT. CONDUCT MANUAL HANDLING RISK ASSESSMENT FOR TASK(S) ASSOCIATED WITH THE OPERATION OF THE PLANT.
39980.5	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.)
39980.6	Compressed Air	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.
39980.7	Hazard Control	IDENTIFY ALL OPERATIONAL HAZARDS ASSOCIATED WITH PLANT, RISK ASSESS IDENTIFIED HAZARDS AS PER AS4360:2004 RISK MANAGEMENT AND IMPLEMENT APPROPRIATE CONTROLS. DOCUMENT ALL RISK ASSESSMENTS ASSESS PLANT FOR ENTANGLEMENT AND ENTRAPMENT HAZARDS.
39980.8	Maintenance	NO MAINTENANCE OR SERVICE RECORDS AVAILABLE. CONDUCT REGULAR DOCUMENTED SERVICE/INSPECTION OF THE PLANT. MAINTAIN RECORDS OF CHANGES/MODIFICATIONS MADE TO THE PLANT.
39980.9	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 TASKS. 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 [OCCUPATIONAL HEALTH AND SAFETY REGULATION 2001, CLAUSE 137(2)] LOCKOUT OR ISOLATION DEVICES, DANGER TAGS , PERMIT TO WORK SYSTEMS OR OTHER CONTROL MEASURES.
39980.10	Guarding	ENSURE A LATCHING EMERGENCY STOP (E-STOP) ON PLANT AS REQUIRED BY AS4024.1 SAFE GUARDING OF MACHINERY - GENERAL PRINCIPLES. E-STOP TO BE ATTACHED AND INSPECTED BY A QUALIFIED ELECTRICIAN. PLANT TO BE USED WITH AN ELECTRICAL CIRCUIT BREAKER (SAFETY SWITCH) AND OVERLOAD PROTECTION. BELT DRIVE NEEDS TO BE GUARDED.
39980.11	Maintenance	UNATTENDED PLANT SHOULD HAVE POWERED MOTIONS DISABLED/RESIDUAL ENERGIES RELEASED AND PLANT ISOLATED.
39980.12	Entanglement	ENSURE ACCESS TO ROTATING CHUCK IS DENIED - ENSURE GUARDS ARE CORRECTLY FITTED AND ARE OPERATIONAL - ASSESS PLANT FOR ENTANGLEMENT AND ENTRAPMENT HAZARDS. RISK ASSESS HAZARDS AS PER AS4360:2004 RISK MANAGEMENT AND IMPLEMENT APPROPRIATE CONTROLS AS

Please refer to asset safety information overleaf

Hazard Register



REQUIRED BY AS4024.1 SAFE GUARDING OF MACHINERY - GENERAL PRINCIPLES.

39980.13	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.
39980.14	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 RECOGNISED QUALIFICATION TO OPERATE THAT PLANT. ENSURE OPERATOR IS APPROPRIATELY LICENSED/CERTIFIED TO OPERATE PLANT. ENSURE RECORDS OF QUALIFICATIONS ARE RETAINED ONSITE.
39980.15	SAFE WORK METHOD STATEMENT(SWMS)	CONDUCT SAFE WORK METHOD STATEMENTS FOR TASKS ASSOCIATED WITH REMOVAL AND REINSTALLATION OF PLANT AS REQUIRED BY QLD WH&S REGULATIONS AND CODES OF PRACTICE.
39980.16	Hazardous Substances	OBTAIN MSDS FOR CHEMICALS USED AS WORK COOLANT AND LUBRICANT. CONDUCT RISK ASSESSMENTS IF CHEMICAL IS HAZARDOUS AS REQUIRED BY REGULATIONS
39980.17	Entanglement	ENTANGLEMENT - DO NOT OPERATE PLANT WITH LOOSE CLOTHING.
39980.18	Chemicals	OBTAIN MSDS FOR CHEMICALS USED AS WORK COOLANT AND LUBRICANT. CONDUCT RISK ASSESSMENTS IF CHEMICAL IS HAZARDOUS AS REQUIRED BY REGULATIONS

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Hazard Register



Occupational Health and Safety Plant Safety Purchaser Information

This plant health and safety information has been prepared by Graysonline for the purchaser of the plant item as required by National and State OHS Legislation. Whilst every effort has been made to identify all of the hazards, it should be recognised that such hazards have been identified given due consideration to the state of knowledge of the plant item.

If this plant item is being purchased for use at a place of work, the purchaser is reminded of their obligations to review the hazard register and in consultation with employees, prepare a formal risk assessment for the operation of the plant item in the new environment.

In order to assess the risk, it is necessary to consider the likelihood of an incident that would impact (consequence) on health and safety at the workplace. The following guidelines are provided to assist the purchaser to complete the plant assessment.

Likelihood

- 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

Consequences

- 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 situations, employees/operators must be made aware of the control measures in place to protect them from the plant hazards.

Hazard Register



Type	GAP BED LATHE	Location	Grays Online
Make	DASHIN	Lot Number	0601
Model	1250	Sale Number	7000435
Serial Number		Vendor Number	

ID	Hazard Type	Hazard Description
39981.1	Ergonomics	HANDLING OF WORKPIECES ON/OFF THE PLANT. CONDUCT MANUAL HANDLING RISK ASSESSMENT FOR TASK(S) ASSOCIATED WITH THE OPERATION OF THE PLANT
39981.2	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.
39981.3	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.
39981.4	Electrical	PLANT TO BE USED WITH AN ELECTRICAL CIRCUIT BREAKER (SAFETY SWITCH) AND OVERLOAD PROTECTION.
39981.5	Emergency Stop	NOT PRESENT. ENSURE TO INSTALL A E-STOP. REGULARLY CHECK OPERATION OF EMERGENCY STOPS (E-STOPS) TO PLANT AS REQUIRED BY AS4024.1 SAFE GUARDING OF MACHINERY - GENERAL PRINCIPLES.
39981.6	Thermal	FRICTION/ABRASION/HOT SURFACES ASSOCIATED WITH THE PLANT
39981.7	Slipping and Tripping	Obstacles being placed in the vicinity of the plant. Wooden floor plant forms to be secured in place
39981.8	Chemicals	AIRBORNE DUST PARTICLES AND OTHER CHEMICALS ASSOCIATED WITH THE PLANT AND/OR PROCESS. DOCUMENT RISK ASSESSMENT OF CHEMICALS ASSOCIATED WITH THE PLANT AND REFER TO MSDS. DUST EXTRACTION SYSTEM TO BE FITTED AND PROVIDE EYE AND BREATHING PPE AS APPROPRIATE.
39981.9	Mechanical	STRIKING - BY WORKPIECES AND/OR DAMAGED PART OF THE PLANT EJECTING FROM THE PLANT.
39981.10	Controls	UNATTENDED PLANT SHOULD HAVE POWERED MOTIONS DISABLED/RESIDUAL ENERGIES RELEASED AND PLANT ISOLATED.
39981.11	Training	PROVIDE ANY MANUFACTURER'S MANUALS/INSTRUCTIONS FOR THE PLANT
39981.12	Clothing	ENTANGLEMENT - DO NOT OPERATE PLANT WITH LOOSE CLOTHING, OPENABLE DRIVE/ADJUSTMENT AND OTHER MECHANISMS ASSOCIATED WITH THE PLANT.
39981.13	Mechanical	ENTANGLEMENT/STRIKING/CUTTING - DO NOT PLACE HANDS OR OTHER PARTS OF THE BODY ON SPINDLE/CHUCK. ENSURE GUARDING IS IMPLEMENTED IN ACCORDANCE WITH AS4024.1: SAFEGUARDING OF MACHINERY.
39981.14	Guarding	GUARDING AROUND MOVING PARTS SHOULD BE IN ACCORDANCE WITH AS4024.1: SAFE GUARDING OF MACHINERY. GUARDING CURRENTLY AROUND SPINDLE AND CENTRE PIECE ADJUSTOR.
39981.15	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
39981.16	Skills	PLANT TO BE USED AND ACCESSED BY COMPETENT/SKILLED PERSONEL ONLY.
39981.17	Plant Operation	NO MAINTENANCE OR SERVICE RECORDS AVAILABLE. CONDUCT REGULAR DOCUMENTED SERVICE/INSPECTION OF THE PLANT. MAINTAIN RECORDS OF CHANGES/MODIFICATIONS MADE TO THE PLANT.
39981.18	PPE	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.)
39981.19	Controls	SOME LABELLING PRESENT. PROVIDE INSTRUCTIONSTHAT ALLOW OPERATORS TO DETERMINE APPROPRIATE CONTROLS.
39981.20	Plant Operation	ENERGY SOURCES ASSOCIATED WITH THE PLANT (ELECTRICAL, HYDRAULIC, 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.

Please refer to asset safety information overleaf

Hazard Register



Occupational Health and Safety Plant Safety Purchaser Information

This plant health and safety information has been prepared by Graysonline for the purchaser of the plant item as required by National and State OHS Legislation. Whilst every effort has been made to identify all of the hazards, it should be recognised that such hazards have been identified given due consideration to the state of knowledge of the plant item.

If this plant item is being purchased for use at a place of work, the purchaser is reminded of their obligations to review the hazard register and in consultation with employees, prepare a formal risk assessment for the operation of the plant item in the new environment.

In order to assess the risk, it is necessary to consider the likelihood of an incident that would impact (consequence) on health and safety at the workplace. The following guidelines are provided to assist the purchaser to complete the plant assessment.

Likelihood

- 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

Consequences

- 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:

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Hazard Register



Type	SLOTING MACHINE	Location	Grays Online
Make	Unbranded	Lot Number	0602
Model	Unknown	Sale Number	7000435
Serial Number		Vendor Number	

ID	Hazard Type	Hazard Description
39982.1	Electrical	PLANT NEEDS TO BE REGULARLY INSPECTED AND MAINTAINED AS PER AS/NZS3760: IN-SERVICE SAFETY INSPECTION AND TESTING OF ELECTRICAL EQUIPMENT, AS/NZS3000: WIRING RULES, AS1543: ELECTRICAL EQUIPMENT OF INDUSTRIAL MACHINES.
39982.2	Guarding	DRAWING IN/STABBING HAZARD: INSTALL GUARDING TO AS4804: SAFEGUARDING MACHINERY.
39982.3	Air Quality	DUST PARTICLES AND OTHER CHEMICALS ASSOCIATED WITH THE PLANT. DOCUMENT RISK ASSESSMENT, REFER TO MSDS.
39982.4	Electrical	PLANT TO BE USED WITH AN EARTH LEAKAGE CIRCUIT BREAKER (ELCB) AND OVERLOAD PROTECTION.
39982.5	Plant Operation	ALL ENERGY SOURCES ASSOCIATED WITH THE PLANT TO BE ISOLATED WHEN PLANT IS CLEANED/MAINTAINED. ALL GUARDS TO BE REPLACED/FITTED BEFORE THE PLANT IS PUT BACK INTO SERVICE.
39982.6	Plant Structure	PLANT TO BE MOUNTED/FIXED INTO POSITION AS PER MANUFACTURER'S INSTRUCTIONS.
39982.7	Skills	PLANT TO BE USED AND ACCESSED BY COMPETENT/SKILLED PERSONEEL ONLY.
39982.8	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.
39982.9	Signage	ATTACH CLEAR AND VISIBLE HAZARD WARNINGS re HOT SURFACES,SHARP EDGES AND USE OF EYE, FACE PROTECTION.
39982.10	Plant Operation	NO SERVICE OR MAINTENANCE RECORDS AVAILABLE. PROVIDE/REFER TO ANY MANUFACTURER'S MAINTENANCE, OPERATIONAL AND/OR INSTRUCTION MANUAL.
39982.11	PPE	PERSONAL PROTECTIVE EQUIPMENT (PPE) - IDENTIFY TYPE AND PROVIDE INSTRUCTION/INFORMATION RE: USE, STORAGE, CARE AND MAINTENANCE.
39982.12	Plant Structure	PLANT INCL. TOOLS TO BE REGULARLY CHECKED AND CONDITION DOCUMENTED. MAINTAIN RECORDS OF ANY MODIFICATION/CHANGES MADE TO THE PLANT.
39982.13	Signage	ALL OPERATOR CONTROLS AND LEVERS TO BE CLEARLY IDENTIFIED AND LABELLED.
39982.14	Plant Operation	ATTACH OPERATING INSTRUCTIONS IN A CLEAR AND VISIBLE POSITION TO OPERATOR.

Please refer to asset safety information overleaf

Hazard Register



Occupational Health and Safety Plant Safety Purchaser Information

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In order to assess the risk, it is necessary to consider the likelihood of an incident that would impact (consequence) on health and safety at the workplace. The following guidelines are provided to assist the purchaser to complete the plant assessment.

Likelihood

- 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

Consequences

- 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

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Hazard Register



Type	GAP BED LATHE	Location	Grays Online
Make	KOHAN	Lot Number	0603
Model	LCK-1	Sale Number	7000435
Serial Number		Vendor Number	

ID	Hazard Type	Hazard Description
39983.1	Chemicals	AIRBORNE DUST PARTICLES AND OTHER CHEMICALS ASSOCIATED WITH THE PLANT AND/OR PROCESS. DOCUMENT RISK ASSESSMENT OF CHEMICALS ASSOCIATED WITH THE PLANT AND REFER TO MSDS. DUST EXTRACTION SYSTEM TO BE FITTED AND PROVIDE EYE AND BREATHING PPE AS APPROPRIATE.
39983.2	Slipping and Tripping	Obstacles being placed in the vicinity of the plant. Wooden floor plant forms to be secured in place
39983.3	Thermal	FRICTION/ABRASION/HOT SURFACES ASSOCIATED WITH THE PLANT
39983.4	Emergency Stop	NOT PRESENT. ENSURE TO INSTALL A E-STOP. REGULARLY CHECK OPERATION OF EMERGENCY STOPS (E-STOPS) TO PLANT AS REQUIRED BY AS4024.1 SAFE GUARDING OF MACHINERY - GENERAL PRINCIPLES.
39983.5	Electrical	PLANT TO BE USED WITH AN ELECTRICAL CIRCUIT BREAKER (SAFETY SWITCH) AND OVERLOAD PROTECTION.
39983.6	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.
39983.7	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.
39983.8	Ergonomics	HANDLING OF WORKPIECES ON/OFF THE PLANT. CONDUCT MANUAL HANDLING RISK ASSESSMENT FOR TASK(S) ASSOCIATED WITH THE OPERATION OF THE PLANT
39983.9	Controls	SOME LABELLING PRESENT. PROVIDE INSTRUCTIONSTHAT ALLOW OPERATORS TO DETERMINE APPROPRIATE CONTROLS.
39983.10	Plant Operation	ENERGY SOURCES ASSOCIATED WITH THE PLANT (ELECTRICAL, HYDRAULIC, 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.
39983.11	Plant Operation	NO MAINTENANCE OR SERVICE RECORDS AVAILABLE. CONDUCT REGULAR DOCUMENTED SERVICE/INSPECTION OF THE PLANT. MAINTAIN RECORDS OF CHANGES/MODIFICATIONS MADE TO THE PLANT.
39983.12	PPE	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.)
39983.13	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
39983.14	Skills	PLANT TO BE USED AND ACCESSED BY COMPETENT/SKILLED PERSONEL ONLY.
39983.15	Mechanical	ENTANGLEMENT/STRIKING/CUTTING - DO NOT PLACE HANDS OR OTHER PARTS OF THE BODY ON SPINDLE/CHUCK. ENSURE GUARDING IS IMPLEMENTED IN ACCORDANCE WITH AS4024.1: SAFEGUARDING OF MACHINERY.
39983.16	Guarding	GUARDING AROUND MOVING PARTS SHOULD BE IN ACCORDANCE WITH AS4024.1: SAFE GUARDING OF MACHINERY. GUARDING CURRENTLY AROUND SPINDLE AND CENTRE PIECE ADJUSTOR.
39983.17	Training	PROVIDE ANY MANUFACTURER'S MANUALS/INSTRUCTIONS FOR THE PLANT
39983.18	Clothing	ENTANGLEMENT - DO NOT OPERATE PLANT WITH LOOSE CLOTHING, OPENABLE DRIVE/ADJUSTMENT AND OTHER MECHANISMS ASSOCIATED WITH THE PLANT.
39983.19	Mechanical	STRIKING - BY WORKPIECES AND/OR DAMAGED PART OF THE PLANT EJECTING FROM THE PLANT.
39983.20	Controls	UNATTENDED PLANT SHOULD HAVE POWERED MOTIONS DISABLED/RESIDUAL ENERGIES RELEASED AND PLANT ISOLATED.

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Hazard Register



Occupational Health and Safety Plant Safety Purchaser Information

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Consequences

- 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
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Extreme risk – unacceptable, where immediate action required.

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Hazard Register



Type	SURFACE GRINDER	Location	Grays Online
Make	MACSON	Lot Number	06024
Model	AX510	Sale Number	7000435
Serial Number		Vendor Number	

ID	Hazard Type	Hazard Description
39984.1	Air Quality	AIRBORNE DUST PARTICLES AND OTHER CHEMICALS ASSOCIATED WITH THE PLANT AND/OR PROCESS. DOCUMENT RISK ASSESSMENT OF CHEMICALS ASSOCIATED WITH THE PLANT AND REFER TO MSDS. PROVIDE EYE AND BREATHING PPE AS APPROPRIATE.
39984.2	Manual Handling	HANDLING OF WORKPIECES ON/OFF THE PLANT. CONDUCT MANUAL HANDLING RISK ASSESSMENT FOR TASK(S) ASSOCIATED WITH THE OPERATION OF THE PLANT.
39984.3	Plant Operation	ATTACH OPERATING INSTRUCTIONS IN A CLEAR AND VISIBLE POSITION TO OPERATOR.
39984.4	Electrical	PLANT TO BE USED WITH AN ELECTRICAL CIRCUIT BREAKER (SAFETY SWITCH) AND OVERLOAD PROTECTION.
39984.5	Plant Structure	PLANT TO BE MOUNTED/FIXED INTO POSITION AS PER MANUFACTURER'S INSTRUCTIONS
39984.6	Skills	PLANT TO BE USED AND ACCESSED BY COMPETENT/SKILLED PERSONEL ONLY.
39984.7	Entanglement	ENTANGLEMENT/STRIKING/CUTTING/RUN-DOWN - DO NOT PLACE HANDS OR OTHER PARTS OF THE BODY NEAR CUTTING EDGES OR ROTATING PARTS OF THE PLANT WHEN SETTING UP AND/OR FEEDING MATERIAL FOR THE PLANT. DO NOT USE WHEN WEARING LOOSE CLOTHING.
39984.8	Plant Operation	REFER TO MAINTENANCE OR SERVICE RECORDS AS REPORTED AVAILABLE. CONDUCT REGULAR DOCUMENTED SERVICE/INSPECTION OF THE PLANT. MAINTAIN RECORDS OF CHANGES/MODIFICATIONS MADE
39984.9	Signage	Operator injury may result from illegible or missing warning labels/signage (noise, PPE, operating instructions, hot surfaces, exits, rotating fans, nip points etc). Regular inspection and replacement of warning labels (SAFETY DECALS) is required.
39984.10	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.
39984.11	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.
39984.12	SLIP TRIP FALL	SLIP/TRIP FROM DUST, HOSES, OFF-CUTS, MATERIAL TROLLEYS ETC. IN THE VICINITY OF THE PLANT.
39984.13	Thermal	FRICTION / ABRASION / DISINTEGRATION / MATERIAL COMING LOOSE ASSOCIATED WITH GRINDING WHEEL/TOOL. REGULARLY MAINTAIN GRINDING WHEEL. FIT/ADJUST TOOL REST AND PROTECTIVE VISOR GUARD TO THE PLANT.
39984.14	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. REVIEW AND REPAIR WIRING AS APPROPRIATE.
39984.15	Vibration	VIBRATION - HOLDING WORKPIECE AGAINST HIGH SPEED ROTATING GRINDING WHEEL. PROVIDE HAZARD WARNING SIGN/INSTRUCTION ABOUT "WHITE FINGER".
39984.16	PPE	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.)

Please refer to asset safety information overleaf

Hazard Register



Occupational Health and Safety Plant Safety Purchaser Information

This plant health and safety information has been prepared by Graysonline for the purchaser of the plant item as required by National and State OHS Legislation. Whilst every effort has been made to identify all of the hazards, it should be recognised that such hazards have been identified given due consideration to the state of knowledge of the plant item.

If this plant item is being purchased for use at a place of work, the purchaser is reminded of their obligations to review the hazard register and in consultation with employees, prepare a formal risk assessment for the operation of the plant item in the new environment.

In order to assess the risk, it is necessary to consider the likelihood of an incident that would impact (consequence) on health and safety at the workplace. The following guidelines are provided to assist the purchaser to complete the plant assessment.

Likelihood

- 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

Consequences

- 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 situations, employees/operators must be made aware of the control measures in place to protect them from the plant hazards.

Hazard Register



Type	BENCH TOP TOOL SHARPENER	Location	Grays Online
Make	KING	Lot Number	0626
Model	Unknown	Sale Number	7000435
Serial Number		Vendor Number	

ID	Hazard Type	Hazard Description
39985.1	Training	PROVIDE ANY MANUFACTURER'S MANUALS/INSTRUCTIONS FOR THE PLANT
39985.2	Manual Handling	HANDLING OF WORKPIECES ON/OFF THE PLANT. CONDUCT MANUAL HANDLING RISK ASSESSMENT FOR TASK(S) ASSOCIATED WITH THE OPERATION OF THE PLANT.
39985.3	Guarding	ENSURE GUARDING OF PLANT IS IN ACCORDANCE WITH AS 4024 SAFETY OF MACHINERY.
39985.4	Plant Structure	PLANT TO BE MOUNTED/FIXED INTO POSITION AS PER MANUFACTURER'S INSTRUCTIONS
39985.5	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
39985.6	Vibration	VIBRATION - HOLDING WORKPIECE AGAINST HIGH SPEED ROTATING BRINDING WHEEL. PROVIDE HAZARD WARNING SIGN/INSTRUCTION ABOUT "WHITE FINGER".
39985.7	Thermal	FRICTION / ABRASION / DISINTEGRATION / MATERIAL COMMING LOOSE ASSOCIATED WITH GRINDING WHEEL/TOOL. REGULARLY MAINTAIN GRINDING WHEEL.
39985.8	Striking	ENTANGLEMENT/STRIKING - BY WORKPIECES AND/OR DAMAGED PART OF THE PLANT EJECTING FROM THE PLANT. FIT PROTECTIVE GUARD/VISOR TO PLANT.
39985.9	SLIP TRIP FALL	SLIP/TRIP FROM DUST, HOSES, OFF-CUTS, MATERIAL TROLLEYS ETC. IN THE VICINITY OF THE PLANT AND COLLISION BY MOBILE PLANT.
39985.10	PPE	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.)
39985.11	Electrical	PLANT TO BE USED WITH AN ELECTRICAL CIRCUIT BREAKER (SAFETY SWITCH) AND OVERLOAD PROTECTION.
39985.12	Plant Operation	NO MAINTENANCE OR SERVICE RECORDS AVAILABLE. CONDUCT REGULAR DOCUMENTED SERVICE/INSPECTION OF THE PLANT. MAINTAIN RECORDS OF CHANGES/MODIFICATIONS MADE TO THE PLANT.
39985.13	Entanglement	ENTANGLEMENT/STRIKING/CUTTING/RUN-DOWN - DO NOT PLACE HANDS OR OTHER PARTS OF THE BODY NEAR CUTTING EDGES OR ROTATING PARTS OF THE PLANT WHEN SETTING UP AND/OR FEEDING MATERIAL FOR THE PLANT. DO NOT USE WHEN WEARING LOOSE CLOTHING.
39985.14	Air Quality	AIRBORNE DUST PARTICLES AND OTHER CHEMICALS ASSOCIATED WITH THE PLANT AND/OR PROCESS. DOCUMENT RISK ASSESSMENT OF CHEMICALS ASSOCIATED WITH THE PLANT AND REFER TO MSDS. PROVIDE EYE AND BREATHING PPE AS APPROPRIATE.
39985.15	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.
39985.16	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.
39985.17	Skills	PLANT TO BE USED AND ACCESSED BY COMPETENT/SKILLED PERSONEL ONLY.

Please refer to asset safety information overleaf

Hazard Register



Occupational Health and Safety Plant Safety Purchaser Information

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If this plant item is being purchased for use at a place of work, the purchaser is reminded of their obligations to review the hazard register and in consultation with employees, prepare a formal risk assessment for the operation of the plant item in the new environment.

In order to assess the risk, it is necessary to consider the likelihood of an incident that would impact (consequence) on health and safety at the workplace. The following guidelines are provided to assist the purchaser to complete the plant assessment.

Likelihood

- 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

Consequences

- 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

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Extreme risk – unacceptable, where immediate action required.

In all situations, employees/operators must be made aware of the control measures in place to protect them from the plant hazards.

Hazard Register



Type	WIRE CUTTER	Location	Grays Online
Make	Unbranded	Lot Number	0644
Model	Unknown	Sale Number	7000435
Serial Number		Vendor Number	

ID	Hazard Type	Hazard Description
39986.1	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 RECOGNISED QUALIFICATION TO OPERATE THAT PLANT [OCCUPATIONAL HEALTH AND SAFETY REGULATION 2001, CLAUSE 270]. ENSURE OPERATOR IS APPROPRIATELY LICENSED/CERTIFIED/COMPETENCY ASSESSED TO OPERATE PLANT. ENSURE RECORDS OF QUALIFICATIONS ARE RETAINED ONSITE
39986.2	Risk Control	IDENTIFY ALL OPERATIONAL HAZARDS ASSOCIATED WITH PLANT, RISK ASSESS IDENTIFIED HAZARDS AS PER AS4360:2004 RISK MANAGEMENT AND IMPLEMENT APPROPRIATE CONTROLS. DOCUMENT ALL RISK ASSESSMENTS
39986.3	Manual Handling	IDENTIFY AND ASSESS ALL MANUAL HANDLING HAZARDS ASSOCIATED WITH THE OPERATION OF THE PLANT. DOCUMENT ASSESSMENT PROCESS AND IMPLEMENT CONTROLS AS PER AS4360:2004 RISK MANAGEMENT
39986.4	High Pressure Fluid	HYDRAULIC PRESSURE PRESENT. ENSURE THAT ALL PRESSURE IS RELEASED PRIOR TO PERFORMING MAINTENANCE OR DE-COMMISSIONING TASKS.
39986.5	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 AS/NZS 1269.1:1998 OCCUPATIONAL NOISE MANAGEMENT PART 1: MEASUREMENT AND ASSESSMENT OF NOISE IMISSION 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.
39986.6	Signage	ALL OPERATOR CONTROLS TO BE CLEARLY IDENTIFIED AND LABELLED. HAZARDS WARINGS REGARDING ELECTRICAL DISCHARGE, AND POTENTIAL FLASH TO BE AFFIXED TO PLANT.
39986.7	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 TASKS [OCCUPATIONAL HEALTH AND SAFETY REGULATION 2001, CLAUSE 137(1)(A)-(C)]. 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 [OCCUPATIONAL HEALTH AND SAFETY REGULATION 2001, CLAUSE 137(2)] LOCKOUT OR ISOLATION DEVICES, DANGER TAGS , PERMIT TO WORK SYSTEMS OR OTHER CONTROL MEASURES.
39986.9	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. PLANT TO BE USED IN CONJUNCTION WITH EARTH LEAKAGE CIRCUIT BREAKER (SAFETY SWITCH) AND OVERLOAD PROTECTION.
39986.10	Fumes	AIRBORNE FUMES AND PARTICLES ASSOCIATED WITH THE USE OF THE CUTTER AND THE CUTTING PROCESS. REFER TO MSDS, UNDERTAKE ANALYSIS OF AIRBORNE CONCENTRATION OF FUME, UNDERTAKE RISK ASSESSMENT AND IMPLEMENT APPROPRIATE CONTROLS EG FUME/ DUST EXTRACTION SYSTEM.
39986.11	Hazardous Substances	DOCUMENT RISK ASSESSMENT OF CHEMICALS AND OTHER FLUIDS ASSOCIATED WITH THE PLANT AS PER AS4360-2004 RISK MANAGEMENT AND IMPLEMENT APPROPRIATE CONTROLS. REFER TO MSDS. PROVIDE EYE AND BREATHING PPE AS APPROPRIATE.

Please refer to asset safety information overleaf

Hazard Register



39986.12	PPE	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.)
39986.13	Guarding	EXPOSED ELECTRICAL DISCHARGE DURING OPERATION. ENSURE PLANT IS GUARDED AS REQUIRED BY AS4024.1 SAFEGUARDING OF MACHINERY - GENERAL PRINCIPLES.
39986.14	Electrical	FIT/CHECK COMPLIANT LATCHING EMERGENCY STOP (E-STOP) TO PLANT AS REQUIRED BY AS4024.1 SAFE GUARDING OF MACHINERY - GENERAL PRINCIPLES. PLANT TO BE USED WITH AN ELECTRICAL CIRCUIT BREAKER (SAFETY SWITCH) AND OVERLOAD PROTECTION.
39986.15	SAFE WORK METHOD STATEMENT(SWMS)	CONDUCT SAFE WORK METHOD STATEMENTS FOR TASKS ASSOCIATED WITH REMOVAL AND REINSTALLATION OF PLANT AS REQUIRED BY NSW OCCUPATIONAL HEALTH AND SAFETY REGULATIONS AND CODES OF PRACTICE.

Hazard Register



Occupational Health and Safety Plant Safety Purchaser Information

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If this plant item is being purchased for use at a place of work, the purchaser is reminded of their obligations to review the hazard register and in consultation with employees, prepare a formal risk assessment for the operation of the plant item in the new environment.

In order to assess the risk, it is necessary to consider the likelihood of an incident that would impact (consequence) on health and safety at the workplace. The following guidelines are provided to assist the purchaser to complete the plant assessment.

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

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Extreme risk – unacceptable, where immediate action required.

In all situations, employees/operators must be made aware of the control measures in place to protect them from the plant hazards.

Hazard Register



Type	ROD CUTTING MACHINE	Location	Grays Online
Make	Unbranded	Lot Number	0646
Model	Unknown	Sale Number	7000435
Serial Number		Vendor Number	

ID	Hazard Type	Hazard Description
39987.1	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 RECOGNISED QUALIFICATION TO OPERATE THAT PLANT [OCCUPATIONAL HEALTH AND SAFETY REGULATION 2001, CLAUSE 270]. ENSURE OPERATOR IS APPROPRIATELY LICENSED/CERTIFIED/COMPETENCY ASSESSED TO OPERATE PLANT. ENSURE RECORDS OF QUALIFICATIONS ARE RETAINED ONSITE
39987.2	Electrical	FIT/CHECK COMPLIANT LATCHING EMERGENCY STOP (E-STOP) TO PLANT AS REQUIRED BY AS4024.1 SAFE GUARDING OF MACHINERY - GENERAL PRINCIPLES. PLANT TO BE USED WITH AN ELECTRICAL CIRCUIT BREAKER (SAFETY SWITCH) AND OVERLOAD PROTECTION.
39987.3	SAFE WORK METHOD STATEMENT(SWMS)	CONDUCT SAFE WORK METHOD STATEMENTS FOR TASKS ASSOCIATED WITH REMOVAL AND REINSTALLATION OF PLANT AS REQUIRED BY NSW OCCUPATIONAL HEALTH AND SAFETY REGULATIONS AND CODES OF PRACTICE.
39987.4	PPE	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.)
39987.5	Guarding	EXPOSED ELECTRICAL DISCHARGE DURING OPERATION. ENSURE PLANT IS GUARDED AS REQUIRED BY AS4024.1 SAFEGUARDING OF MACHINERY - GENERAL PRINCIPLES.
39987.6	Fumes	AIRBORNE FUMES AND PARTICLES ASSOCIATED WITH THE USE OF THE CUTTER AND THE CUTTING PROCESS. REFER TO MSDS, UNDERTAKE ANALYSIS OF AIRBORNE CONCENTRATION OF FUME, UNDERTAKE RISK ASSESSMENT AND IMPLEMENT APPROPRIATE CONTROLS EG FUME/ DUST EXTRACTION SYSTEM.
39987.7	Hazardous Substances	DOCUMENT RISK ASSESSMENT OF CHEMICALS AND OTHER FLUIDS ASSOCIATED WITH THE PLANT AS PER AS4360-2004 RISK MANAGEMENT AND IMPLEMENT APPROPRIATE CONTROLS. REFER TO MSDS. PROVIDE EYE AND BREATHING PPE AS APPROPRIATE.
39987.8	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. PLANT TO BE USED IN CONJUNCTION WITH EARTH LEAKAGE CIRCUIT BREAKER (SAFETY SWITCH) AND OVERLOAD PROTECTION.
39987.9	Signage	ALL OPERATOR CONTROLS TO BE CLEARLY IDENTIFIED AND LABELLED. HAZARDS WARINGS REGARDING ELECTRICAL DISCHARGE, AND POTENTIAL FLASH TO BE AFFIXED TO PLANT.
39987.10	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 TASKS [OCCUPATIONAL HEALTH AND SAFETY REGULATION 2001, CLAUSE 137(1)(A)-(C)]. 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 [OCCUPATIONAL HEALTH AND SAFETY REGULATION 2001, CLAUSE 137(2)] LOCKOUT OR ISOLATION DEVICES, DANGER TAGS , PERMIT TO WORK SYSTEMS OR OTHER CONTROL MEASURES.
39987.11	High Pressure Fluid	HYDRAULIC PRESSURE PRESENT. ENSURE THAT ALL PRESSURE IS RELEASED PRIOR TO PERFORMING MAINTENANCE OR DE-COMMISSIONING TASKS.
39987.12	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 AS/NZS 1269.1:1998 OCCUPATIONAL NOISE MANAGEMENT PART 1: MEASUREMENT AND

Please refer to asset safety information overleaf

Hazard Register



ASSESSMENT OF NOISE IMISSION 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.

39987.13 Risk Control

IDENTIFY ALL OPERATIONAL HAZARDS ASSOCIATED WITH PLANT, RISK ASSESS IDENTIFIED HAZARDS AS PER AS4360:2004 RISK MANAGEMENT AND IMPLEMENT APPROPRIATE CONTROLS. DOCUMENT ALL RISK ASSESSMENTS

39987.14 Manual Handling

IDENTIFY AND ASSESS ALL MANUAL HANDLING HAZARDS ASSOCIATED WITH THE OPERATION OF THE PLANT. DOCUMENT ASSESSMENT PROCESS AND IMPLEMENT CONTROLS AS PER AS4360:2004 RISK MANAGEMENT

Hazard Register



Occupational Health and Safety Plant Safety Purchaser Information

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In order to assess the risk, it is necessary to consider the likelihood of an incident that would impact (consequence) on health and safety at the workplace. The following guidelines are provided to assist the purchaser to complete the plant assessment.

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

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High risk – considered to be unacceptable and requiring action within the short to medium term.

Extreme risk – unacceptable, where immediate action required.

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Hazard Register



Type	WIRE STRAIGHTENER	Location	Grays Online
Make	CUSTOMBUILT	Lot Number	0647
Model	Unknown	Sale Number	7000435
Serial Number		Vendor Number	

ID	Hazard Type	Hazard Description
39988.1	Skills	PLANT TO BE USED AND ACCESSED BY COMPETENT/SKILLED PERSONEL ONLY.
39988.2	Plant Operation	IMPLEMENT SAFE OPERATING PROCEDURES FOR THE OPERATION OF PLANT AND ERECT IN A VISIBLE LOCATION AT OPERATOR WORKSTATIONS.
39988.3	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. REVIEW EXISTING WIRING. REPAIR AS APPROPRIATE.
39988.4	Guarding	FIXED GUARDING OPENABLE BY ONLY TOOL OR KEY ARRANGEMENT OVER THE BELT DRIVE OF MOTOR. GUARDING SHOULD BE IN ACCORDANCE WITH AS4024.1: SAFEGUARDING OF MACHINERY.
39988.5	Signage	SOME SIGNAGE ALERTING OPERATORS OF MOVING PARTS AND ELECTRICAL HAZARDS IS ATTACHED
39988.6	Maintenance	IMPLEMENT LOCKOUT/TAGOUT SYSTEM FOR MAINTENANCE OPERATIONS CONDUCTED ON THE PLANT
39988.7	Operator controls	OPERATOR CONTROLS SHOULD BE LABELLED CLEARLY SO THE OPERATOR IS AWARE OF THE APPROPRIATE CONTROLS.
39988.8	Entanglement	ENTANGLEMENT WITH DRILL PIECE ATTACHMENTS WHILE MACHINE OPERATIONAL. GUARDING SHOULD BE IN ACCORDANCE WITH AS4024.1: SAFEGUARDING OF MACHINERY.
39988.9	Plant Operation	ENERGY SOURCES ASSOCIATED WITH THE PLANT TO BE ISOLATED WHEN THE PLANT IS BEING CLEANED/MAINTAINED/DISMANTLED.
39988.10	Plant Controls	LABEL AND TEST EMERGENCY STOP IN ACCORDANCE WITH EN414
39988.11	Plant Structure & Operation	READ MANUFACTURER'S GUIDELINES ON SAFE PLANT MAINTENANCE AND OPERATION.
39988.12	Air Quality	DUST PARTICLES AND OTHER CHEMICALS ASSOCIATED WITH THE PLANT. DOCUMENT RISK ASSESSMENT, REFER TO MSDS.
39988.13	PPE	PERSONAL PROTECTIVE EQUIPMENT (PPE) - IDENTIFY TYPE AND PROVIDE INSTRUCTION/INFORMATION RE: USE, STORAGE, CARE AND MAINTENANCE.
39988.14	Plant Structure	ENSURE THAT DISMANTLING, TRANSPORT AND STOWING IS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
39988.15	Plant Operation	NO MAINTENANCE OR SERVICE RECORDS AVAILABLE AT THE TIME OF INSPECTION. CONDUCT REGULAR DOCUMENTED SERVICE/INSPECTIONS OF THE PLANT. MAINTAIN RECORDS OF CHANGES/MODIFICATIONS MADE TO THE PLANT.
39988.16	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.
39988.17	Electrical	PLANT TO BE USED WITH AN ELECTRICAL CIRCUIT BREAKER (SAFETY SWITCH) AND OVERLOAD PROTECTION.

Please refer to asset safety information overleaf

Hazard Register



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In order to assess the risk, it is necessary to consider the likelihood of an incident that would impact (consequence) on health and safety at the workplace. The following guidelines are provided to assist the purchaser to complete the plant assessment.

Likelihood

- 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

Consequences

- 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.

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Hazard Register



Type	WELDING ROBOT	Location	Grays Online
Make	PANASONIC	Lot Number	0666
Model	Unknown	Sale Number	7000435
Serial Number		Vendor Number	

ID	Hazard Type	Hazard Description
39989.1	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.
39989.2	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
39989.3	Skills	PLANT TO BE USED AND ACCESSED BY COMPETENT/SKILLED PERSONEL ONLY.
39989.4	PPE	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.)
39989.5	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.
39989.6	Plant Maintenance	IMPLEMENT LOCKOUT/TAGOUT SYSTEM FOR MAINTENANCE OPERATIONS CONDUCTED ON THE PLANT
39989.7	Entanglement	ENSURE SAFETY ISOLATION SWITCHES ATTACHED TO OPENABLE GUARD GATES ARE REPORSITIONED AND TESTED ON A REGULAR BASIS AS PER GUARDING STANDARD AS 4024.
39989.8	Controls	NO DOCUMENTED INTSRUCTIONS PROVIDED FOR THE PLANT, OPERATOR CONTROLS AND STOP/START NOT CLEARLY LABELED

Please refer to asset safety information overleaf

Hazard Register



Occupational Health and Safety Plant Safety Purchaser Information

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Likelihood

- 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

Consequences

- 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

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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.

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Hazard Register



Type	TICKET STRIP MACHINE	Location	GraysOnline
Make	Unbranded	Lot Number	0668
Model	Unknown	Sale Number	7000435
Serial Number		Vendor Number	

ID	Hazard Type	Hazard Description
39990.1	Plant Operation	RELEASE OF STORED ENERGY DUE TO MALFUNCTION AND OR DAMAGE TO THE PLANT
39990.2	Ergonomic	Operator strains and/or sprains from operating plant that has been positioned which requires the operator to have a constrained body posture or require excessive effort
39990.3	Noise	SOUND PRESSURE LEVEL (SPL) NEEDS TESTING AT OPERATOR STATION. IF SPL GREATER THAN 85dB(A), CLEAR & VISIBLE WARNINGS MUST BE ATTACHED re: USE OF HEARING PROTECTION
39990.4	Electrical	NEEDS TO BE USED IN CONJUNCTION WITH EARTH LEAKAGE CIRCUIT BREAKER (ELCB).
39990.5	Emergency Stop	FIT COMPLIANT LATCHING EMERGENCY STOP (E-STOP) TO PLANT AS REQUIRED BY AS4024.1 SAFE GUARDING OF MACHINERY - GENERAL PRINCIPLES. PLANT TO BE USED WITH AN ELECTRICAL CIRCUIT BREAKER (SAFETY SWITCH) AND OVERLOAD PROTECTION..
39990.6	Crushing	Coming in contact with moving parts of the plant during testing, inspection, operation, maintenance, cheaning or repair.
39990.7	Controls	OPERATOR CONTOLS NEED CLEAR IDENTIFICATION & LABELLING.
39990.8	Plant Operation	ISOLATE AND DE-ENERGISE POWER/ENERGY (ELECTRICAL & HYDRAULIC) SUPPLY TO THE PLANT BEFORE CLEANING, DISMANTLING AND MAINTENANCE IS CARRIED OUT ON THE PLANT
39990.9	High Pressure Fluid	HYDRAULIC PRESSURE PRESENT. ENSURE THAT ALL PRESSURE IS RELEASED PRIOR TO PERFORMING MAINTENANCE OR DE-COMISSIONING TASKS. ENSURE PRESSURE DOES NOT EXCEED RATED VALUE.
39990.10	Electrical	PLANT TO BE REGULARLY INSPECTED AND MAINTAINED AS PER AS/NZS3760: IN-SERVICE SAFETY INSPECTION AND TESTING OF ELECTRICAL EQUIPMENT, AS/NZS3000: WIRING RULES AND OR AS1543: ELECTRICAL EQUIPMENT OF INDUSTRIAL MACHINES
39990.11	Guarding	ENSURE GUARDING FOR THE PLANT AS PER THE REQUIREMENTS OF AS4024: SAFEGUARDING OF MACHINERY. PRESS IMPACT AREA MAY BE EXPOSED, GUARDING THEREFORE MAY BE REQUIRED.
39990.12	Signage	HAZARD WARNING SIGN MAY NEED TO BE ATTACHED RE USE OF EYE AND EAR PROTECTION. REFER TO THE MANUFACTURERS MANUAL FOR GUIDANCE OR CONDUCT RISK ASSESSMENTS.
39990.13	Controls	CONDUCT AND DOCUMENT REGULAR INSPECTIONS OF THE PLANT (INCL. SAFETY EQUIPMENT ASSOCIATED WITH THE PLANT).
39990.14	Plant Operation	NO SERVICE OR MAINTENANCE RECORDS AVAILABLE. PLANT TO BE REGULARLY INSPECTED AND MAINTAINED. ENSURE AY SERVICING RECORDS KEPT.
39990.15	Signage	HAZARD WARNING SIGN RE " KEEP HANDS CLEAR OF IMPACT/CRUSHING AREA " TO BE ATTACHED
39990.16	Slipping and Tripping	Obstacles being placed in the vicinity of the plant e.g electrical cords, rubbish, hoses.
39990.17	Plant Operation	ENSURE ONLY TRAINED & COMPETENT PERSONNEL HAVE ACCESS TO THE PLANT
39990.18	Hazardous Substances	PROVIDE MSDS AND CONDUCT RISK ASSESSMENT FOR CHEMICALS ASSOCIATED WITH THE PLANT
39990.19	Plant Operation	NEEDS OPERATING INSTRUCTIONS AFFIXED IN VIEW OF OPERATOR
39990.20	Ergonomic	Repetitive body movement. Ensure manual handling risk assessment has been completed for all tasks in accordance with Workplace Health and Safety (Manual Handling) Regulations 2008.
39990.21	Skills	Plant operated by employees without suitable instruction and training
39990.22	Signage	Operator injury may result from illegible or missing warning labels/signage (noise, PPE, operating instructions, exits etc). Regular inspection and replacement of warning labels is required - Signage is to be compliant with AS 1319 Safety Signs for the Occupational Environment.

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Hazard Register



Occupational Health and Safety Plant Safety Purchaser Information

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Likelihood

- 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

Consequences

- 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

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Hazard Register



Type	SHEET METAL BENDER	Location	GraysOnline
Make	CUSTOM MADE	Lot Number	0671
Model	Unknown	Sale Number	7000435
Serial Number		Vendor Number	

ID	Hazard Type	Hazard Description
40003.1	Cutting, Stabbing and Puncturing	Contact with moving parts of the plant during testing, inspection, operation, maintenance, cleaning or repair of the plant.
40003.2	Skills	ENSURE ONLY TRAINED & COMPETENT PERSONNEL HAVE ACCESS TO THE PLANT
40003.3	Controls	ENSURE ALL OPERATIONAL CONTROLS ARE RE-LABELLED BEFORE PLANT USE.
40003.4	Signage	HAZARD WARNING SIGN RE " KEEP HANDS CLEAR OF IMPACT/FOLDING AREA " TO BE ATTACHED.
40003.5	Noise	SOUND PRESSURE LEVEL (SPL) NEEDS TESTING AT OPERATOR STATION. IF SPL GREATER THAN 85dB(A), CLEAR & VISIBLE WARNINGS MUST BE ATTACHED re: USE OF HEARING PROTECTION
40003.6	Striking	Operator contact with work pieces, swarf, dust, debris or sparks being ejected during plant operation.
40003.7	Manual Handling	Operator strains and/or sprains from handling work pieces, product on and off the plant or as a result of repetitive body movements.
40003.8	SAFETY SIGNAGE	Operator injury may result from illegible or missing warning labels/signage (noise, PPE, operating instructions, hot surfaces etc). Regular inspection and replacement of warning labels (safety decals) is required - Signage is to be compliant with AS 1319 Safety Signs for the Occupational Environment
40003.9	SLIP TRIP FALL	Ensure workspace around plant is kept clear of obstacles and maintained in a neat and tidy condition.
40003.10	Process Manual	ENSURE OPERATIONAL MANUALS AVAILABLE. ENSURE SERVICE OR MAINTENANCE RECORDS AVAILABLE
40003.11	Guarding	PROVIDE GUARDING FOR THE PLANT AS PER THE REQUIREMENTS OF AS4024: SAFEGUARDING OF MACHINERY. INCLUDE GUARDING TO PREVENT ACCESS TO REAR FOLDING AREA OF PLANT.
40003.12	Electrical	NEEDS TO BE USED IN CONJUNCTION WITH EARTH LEAKAGE CIRCUIT BREAKER (ELCB)
40003.13	Electrical	PLANT TO BE REGULARLY INSPECTED AND MAINTAINED AS PER AS/NZS3760: IN-SERVICE SAFETY INSPECTION AND TESTING OF ELECTRICAL EQUIPMENT, AS/NZS3000: WIRING RULES AND OR AS1543: ELECTRICAL EQUIPMENT OF INDUSTRIAL MACHINES
40003.14	Plant Operation	NEEDS OPERATING INSTRUCTIONS AFFIXED IN VIEW OF OPERATOR.
40003.15	AIR PRESSURE	INJECTION. ENSURE LINES, HOSES AND FITTINGS ARE REGULARLY INSPECTED.

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Hazard Register



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- Frequency and duration of exposure
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- Possibility to avoid / minimize or limit the damage, impact or harm
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Consequences

- Assume “worst case” injury, but also competent follow-up medical and rehabilitation support
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Hazard Register



Type	WIRE CUTTER	Location	GraysOnline
Make	Unbranded	Lot Number	0672
Model	Unknown	Sale Number	7000435
Serial Number		Vendor Number	

ID	Hazard Type	Hazard Description
40004.1	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 RECOGNISED QUALIFICATION TO OPERATE THAT PLANT [OCCUPATIONAL HEALTH AND SAFETY REGULATION 2001, CLAUSE 270]. ENSURE OPERATOR IS APPROPRIATELY LICENSED/CERTIFIED/COMPETENCY ASSESSED TO OPERATE PLANT. ENSURE RECORDS OF QUALIFICATIONS ARE RETAINED ONSITE
40004.2	Electrical	FIT/CHECK COMPLIANT LATCHING EMERGENCY STOP (E-STOP) TO PLANT AS REQUIRED BY AS4024.1 SAFE GUARDING OF MACHINERY - GENERAL PRINCIPLES. PLANT TO BE USED WITH AN ELECTRICAL CIRCUIT BREAKER (SAFETY SWITCH) AND OVERLOAD PROTECTION.
40004.3	SAFE WORK METHOD STATEMENT(SWMS)	CONDUCT SAFE WORK METHOD STATEMENTS FOR TASKS ASSOCIATED WITH REMOVAL AND REINSTALLATION OF PLANT AS REQUIRED BY NSW OCCUPATIONAL HEALTH AND SAFETY REGULATIONS AND CODES OF PRACTICE.
40004.4	PPE	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.)
40004.5	Guarding	EXPOSED ELECTRICAL DISCHARGE DURING OPERATION. ENSURE PLANT IS GUARDED AS REQUIRED BY AS4024.1 SAFEGUARDING OF MACHINERY - GENERAL PRINCIPLES.
40004.6	Fumes	AIRBORNE FUMES AND PARTICLES ASSOCIATED WITH THE USE OF THE CUTTER AND THE CUTTING PROCESS. REFER TO MSDS, UNDERTAKE ANALYSIS OF AIRBORNE CONCENTRATION OF FUME, UNDERTAKE RISK ASSESSMENT AND IMPLEMENT APPROPRIATE CONTROLS EG FUME/ DUST EXTRACTION SYSTEM.
40004.7	Hazardous Substances	DOCUMENT RISK ASSESSMENT OF CHEMICALS AND OTHER FLUIDS ASSOCIATED WITH THE PLANT AS PER AS4360-2004 RISK MANAGEMENT AND IMPLEMENT APPROPRIATE CONTROLS. REFER TO MSDS. PROVIDE EYE AND BREATHING PPE AS APPROPRIATE.
40004.8	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. PLANT TO BE USED IN CONJUNCTION WITH EARTH LEAKAGE CIRCUIT BREAKER (SAFETY SWITCH) AND OVERLOAD PROTECTION.
40004.9	Signage	ALL OPERATOR CONTROLS TO BE CLEARLY IDENTIFIED AND LABELLED. HAZARDS WARINGS REGARDING ELECTRICAL DISCHARGE, AND POTENTIAL FLASH TO BE AFFIXED TO PLANT.
40004.10	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 TASKS [OCCUPATIONAL HEALTH AND SAFETY REGULATION 2001, CLAUSE 137(1)(A)-(C)]. 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 [OCCUPATIONAL HEALTH AND SAFETY REGULATION 2001, CLAUSE 137(2)] LOCKOUT OR ISOLATION DEVICES, DANGER TAGS , PERMIT TO WORK SYSTEMS OR OTHER CONTROL MEASURES.
40004.11	High Pressure Fluid	HYDRAULIC PRESSURE PRESENT. ENSURE THAT ALL PRESSURE IS RELEASED PRIOR TO PERFORMING MAINTENANCE OR DE-COMMISSIONING TASKS.
40004.12	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 AS/NZS 1269.1:1998 OCCUPATIONAL NOISE MANAGEMENT PART 1: MEASUREMENT AND

Please refer to asset safety information overleaf

Hazard Register



		ASSESSMENT OF NOISE IMISSION 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.
40004.13	Risk Control	IDENTIFY ALL OPERATIONAL HAZARDS ASSOCIATED WITH PLANT, RISK ASSESS IDENTIFIED HAZARDS AS PER AS4360:2004 RISK MANAGEMENT AND IMPLEMENT APPROPRIATE CONTROLS. DOCUMENT ALL RISK ASSESSMENTS
40004.14	Manual Handling	IDENTIFY AND ASSESS ALL MANUAL HANDLING HAZARDS ASSOCIATED WITH THE OPERATION OF THE PLANT. DOCUMENT ASSESSMENT PROCESS AND IMPLEMENT CONTROLS AS PER AS4360:2004 RISK MANAGEMENT

Hazard Register



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Likelihood

- 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

Consequences

- 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
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Hazard Register



Type	WIRE CUTTER	Location	Grays Online
Make	Unbranded	Lot Number	0673
Model	Unknown	Sale Number	7000435
Serial Number		Vendor Number	

ID	Hazard Type	Hazard Description
40005.1	High Pressure Fluid	HYDRAULIC PRESSURE PRESENT. ENSURE THAT ALL PRESSURE IS RELEASED PRIOR TO PERFORMING MAINTENANCE OR DE-COMMISSIONING TASKS.
40005.2	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 AS/NZS 1269.1:1998 OCCUPATIONAL NOISE MANAGEMENT PART 1: MEASUREMENT AND ASSESSMENT OF NOISE IMISSION 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.
40005.3	Signage	ALL OPERATOR CONTROLS TO BE CLEARLY IDENTIFIED AND LABELLED. HAZARDS WARINGS REGARDING ELECTRICAL DISCHARGE, AND POTENTIAL FLASH TO BE AFFIXED TO PLANT.
40005.4	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 TASKS [OCCUPATIONAL HEALTH AND SAFETY REGULATION 2001, CLAUSE 137(1)(A)-(C)]. 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 [OCCUPATIONAL HEALTH AND SAFETY REGULATION 2001, CLAUSE 137(2)] LOCKOUT OR ISOLATION DEVICES, DANGER TAGS , PERMIT TO WORK SYSTEMS OR OTHER CONTROL MEASURES.
40005.5	Risk Control	IDENTIFY ALL OPERATIONAL HAZARDS ASSOCIATED WITH PLANT, RISK ASSESS IDENTIFIED HAZARDS AS PER AS4360:2004 RISK MANAGEMENT AND IMPLEMENT APPROPRIATE CONTROLS. DOCUMENT ALL RISK ASSESSMENTS
40005.6	Manual Handling	IDENTIFY AND ASSESS ALL MANUAL HANDLING HAZARDS ASSOCIATED WITH THE OPERATION OF THE PLANT. DOCUMENT ASSESSMENT PROCESS AND IMPLEMENT CONTROLS AS PER AS4360:2004 RISK MANAGEMENT
40005.7	Fumes	AIRBORNE FUMES AND PARTICLES ASSOCIATED WITH THE USE OF THE CUTTER AND THE CUTTING PROCESS. REFER TO MSDS, UNDERTAKE ANALYSIS OF AIRBORNE CONCENTRATION OF FUME, UNDERTAKE RISK ASSESSMENT AND IMPLEMENT APPROPRIATE CONTROLS EG FUME/ DUST EXTRACTION SYSTEM.
40005.8	Guarding	EXPOSED ELECTRICAL DISCHARGE DURING OPERATION. ENSURE PLANT IS GUARDED AS REQUIRED BY AS4024.1 SAFEGUARDING OF MACHINERY - GENERAL PRINCIPLES.
40005.9	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. PLANT TO BE USED IN CONJUNCTION WITH EARTH LEAKAGE CIRCUIT BREAKER (SAFETY SWITCH) AND OVERLOAD PROTECTION.
40005.10	Hazardous Substances	DOCUMENT RISK ASSESSMENT OF CHEMICALS AND OTHER FLUIDS ASSOCIATED WITH THE PLANT AS PER AS4360-2004 RISK MANAGEMENT AND IMPLEMENT APPROPRIATE CONTROLS. REFER TO MSDS. PROVIDE EYE AND BREATHING PPE AS APPROPRIATE.
40005.11	Electrical	FIT/CHECK COMPLIANT LATCHING EMERGENCY STOP (E-STOP) TO PLANT AS REQUIRED BY AS4024.1 SAFE GUARDING OF MACHINERY - GENERAL PRINCIPLES. PLANT TO BE USED WITH AN ELECTRICAL CIRCUIT BREAKER (SAFETY SWITCH) AND OVERLOAD PROTECTION.
40005.12	Training & Competency	A PERSON MUST NOT OPERATE OR USE CERTAIN TYPES OF PLANT, OR EMPLOY OR DIRECT ANOTHER

Please refer to asset safety information overleaf

Hazard Register



		PERSON TO OPERATE OR USE SUCH PLANT, IF THE OPERATOR DOES NOT POSSESS A CERTIFICATE OF COMPETENCY OR RECOGNISED QUALIFICATION TO OPERATE THAT PLANT [OCCUPATIONAL HEALTH AND SAFETY REGULATION 2001, CLAUSE 270]. ENSURE OPERATOR IS APPROPRIATELY LICENSED/CERTIFIED/COMPETENCY ASSESSED TO OPERATE PLANT. ENSURE RECORDS OF QUALIFICATIONS ARE RETAINED ONSITE
40005.13	PPE	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.)
40005.14	SAFE WORK METHOD STATEMENT(SWMS)	CONDUCT SAFE WORK METHOD STATEMENTS FOR TASKS ASSOCIATED WITH REMOVAL AND REINSTALLATION OF PLANT AS REQUIRED BY NSW OCCUPATIONAL HEALTH AND SAFETY REGULATIONS AND CODES OF PRACTICE.

Hazard Register



Occupational Health and Safety Plant Safety Purchaser Information

This plant health and safety information has been prepared by Graysonline for the purchaser of the plant item as required by National and State OHS Legislation. Whilst every effort has been made to identify all of the hazards, it should be recognised that such hazards have been identified given due consideration to the state of knowledge of the plant item.

If this plant item is being purchased for use at a place of work, the purchaser is reminded of their obligations to review the hazard register and in consultation with employees, prepare a formal risk assessment for the operation of the plant item in the new environment.

In order to assess the risk, it is necessary to consider the likelihood of an incident that would impact (consequence) on health and safety at the workplace. The following guidelines are provided to assist the purchaser to complete the plant assessment.

Likelihood	Consequences
<ul style="list-style-type: none">Frequency and duration of exposure	<ul style="list-style-type: none">Assume “worst case” injury, but also competent follow-up medical and rehabilitation support
<ul style="list-style-type: none">Probability of occurrence of hazard or event (including part history of incidents)	<ul style="list-style-type: none">Consider forces or energy levels, highest belt tensions, size of gears, pulleys or other entrapment points and therefore body parts likely to be injured
<ul style="list-style-type: none">Possibility to avoid / minimize or limit the damage, impact or harm	<ul style="list-style-type: none">Consider sharpness of entrapment points, surrounding parts likely to exacerbate injury, and any give in the entrapment point
<ul style="list-style-type: none">Reliability and effectiveness of existing / established systems of control	<ul style="list-style-type: none">Consider, will entrapment continue until plant is stopped, or can an injured part travel through the entrapment areaAre 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 situations, employees/operators must be made aware of the control measures in place to protect them from the plant hazards.

Hazard Register



Type	INCLINABLE POWER PRESS	Location	Grays Online
Make	JOHN HEINE	Lot Number	0675
Model	199A SERIES 2	Sale Number	7000435
Serial Number		Vendor Number	

ID	Hazard Type	Hazard Description
40007.1	Plant Operation	ENERGY SOURCES ASSOCIATED WITH THE PLANT (COMPRESSED AIR, ETC.) TO BE ISOLATED WHEN THE PLANT IS BEING DISMANTLED, CLEANED/MAINTAINED. ALL GUARDS REPLACED/FITTED BEFORE THE PLANT IS PUT BACK INTO SERVICE
40007.2	Risk Control	IDENTIFY ALL OPERATIONAL HAZARDS ASSOCIATED WITH PLANT, RISK ASSESS IDENTIFIED HAZARDS AS PER AS4360:2004 RISK MANAGEMENT AND IMPLEMENT APPROPRIATE CONTROLS. DOCUMENT ALL RISK ASSESSMENTS
40007.3	Entanglement	ENSURE THAT GUARDING IS INSTALLED AROUND WORK AREA AND THAT IT IS CORRECTLY SET TO DENY ACCIDENTAL OR UNAUTHORISED ACCESS TO WORK HEAD. IMPROVE GUARDING OVER FLYWHEEL - ENSURE ACCESS TO REAR OF PLANT IS DENIED DURING OPERATION - CONSIDER RESIDUAL ENERGIES. ASSESS PLANT FOR ENTANGLEMENT AND ENTRAPMENT HAZARDS. RISK ASSESS HAZARDS AS PER AS4360:2004 RISK MANAGEMENT AND IMPLEMENT APPROPRIATE CONTROLS.
40007.4	Work Method	AIRBORNE DUST PARTICLES ASSOCIATED WITH THE PLANT AND/OR PROCESS. DOCUMENT RISK ASSESSMENT OF DUST ASSOCIATED WITH THE PLANT AND REFER TO MSDS. PROVIDE VENTILATION, EYE AND BREATHING PPE AS APPROPRIATE.
40007.5	INTERLOCK SYSTEM	ENSURE THAT INTERLOCKS INSTALLED TO PREVENT PLANT CYCLING ARE REGULARLY CHECKED FOR CORRECT OPERATION
40007.6	Electrical	FIT COMPLIANT LATCHING EMERGENCY STOP (E-STOP) TO PLANT AS REQUIRED BY AS4024.1 SAFE GUARDING OF MACHINERY - GENERAL PRINCIPLES. PLANT TO BE USED WITH AN ELECTRICAL CIRCUIT BREAKER (SAFETY SWITCH) AND OVERLOAD PROTECTION.
40007.7	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.
40007.8	Work Space	SLIP/TRIP FROM DUST, HOSES, OFF-CUTS, MATERIAL TROLLEYS ETC. IN THE VICINITY OF THE PLANT.
40007.9	Plant Operation	FRICTION / ABRASION / DISINTEGRATION / MATERIAL COMMING LOOSE ASSOCIATED WITH DIES, WORK PIECES OR ATTACHMENTS . REGULARLY MAINTAIN TOOLS USED WITH THE PLANT . ENSURE THAT GUARDING FOR WORK AREA IS INSTALLED AS REQUIRED BY LEGISLATION.
40007.10	Plant Operation	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.
40007.11	Plant Operation	ENSURE THAT PLANT IS OPERATED IN ACCORDANCE WITH THE GUIDANCE AND GENERAL REQUIREMENTS OF THE NOHSC PUBLICATION: NATIONAL OCCUPATIONAL HEALTH AND SAFETY CERTIFICATION STANDARD FOR USERS AND OPERATORS OF INDUSTRIAL EQUIPMENT - 3RD EDITION [NOHSC:1006 (2001)], NOHSC PUBLICATION: NATIONAL STANDARD FOR PLANT [NOHSC:1010(1994)]
40007.12	Manual Handling	HANDLING OF WORKPIECES. CONDUCT MANUAL HANDLING RISK ASSESSMENT FOR TASK(S) ASSOCIATED WITH THE OPERATION OF THE PLANT.
40007.13	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 AS/NZS 1269.1:1998 OCCUPATIONAL NOISE MANAGEMENT PART 1: MEASUREMENT AND ASSESSMENT OF NOISE IMISSION AND EXPOSURE, AND EXPOSURE TO NOISE IS TAKEN TO BE MEASURED

Please refer to asset safety information overleaf

Hazard Register



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.

40007.14	PPE	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.)
40007.15	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 TASKS [OCCUPATIONAL HEALTH AND SAFETY REGULATION 2001, CLAUSE 137(1)(A)-(C)]. 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 [OCCUPATIONAL HEALTH AND SAFETY REGULATION 2001, CLAUSE 137(2)] LOCKOUT OR ISOLATION DEVICES, DANGER TAGS , PERMIT TO WORK SYSTEMS OR OTHER CONTROL MEASURES.
40007.16	Employer Obligations	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 REPAIR AND ANY TESTING TO ENSURE THAT IT REMAINS WITHIN THE DESIGN LIMIT.
40007.17	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 RECOGNISED QUALIFICATION TO OPERATE THAT PLANT [OCCUPATIONAL HEALTH AND SAFETY REGULATION 2001, CLAUSE 270]. ENSURE OPERATOR IS APPROPRIATELY LICENSED/CERTIFIED TO OPERATE PLANT. ENSURE RECORDS OF QUALIFICATIONS ARE RETAINED ONSITE

Hazard Register



Occupational Health and Safety Plant Safety Purchaser Information

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In order to assess the risk, it is necessary to consider the likelihood of an incident that would impact (consequence) on health and safety at the workplace. The following guidelines are provided to assist the purchaser to complete the plant assessment.

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

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Hazard Register



Type	INCLINABLE POWER PRESS	Location	Grays Online
Make	JOHN HEINE	Lot Number	0676
Model	200A	Sale Number	7000435
Serial Number		Vendor Number	

ID	Hazard Type	Hazard Description
40008.1	INTERLOCK SYSTEM	ENSURE THAT INTERLOCKS INSTALLED TO PREVENT PLANT CYCLING ARE REGULARLY CHECKED FOR CORRECT OPERATION
40008.2	Electrical	FIT COMPLIANT LATCHING EMERGENCY STOP (E-STOP) TO PLANT AS REQUIRED BY AS4024.1 SAFE GUARDING OF MACHINERY - GENERAL PRINCIPLES. PLANT TO BE USED WITH AN ELECTRICAL CIRCUIT BREAKER (SAFETY SWITCH) AND OVERLOAD PROTECTION.
40008.3	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.
40008.4	Work Space	SLIP/TRIP FROM DUST, HOSES, OFF-CUTS, MATERIAL TROLLEYS ETC. IN THE VICINITY OF THE PLANT.
40008.5	Plant Operation	FRICTION / ABRASION / DISINTEGRATION / MATERIAL COMMING LOOSE ASSOCIATED WITH DIES, WORK PIECES OR ATTACHMENTS . REGULARLY MAINTAIN TOOLS USED WITH THE PLANT . ENSURE THAT GUARDING FOR WORK AREA IS INSTALLED AS REQUIRED BY LEGISLATION.
40008.6	Plant Operation	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.
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40008.8	Manual Handling	HANDLING OF WORKPIECES. CONDUCT MANUAL HANDLING RISK ASSESSMENT FOR TASK(S) ASSOCIATED WITH THE OPERATION OF THE PLANT.
40008.9	Plant Operation	ENERGY SOURCES ASSOCIATED WITH THE PLANT (COMPRESSED AIR, ETC.) TO BE ISOLATED WHEN THE PLANT IS BEING DISMANTLED, CLEANED/MAINTAINED. ALL GUARDS REPLACED/FITTED BEFORE THE PLANT IS PUT BACK INTO SERVICE
40008.10	Risk Control	IDENTIFY ALL OPERATIONAL HAZARDS ASSOCIATED WITH PLANT, RISK ASSESS IDENTIFIED HAZARDS AS PER AS4360:2004 RISK MANAGEMENT AND IMPLEMENT APPROPRIATE CONTROLS. DOCUMENT ALL RISK ASSESSMENTS
40008.11	Entanglement	ENSURE THAT GUARDING IS INSTALLED AROUND WORK AREA AND THAT IT IS CORRECTLY SET TO DENY ACCIDENTAL OR UNAUTHORISED ACCESS TO WORK HEAD. IMPROVE GUARDING OVER FLYWHEEL - ENSURE ACCESS TO REAR OF PLANT IS DENIED DURING OPERATION - CONSIDER RESIDUAL ENERGIES. ASSESS PLANT FOR ENTANGLEMENT AND ENTRAPMENT HAZARDS. RISK ASSESS HAZARDS AS PER AS4360:2004 RISK MANAGEMENT AND IMPLEMENT APPROPRIATE CONTROLS.
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40008.13	PPE	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.)
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Hazard Register



ACCORDANCE WITH AS/NZS 1269.1:1998 OCCUPATIONAL NOISE MANAGEMENT PART 1: MEASUREMENT AND ASSESSMENT OF NOISE IMISSION 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.

40008.15	Employer Obligations	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 REPAIR AND ANY TESTING TO ENSURE THAT IT REMAINS WITHIN THE DESIGN LIMIT.
40008.16	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 TASKS [OCCUPATIONAL HEALTH AND SAFETY REGULATION 2001, CLAUSE 137(1)(A)-(C)]. 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 [OCCUPATIONAL HEALTH AND SAFETY REGULATION 2001, CLAUSE 137(2)] LOCKOUT OR ISOLATION DEVICES, DANGER TAGS , PERMIT TO WORK SYSTEMS OR OTHER CONTROL MEASURES.
40008.17	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 RECOGNISED QUALIFICATION TO OPERATE THAT PLANT [OCCUPATIONAL HEALTH AND SAFETY REGULATION 2001, CLAUSE 270]. ENSURE OPERATOR IS APPROPRIATELY LICENSED/CERTIFIED TO OPERATE PLANT. ENSURE RECORDS OF QUALIFICATIONS ARE RETAINED ONSITE

Hazard Register



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Likelihood	Consequences
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<ul style="list-style-type: none">Reliability and effectiveness of existing / established systems of control	<ul style="list-style-type: none">Consider, will entrapment continue until plant is stopped, or can an injured part travel through the entrapment areaAre temperatures of plant, or chemicals, likely to further injure entrapped person

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In all situations, employees/operators must be made aware of the control measures in place to protect them from the plant hazards.

Hazard Register



Type	INCLINABLE POWER PRESS	Location	GraysOnline
Make	JOHN HEINE	Lot Number	0677
Model	202A SERIES 2	Sale Number	7000435
Serial Number		Vendor Number	

ID	Hazard Type	Hazard Description
40009.1	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 RECOGNISED QUALIFICATION TO OPERATE THAT PLANT [OCCUPATIONAL HEALTH AND SAFETY REGULATION 2001, CLAUSE 270]. ENSURE OPERATOR IS APPROPRIATELY LICENSED/CERTIFIED TO OPERATE PLANT. ENSURE RECORDS OF QUALIFICATIONS ARE RETAINED ONSITE
40009.2	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 TASKS [OCCUPATIONAL HEALTH AND SAFETY REGULATION 2001, CLAUSE 137(1)(A)-(C)]. 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 [OCCUPATIONAL HEALTH AND SAFETY REGULATION 2001, CLAUSE 137(2)] LOCKOUT OR ISOLATION DEVICES, DANGER TAGS , PERMIT TO WORK SYSTEMS OR OTHER CONTROL MEASURES.
40009.3	Employer Obligations	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 REPAIR AND ANY TESTING TO ENSURE THAT IT REMAINS WITHIN THE DESIGN LIMIT.
40009.4	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 AS/NZS 1269.1:1998 OCCUPATIONAL NOISE MANAGEMENT PART 1: MEASUREMENT AND ASSESSMENT OF NOISE IMISSION 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.
40009.5	PPE	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.)
40009.6	Work Method	AIRBORNE DUST PARTICLES ASSOCIATED WITH THE PLANT AND/OR PROCESS. DOCUMENT RISK ASSESSMENT OF DUST ASSOCIATED WITH THE PLANT AND REFER TO MSDS. PROVIDE VENTILATION, EYE AND BREATHING PPE AS APPROPRIATE.
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Hazard Register



40009.11	Plant Operation	ENERGY SOURCES ASSOCIATED WITH THE PLANT (COMPRESSED AIR, ETC.) TO BE ISOLATED WHEN THE PLANT IS BEING DISMANTLED, CLEANED/MAINTAINED. ALL GUARDS REPLACED/FITTED BEFORE THE PLANT IS PUT BACK INTO SERVICE
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40009.15	INTERLOCK SYSTEM	ENSURE THAT INTERLOCKS INSTALLED TO PREVENT PLANT CYCLING ARE REGULARLY CHECKED FOR CORRECT OPERATION
40009.16	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.
40009.17	Electrical	FIT COMPLIANT LATCHING EMERGENCY STOP (E-STOP) TO PLANT AS REQUIRED BY AS4024.1 SAFE GUARDING OF MACHINERY - GENERAL PRINCIPLES. PLANT TO BE USED WITH AN ELECTRICAL CIRCUIT BREAKER (SAFETY SWITCH) AND OVERLOAD PROTECTION.

Hazard Register



Occupational Health and Safety Plant Safety Purchaser Information

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If this plant item is being purchased for use at a place of work, the purchaser is reminded of their obligations to review the hazard register and in consultation with employees, prepare a formal risk assessment for the operation of the plant item in the new environment.

In order to assess the risk, it is necessary to consider the likelihood of an incident that would impact (consequence) on health and safety at the workplace. The following guidelines are provided to assist the purchaser to complete the plant assessment.

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

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Hazard Register



Type	SLEEVE INSERTER	Location	GraysOnline
Make	FABRICATED	Lot Number	0683
Model	Unknown	Sale Number	7000435
Serial Number		Vendor Number	

ID	Hazard Type	Hazard Description
39957.1	Crushing	Coming in contact with moving parts of the plant during testing, inspection, operation, maintenance, cheaning or repair.
39957.2	Controls	OPERATOR CONTOLS NEED CLEAR IDENTIFICATION & LABELLING.
39957.3	Plant Operation	ISOLATE AND DE-ENERGISE POWER/ENERGY (ELECTRICAL & HYDRAULIC) SUPPLY TO THE PLANT BEFORE CLEANING, DISMANTLING AND MAINTENANCE IS CARRIED OUT ON THE PLANT
39957.4	High Pressure Fluid	HYDRAULIC PRESSURE PRESENT. ENSURE THAT ALL PRESSURE IS RELEASED PRIOR TO PERFORMING MAINTENANCE OR DE-COMISSIONING TASKS. ENSURE PRESSURE DOES NOT EXCEED RATED VALUE.
39957.5	Hazardous Substances	PROVIDE MSDS AND CONDUCT RISK ASSESSMENT FOR CHEMICALS ASSOCIATED WITH THE PLANT
39957.6	Guarding	ENSURE GUARDING FOR THE PLANT AS PER THE REQUIREMENTS OF AS4024: SAFEGUARDING OF MACHINERY. PRESS IMPACT AREA MAY BE EXPOSED, GUARDING THEREFORE MAY BE REQUIRED.
39957.7	Slipping and Tripping	Obstacles being placed in the vicinity of the plant e.g electrical cords, rubbish, hoses.
39957.8	Plant Operation	ENSURE ONLY TRAINED & COMPETENT PERSONNEL HAVE ACCESS TO THE PLANT
39957.9	Plant Operation	NO SERVICE OR MAINTENANCE RECORDS AVAILABLE. PLANT TO BE REGULARLY INSPECTED AND MAINTAINED. ENSURE AY SERCICING RECORDS KEPT.
39957.10	Electrical	PLANT TO BE REGULARLY INSPECTED AND MAINTAINED AS PER AS/NZS3760: IN-SERVICE SAFETY INSPECTION AND TESTING OF ELECTRICAL EQUIPMENT, AS/NZS3000: WIRING RULES AND OR AS1543: ELECTRICAL EQUIPMENT OF INDUSTRIAL MACHINES
39957.11	Signage	HAZARD WARNING SIGN MAY NEED TO BE ATTACHED RE USE OF EYE AND EAR PROTECTION. REFER TO THE MANUFACTURERS MANUAL FOR GUIDANCE OR CONDUCT RISK ASSESSMENTS.
39957.12	Controls	CONDUCT AND DOCUMENT REGULAR INSPECTIONS OF THE PLANT (INCL. SAFETY EQUIPMENT ASSOCIATED WITH THE PLANT).
39957.13	Plant Operation	RELEASE OF STORED ENERGY DUE TO MALFUNCTION AND OR DAMAGE TO THE PLANT
39957.14	Plant Operation	NEEDS OPERATING INSTRUCTIONS AFFIXED IN VIEW OF OPERATOR
39957.15	Noise	SOUND PRESSURE LEVEL (SPL) NEEDS TESTING AT OPERATOR STATION. IF SPL GREATER THAN 85dB(A), CLEAR & VISIBLE WARNINGS MUST BE ATTACHED re: USE OF HEARING PROTECTION
39957.16	Ergonomic	Operator strains and/or sprains from operating plant that has been positioned which requires the operator to have a constrained body posture or require excessive effort
39957.17	Signage	Operator injury may result from illegible or missing warning labels/signage (noise, PPE, operating instructions, exits etc). Regular inspection and replacement of warning labels is required - Signage is to be compliant with AS 1319 Safety Signs for the Occupational Environment.
39957.18	Signage	HAZARD WARNING SIGN RE " KEEP HANDS CLEAR OF IMPACT/CRUSHING AREA " TO BE ATTACHED
39957.19	Ergonomic	Repetitive body movement. Ensure manual handling risk assessment has been completed for all tasks in accordance with Workplace Health and Safety (Manual Handling) Regulations 2008.
39957.20	Skills	Plant operated by employees without suitable instruction and training
39957.21	Electrical	NEEDS TO BE USED IN CONJUNCTION WITH EARTH LEAKAGE CIRCUIT BREAKER (ELCB).
39957.22	Emergency Stop	FIT COMPLIANT LATCHING EMERGENCY STOP (E-STOP) TO PLANT AS REQUIRED BY AS4024.1 SAFE GUARDING OF MACHINERY - GENERAL PRINCIPLES. PLANT TO BE USED WITH AN ELECTRICAL CIRCUIT BREAKER (SAFETY SWITCH) AND OVERLOAD PROTECTION..

Please refer to asset safety information overleaf

Hazard Register



Occupational Health and Safety Plant Safety Purchaser Information

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Likelihood

- 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

Consequences

- 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

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Hazard Register



Type	PLASTIC WELDING MACHINE	Location	Grays Online
Make	ACTUAL	Lot Number	0685
Model	A312B90	Sale Number	7000435
Serial Number		Vendor Number	

ID	Hazard Type	Hazard Description
40011.1	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.
40011.2	Plant Operation	NO MAINTENANCE OR SERVICE RECORDS AVAILABLE. CONDUCT REGULAR DOCUMENTED SERVICE/INSPECTION OF THE PLANT. MAINTAIN RECORDS OF CHANGES/MODIFICATIONS MADE TO THE PLANT.
40011.3	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.
40011.4	Skills	PLANT TO BE USED AND ACCESSED BY COMPETENT/SKILLED PERSONNEL ONLY.
40011.5	Plant Operation	ENERGY SOURCES ASSOCIATED WITH THE PLANT (ELECTRICAL, RUN-DOWN, ETC.) TO BE ISOLATED WHEN THE PLANT IS BEING CLEANED/MAINTAINED. ALL GUARDS REPLACED/FITTED BEFORE THE PLANT IS PUT BACK INTO SERVICE.
40011.6	Plant Operation	ATTACH SAFE OPERATING INSTRUCTIONS IN A CLEAR AND VISIBLE POSITION TO OPERATOR.
40011.7	Electrical	PLANT TO BE USED WITH AN ELECTRICAL CIRCUIT BREAKER (SAFETY SWITCH) AND OVERLOAD PROTECTION.
40011.8	Mechanical	STRIKING - BY WORKPIECES AND/OR DAMAGED PARTS OF THE PLANT EJECTING FROM THE PLANT. GUARDS TO BE FITTED IN ACCORDANCE WITH AS4024: SAFE GUARDING OF MACHINERY.
40011.9	Mechanical	STRIKING/CUTTING - DO NOT PLACE HANDS OR OTHER PARTS OF THE BODY CUTTING BLADE. INSTALL SPRING LOADED TELESCOPIC GUARD IN ACCORDANCE WITH AS4024.1: SAFEGUARDING OF MACHINERY. PUSH STICKS/BLOCKS TO BE SUPPLIED WHERE NECESSARY.
40011.10	Clothing	ENTANGLEMENT - DO NOT OPERATE PLANT WITH LOOSE CLOTHING.
40011.11	Training	PROVIDE ANY MANUFACTURER'S MANUALS/INSTRUCTIONS FOR THE PLANT.
40011.12	Chemicals	AIRBORNE DUST PARTICLES AND OTHER CHEMICALS ASSOCIATED WITH THE PLANT AND/OR PROCESS. DOCUMENT RISK ASSESSMENT OF CHEMICALS ASSOCIATED WITH THE PLANT AND REFER TO MSDS. CONSIDER THE INSTALLATION OF A DUST EXTRACTION SYSTEM AND PROVIDE EYE AND BREATHING PPE AS
40011.13	Work Space	SLIP/TRIP FROM DUST, HOSES, OFF-CUTS, MATERIAL TROLLEYS ETC. IN THE VICINITY OF THE PLANT AND COLLISION BY MOBILE PLANT.
40011.14	Ergonomics	HANDLING OF WORKPIECES ON/OFF THE PLANT. CONDUCT MANUAL HANDLING RISK ASSESSMENT FOR TASK(S) ASSOCIATED WITH THE OPERATION OF THE PLANT.
40011.15	Thermal	FRICTION/ABRASION FROM CONTACT WITH TOOLS USED WITH THE PLANT.
40011.16	Fire/Explosion	OBSERVE SAFE OPERATING PROCEDURES FOR HOTWORK. ENSURE NO HOTWORK IS CONDUCTED IN THE VICINITY OF FLAMMABLES OR EXPLOSIVES.
40011.17	Plant Structure	ENSURE ADEQUATE WORKSPACE NEAR THE PLANT.
40011.18	Raw Materials	CHECK MATERIAL BEFORE CUTTING TO IDENTIFY POSSIBLE SHARP EDGES AND FOR CONTAMINANTS SUCH AS: BOLT, ETC.
40011.19	PPE	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.)

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Hazard Register



Occupational Health and Safety Plant Safety Purchaser Information

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Likelihood

- 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

Consequences

- 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
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Hazard Register



Type	PEDESTAL DRILL	Location	GraysOnline
Make	ARBOGA	Lot Number	0708
Model	Unknown	Sale Number	7000435
Serial Number		Vendor Number	

ID	Hazard Type	Hazard Description
40012.1	Guarding	NO GUARDING IN FRONT OF MANDRILL. STRIKING / ENTANGLEMENT / CUTTING BY MOVING / ROTATING PARTS OF THE PLANT MAY OCCUR.
40012.2	Signage	ENSURE APPROPRIATE PPE SIGNAGE DISPLAYED FOR EQUIPMENT.
40012.3	Plant Structure	STABILITY OF THE PLANT. ENSURE PLANT FIXED AND SECURED TO A STABLE SURFACE.
40012.4	Noise	SOUND PRESSURE LEVEL (SPL) NEEDS TESTING AT OPERATOR STATION. IF SPL GREATER THAN 85dB(A), CLEAR & VISIBLE WARNINGS MUST BE ATTACHED re: USE OF HEARING PROTECTION
40012.5	Electrical	LAST ELECTRICAL INSPECTION 4/1/10. 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.
40012.6	Guarding	STRUCK BY PARTS OF THE PLANT (TOOLS) EJECTING FROM THE PLANT
40012.7	Electrical	ON /OFF SWITCH PRESENT . 240V . NO ISOLATION SWITCH PRESENT.
40012.8	Entanglement	NO LOOSE CLOTHING TO BE WORN WHILE OPERATING EQUIPMENT.
40012.9	Floor Condition	ENSURE NO SLIPPERY SURFACES (WORK AREA) FROM LUBE/OIL.
40012.10	Plant Operation	FLYING PARTICLES GENERATED BY THE DRILLING PROCESS
40012.11	Work Space	SLIP / TRIP FROM HOSES AND OTHER MATERIALS ON FLOOR IN THE VICINITY OF THE PLANT
40012.12	Plant Operation	Control labels need to be easily read. Refer to manufacturers users manual for correct operation.
40012.13	Pressure	USE OF COMPRESSED AIR TO CLEAN THE PLANT AND OR WORKPIECES. DO NOT DIRECT AIR AT EMPLOYEES.
40012.14	Manual Handling	HANDLING OF WORKPIECES ON AND OFF THE PLANT
40012.15	Plant Structure	ENSURE MAINTENANCE
40012.16	Controls	NO DOCUMENTED INTSRUCTIONS PROVIDED FOR THE PLANT
40012.17	Thermal Conditions	SPARKS / FRICTION / ABRASION

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Hazard Register



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Consequences

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Hazard Register



Type	PEDESTAL DRILL	Location	Grays Online
Make	FEELER	Lot Number	0709
Model	S-600	Sale Number	7000435
Serial Number		Vendor Number	

ID	Hazard Type	Hazard Description
40013.1	Work Space	SLIP / TRIP FROM HOSES AND OTHER MATERIALS ON FLOOR IN THE VICINITY OF THE PLANT
40013.2	Plant Operation	FLYING PARTICLES GENERATED BY THE DRILLING PROCESS
40013.3	Floor Condition	ENSURE NO SLIPPERY SURFACES (WORK AREA) FROM LUBE/OIL.
40013.4	Entanglement	NO LOOSE CLOTHING TO BE WORN WHILE OPERATING EQUIPMENT.
40013.5	Plant Structure	ENSURE MAINTENANCE
40013.6	Manual Handling	HANDLING OF WORKPIECES ON AND OFF THE PLANT
40013.7	Pressure	USE OF COMPRESSED AIR TO CLEAN THE PLANT AND OR WORKPIECES. DO NOT DIRECT AIR AT EMPLOYEES.
40013.8	Plant Operation	Control labels need to be easily read. Refer to manufacturers users manual for correct operation.
40013.9	Thermal Conditions	SPARKS / FRICTION / ABRASION
40013.10	Controls	NO DOCUMENTED INSTRUCTIONS PROVIDED FOR THE PLANT
40013.11	Noise	SOUND PRESSURE LEVEL (SPL) NEEDS TESTING AT OPERATOR STATION. IF SPL GREATER THAN 85dB(A), CLEAR & VISIBLE WARNINGS MUST BE ATTACHED re: USE OF HEARING PROTECTION
40013.12	Electrical	LAST ELECTRICAL INSPECTION 4/1/10. 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.
40013.13	Guarding	STRUCK BY PARTS OF THE PLANT (TOOLS) EJECTING FROM THE PLANT
40013.14	Electrical	ON /OFF SWITCH PRESENT . 240V . NO ISOLATION SWITCH PRESENT.
40013.15	Guarding	NO GUARDING IN FRONT OF MANDRILL. STRIKING / ENTANGLEMENT / CUTTING BY MOVING / ROTATING PARTS OF THE PLANT MAY OCCUR.
40013.16	Signage	ENSURE APPROPRIATE PPE SIGNAGE DISPLAYED FOR EQUIPMENT.
40013.17	Plant Structure	STABILITY OF THE PLANT. ENSURE PLANT FIXED AND SECURED TO A STABLE SURFACE.

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Hazard Register



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- Possibility to avoid / minimize or limit the damage, impact or harm
- Reliability and effectiveness of existing / established systems of control

Consequences

- Assume “worst case” injury, but also competent follow-up medical and rehabilitation support
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Hazard Register



Type	INCLINABLE POWER PRESS	Location	GraysOnline
Make	WALLBANK	Lot Number	0712
Model	UNIWASH	Sale Number	7000435
Serial Number		Vendor Number	

ID	Hazard Type	Hazard Description
40015.1	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 TASKS [OCCUPATIONAL HEALTH AND SAFETY REGULATION 2001, CLAUSE 137(1)(A)-(C)]. 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 [OCCUPATIONAL HEALTH AND SAFETY REGULATION 2001, CLAUSE 137(2)] LOCKOUT OR ISOLATION DEVICES, DANGER TAGS , PERMIT TO WORK SYSTEMS OR OTHER CONTROL MEASURES.
40015.2	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 RECOGNISED QUALIFICATION TO OPERATE THAT PLANT [OCCUPATIONAL HEALTH AND SAFETY REGULATION 2001, CLAUSE 270]. ENSURE OPERATOR IS APPROPRIATELY LICENSED/CERTIFIED TO OPERATE PLANT. ENSURE RECORDS OF QUALIFICATIONS ARE RETAINED ONSITE
40015.3	Plant Operation	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.
40015.4	Plant Operation	ENSURE THAT PLANT IS OPERATED IN ACCORDANCE WITH THE GUIDANCE AND GENERAL REQUIREMENTS OF THE NOHSC PUBLICATION: NATIONAL OCCUPATIONAL HEALTH AND SAFETY CERTIFICATION STANDARD FOR USERS AND OPERATORS OF INDUSTRIAL EQUIPMENT - 3RD EDITION [NOHSC:1006 (2001)], NOHSC PUBLICATION: NATIONAL STANDARD FOR PLANT [NOHSC:1010(1994)]
40015.5	Work Space	SLIP/TRIP FROM DUST, HOSES, OFF-CUTS, MATERIAL TROLLEYS ETC. IN THE VICINITY OF THE PLANT.
40015.6	Plant Operation	FRICTION / ABRASION / DISINTEGRATION / MATERIAL COMMING LOOSE ASSOCIATED WITH DIES, WORK PIECES OR ATTACHMENTS . REGULARLY MAINTAIN TOOLS USED WITH THE PLANT . ENSURE THAT GUARDING FOR WORK AREA IS INSTALLED AS REQUIRED BY LEGISLATION.
40015.7	Work Method	AIRBORNE DUST PARTICLES ASSOCIATED WITH THE PLANT AND/OR PROCESS. DOCUMENT RISK ASSESSMENT OF DUST ASSOCIATED WITH THE PLANT AND REFER TO MSDS. PROVIDE VENTILATION, EYE AND BREATHING PPE AS APPROPRIATE.
40015.8	PPE	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.)
40015.9	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 AS/NZS 1269.1:1998 OCCUPATIONAL NOISE MANAGEMENT PART 1: MEASUREMENT AND ASSESSMENT OF NOISE IMISSION 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.
40015.10	Employer Obligations	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 REPAIR AND ANY TESTING TO ENSURE THAT IT REMAINS WITHIN THE DESIGN LIMIT.

Please refer to asset safety information overleaf

Hazard Register



40015.11	Electrical	FIT COMPLIANT LATCHING EMERGENCY STOP (E-STOP) TO PLANT AS REQUIRED BY AS4024.1 SAFE GUARDING OF MACHINERY - GENERAL PRINCIPLES. PLANT TO BE USED WITH AN ELECTRICAL CIRCUIT BREAKER (SAFETY SWITCH) AND OVERLOAD PROTECTION.
40015.12	INTERLOCK SYSTEM	ENSURE THAT INTERLOCKS INSTALLED TO PREVENT PLANT CYCLING ARE REGULARLY CHECKED FOR CORRECT OPERATION
40015.13	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.
40015.14	Entanglement	ENSURE THAT GUARDING IS INSTALLED AROUND WORK AREA AND THAT IT IS CORRECTLY SET TO DENY ACCIDENTAL OR UNAUTHORISED ACCESS TO WORK HEAD. IMPROVE GUARDING OVER FLYWHEEL - ENSURE ACCESS TO REAR OF PLANT IS DENIED DURING OPERATION - CONSIDER RESIDUAL ENERGIES. ASSESS PLANT FOR ENTANGLEMENT AND ENTRAPMENT HAZARDS. RISK ASSESS HAZARDS AS PER AS4360:2004 RISK MANAGEMENT AND IMPLEMENT APPROPRIATE CONTROLS.
40015.15	Risk Control	IDENTIFY ALL OPERATIONAL HAZARDS ASSOCIATED WITH PLANT, RISK ASSESS IDENTIFIED HAZARDS AS PER AS4360:2004 RISK MANAGEMENT AND IMPLEMENT APPROPRIATE CONTROLS. DOCUMENT ALL RISK ASSESSMENTS
40015.16	Plant Operation	ENERGY SOURCES ASSOCIATED WITH THE PLANT (COMPRESSED AIR, ETC.) TO BE ISOLATED WHEN THE PLANT IS BEING DISMANTLED, CLEANED/MAINTAINED. ALL GUARDS REPLACED/FITTED BEFORE THE PLANT IS PUT BACK INTO SERVICE
40015.17	Manual Handling	HANDLING OF WORKPIECES. CONDUCT MANUAL HANDLING RISK ASSESSMENT FOR TASK(S) ASSOCIATED WITH THE OPERATION OF THE PLANT.

Please refer to asset safety information overleaf

Hazard Register



Occupational Health and Safety Plant Safety Purchaser Information

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If this plant item is being purchased for use at a place of work, the purchaser is reminded of their obligations to review the hazard register and in consultation with employees, prepare a formal risk assessment for the operation of the plant item in the new environment.

In order to assess the risk, it is necessary to consider the likelihood of an incident that would impact (consequence) on health and safety at the workplace. The following guidelines are provided to assist the purchaser to complete the plant assessment.

Likelihood	Consequences
<ul style="list-style-type: none">Frequency and duration of exposure	<ul style="list-style-type: none">Assume “worst case” injury, but also competent follow-up medical and rehabilitation support
<ul style="list-style-type: none">Probability of occurrence of hazard or event (including part history of incidents)	<ul style="list-style-type: none">Consider forces or energy levels, highest belt tensions, size of gears, pulleys or other entrapment points and therefore body parts likely to be injured
<ul style="list-style-type: none">Possibility to avoid / minimize or limit the damage, impact or harm	<ul style="list-style-type: none">Consider sharpness of entrapment points, surrounding parts likely to exacerbate injury, and any give in the entrapment point
<ul style="list-style-type: none">Reliability and effectiveness of existing / established systems of control	<ul style="list-style-type: none">Consider, will entrapment continue until plant is stopped, or can an injured part travel through the entrapment areaAre 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 situations, employees/operators must be made aware of the control measures in place to protect them from the plant hazards.

Hazard Register



Type	POWER PRESS	Location	Grays Online
Make	CUSTOMBUILT	Lot Number	0713
Model	Unknown	Sale Number	7000435
Serial Number		Vendor Number	

ID	Hazard Type	Hazard Description
40018.1	Entanglement	ENTANGLEMENT/STRIKING - EXPOSED ROTATING SHAFTS - EXPOSED FLYWHEEL AND BRAKE ASSEMBLY - CONSIDER RESIDUAL ENERGIES. ASSESS PLANT FOR ENTANGLEMENT AND ENTRAPMENT HAZARDS. RISK ASSESS HAZARDS AS PER AS4360:2004 RISK MANAGEMENT AND IMPLEMENT APPROPRIATE CONTROLS.
40018.2	Guarding	FIT EMERGENCY STOP (E-STOP) TO PLANT AS REQUIRED BY AS4024.1 SAFE GUARDING OF MACHINERY - GENERAL PRINCIPLES. PLANT TO BE USED WITH AN ELECTRICAL CIRCUIT BREAKER (SAFETY SWITCH) AND OVERLOAD PROTECTION.ENSURE PLANT IS GUARDED AS REQUIRED BY AS4024.1 SAFEGUARDING OF MACHINERY - GENERAL PRINCIPLES.
40018.3	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 RECOGNISED QUALIFICATION TO OPERATE THAT PLANT [OCCUPATIONAL HEALTH AND SAFETY REGULATION 2001, CLAUSE 270]. ENSURE OPERATOR IS APPROPRIATELY LICENSED/CERTIFIED TO OPERATE PLANT. ENSURE RECORDS OF QUALIFICATIONS ARE RETAINED ONSITE
40018.4	Chemicals	OBTAIN MSDS FOR CHEMICALS USED AS WORK COOLANT AND LUBRICANT. CONDUCT RISK ASSESSMENTS IF CHEMICAL IS HAZARDOUS AS REQUIRED BY REGULATIONS
40018.5	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
40018.6	Plant Operation	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.
40018.7	Manual Handling	HANDLING OF WORKPIECES ON/OFF THE PLANT. CONDUCT MANUAL HANDLING RISK ASSESSMENT FOR TASK(S) ASSOCIATED WITH THE OPERATION OF THE PLANT.
40018.8	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 AS/NZS 1269.1:1998 OCCUPATIONAL NOISE MANAGEMENT PART 1: MEASUREMENT AND ASSESSMENT OF NOISE IMISSION 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.
40018.9	SAFE WORK METHOD STATEMENT(SWMS)	CONDUCT SAFE WORK METHOD STATEMENTS FOR TASKS ASSOCIATED WITH REMOVAL OF PLANT AS REQUIRED BY NSW OCCUPATIONAL HEALTH AND SAFETY REGULATIONS AND CODES OF PRACTICE
40018.10	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 TASKS [OCCUPATIONAL HEALTH AND SAFETY REGULATION 2001, CLAUSE 137(1)(A)-(C)]. 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 [OCCUPATIONAL HEALTH AND SAFETY REGULATION 2001, CLAUSE 137(2)] LOCKOUT OR

Please refer to asset safety information overleaf

Hazard Register



		ISOLATION DEVICES, DANGER TAGS , PERMIT TO WORK SYSTEMS OR OTHER CONTROL MEASURES
40018.11	Striking	ENTANGLEMENT/STRIKING - BY WORKPIECES AND/OR DAMAGED PART OF THE PLANT EJECTING FROM THE PLANT.
40018.12	Compressed Air	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.
40018.13	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 REPAIR AND ANY TESTING TO ENSURE THAT IT REMAINS WITHIN THE DESIGN LIMIT.
40018.14	Striking	FRICTION / ABRASION / DISINTEGRATION / MATERIAL COMMING LOOSE ASSOCIATED WITH DIES, WORK PIECES OR ATTACHMENTS . REGULARLY MAINTAIN TOOLS USED WITH THE PLANT . ENSURE THAT GUARDING FOR WORK AREA IS INSTALLED AS REQUIRED BY LEGISLATION.
40018.15	PPE	AIRBORNE DUST PARTICLES AND OTHER CHEMICALS ASSOCIATED WITH THE PLANT AND/OR PROCESS. DOCUMENT RISK ASSESSMENT OF CHEMICALS ASSOCIATED WITH THE PLANT AND REFER TO MSDS. PROVIDE VENTILATION, EYE AND BREATHING PPE AS APPROPRIATE.

Hazard Register



Occupational Health and Safety Plant Safety Purchaser Information

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Likelihood

- 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

Consequences

- 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.

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In all situations, employees/operators must be made aware of the control measures in place to protect them from the plant hazards.

Hazard Register



Type	COLD SAW	Location	Grays Online
Make	BROBO	Lot Number	0714
Model	Unknown	Sale Number	7000435
Serial Number		Vendor Number	

ID	Hazard Type	Hazard Description
40020.1	Guarding	ENSURE PLANT IS ASSESSED AND GUARDED AS PER REQUIREMENTS AS4024.1 SAFE GUARDING OF MACHINERY - GENERAL PRINCIPLES. PLANT TO BE USED WITH AN ELECTRICAL CIRCUIT BREAKER (SAFETY SWITCH) AND OVERLOAD PROTECTION.
40020.2	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.
40020.3	Maintenance	UNATTENDED PLANT SHOULD HAVE POWERED MOTIONS DISABLED AND PLANT ISOLATED BEFORE ANY WORK COMMENCES.
40020.4	Risk Control	IDENTIFY ALL OPERATIONAL HAZARDS ASSOCIATED WITH PLANT, RISK ASSESS IDENTIFIED HAZARDS AS PER AS4360:2004 RISK MANAGEMENT AND IMPLEMENT APPROPRIATE CONTROLS. DOCUMENT ALL RISK ASSESSMENTS
40020.5	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 REPAIR AND ANY TESTING TO ENSURE THAT IT REMAINS WITHIN THE DESIGN LIMIT.
40020.6	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.
40020.7	Risk Control	ENSURE DOOR INTERLOCKS ARE CORRECTLY FITTED AND OPERATIONAL - ENSURE THAT ACCESS HATCHES TO OPERATIONAL AREAS REMAIN CLOSED DURING OPERATION OF PLANT. IDENTIFY ALL OPERATIONAL HAZARDS ASSOCIATED WITH PLANT, RISK ASSESS IDENTIFIED HAZARDS AS PER AS4360:2004 RISK MANAGEMENT AND IMPLEMENT APPROPRIATE CONTROLS. DOCUMENT ALL RISK ASSESSMENTS
40020.8	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.)
40020.9	Plant Structure	STABILITY OF APPLIANCE AND OR ATTACHMENTS TO THE PLANT/APPLIANCE, ENSURE THE PLANT IS SECURELY FIXED/MOUNTED AND OR RESTRAINED/SUPPORTED.
40020.10	Electrical	REGULARLY CHECK OPERATION OF EMERGENCY STOPS (E-STOPS) TO PLANT AS REQUIRED BY AS4024.1 SAFE GUARDING OF MACHINERY - GENERAL PRINCIPLES.
40020.11	Electrocution	ENERGY SOURCES ASSOCIATED WITH THE PLANT (ELECTRICAL ETC.) TO BE ISOLATED WHEN THE PLANT IS BEING DISMANTLED, CLEANED/MAINTAINED.
40020.12	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.
40020.13	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 AS/NZS 1269.1:1998 OCCUPATIONAL NOISE MANAGEMENT PART 1: MEASUREMENT AND

Please refer to asset safety information overleaf

Hazard Register



		ASSESSMENT OF NOISE IMISSION 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.
40020.14	Training & Competency	ENSURE THAT MANUFACTURERS INSTRUCTIONS ARE SOURCE AND SET-UP REQUIREMENTS FOR REINSTALLATION
40020.15	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
40020.16	Entanglement	DO NOT OPERATE PLANT WITH LOOSE CLOTHING. ASSESS PLANT FOR ENTANGLEMENT AND ENTRAPMENT HAZARDS ENSURE PLANT IS GUARDED AS REQUIRED BY AS4024.1 SAFEGUARDING OF MACHINERY - GENERAL PRINCIPLES
40020.17	SAFE WORK METHOD STATEMENT(SWMS)	CONDUCT SAFE WORK METHOD STATEMENTS FOR TASKS ASSOCIATED WITH REMOVAL AND REINSTALLATION OF PLANT AS REQUIRED BY NSW OCCUPATIONAL HEALTH AND SAFETY REGULATIONS AND CODES OF PRACTICE.
40020.18	Manual Handling	HANDLING OF WORKPIECES ON/OFF THE PLANT. CONDUCT MANUAL HANDLING RISK ASSESSMENT FOR TASK(S) ASSOCIATED WITH THE OPERATION OF THE PLANT.

Hazard Register



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<ul style="list-style-type: none">Possibility to avoid / minimize or limit the damage, impact or harm	<ul style="list-style-type: none">Consider sharpness of entrapment points, surrounding parts likely to exacerbate injury, and any give in the entrapment point
<ul style="list-style-type: none">Reliability and effectiveness of existing / established systems of control	<ul style="list-style-type: none">Consider, will entrapment continue until plant is stopped, or can an injured part travel through the entrapment areaAre temperatures of plant, or chemicals, likely to further injure entrapped person

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Hazard Register



Type	MILLING MACHINE	Location	Grays Online
Make	REXON	Lot Number	0715
Model	RDM-40MPF	Sale Number	7000435
Serial Number		Vendor Number	

ID	Hazard Type	Hazard Description
40021.1	AIR PRESSURE	INJECTION. ENSURE HOSES, FITTINGS AND REGULATORS IN WORKING ORDER AND REGULARLY INSPECTED.
40021.2	Entanglement	ENTANGLEMENT - DO NOT OPERATE PLANT WITH LOOSE CLOTHING
40021.3	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 TASKS. 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.
40021.4	Controls	UNATTENDED PLANT SHOULD HAVE POWERED MOTIONS DISABLED/RESIDUAL ENERGIES RELEASED AND PLANT ISOLATED
40021.5	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.)
40021.6	Plant Structure	STABILITY OF APPLIANCE AND OR ATTACHMENTS TO THE PLANT/APPLIANCE, ENSURE THE PLANT IS SECURELY FIXED/MOUNTED AND OR RESTRAINED/SUPPORTED.
40021.7	Chemicals	OBTAIN MSDS FOR CHEMICALS USED AS WORK COOLANT AND LUBRICANT. CONDUCT RISK ASSESSMENTS IF CHEMICAL IS HAZARDOUS AS REQUIRED BY REGULATIONS
40021.8	Entanglement	ASSESS PLANT FOR ENTANGLEMENT AND ENTRAPMENT HAZARDS ENSURE PLANT IS GUARDED AS REQUIRED BY AS4024.1 SAFEGUARDING OF MACHINERY - GENERAL PRINCIPLES.
40021.9	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 AS/NZS 1269.1:1998 OCCUPATIONAL NOISE MANAGEMENT PART 1: MEASUREMENT AND ASSESSMENT OF NOISE IMISSION 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.
40021.10	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.
40021.11	Maintenance	ENSURE MAINTENANCE OR SERVICE RECORDS AVAILABLE. CONDUCT REGULAR DOCUMENTED SERVICE/INSPECTION OF THE PLANT. MAINTAIN RECORDS OF CHANGES /MODIFICATIONS MADE TO THE PLANT.
40021.12	Emergency Stop	ENSURE COMPLIANT LATCHING EMERGENCY STOP (E-STOP) IS FITTED TO PLANT AS REQUIRED BY AS4024.1 SAFE GUARDING OF MACHINERY - GENERAL PRINCIPLES. PLANT TO BE USED WITH AN ELECTRICAL CIRCUIT BREAKER (SAFETY SWITCH) AND OVERLOAD PROTECTION.
40021.13	Manual Handling	HANDLING OF WORKPIECES ON/OFF THE PLANT. CONDUCT MANUAL HANDLING RISK ASSESSMENT FOR TASK(S) ASSOCIATED WITH THE OPERATION OF THE PLANT.
40021.14	Shearing	ANY EXPOSED SHEAR POINTS, POINTS ON SLIDES AND HEAD ADJUSTMENT RODS. ENSURE PLANT IS GUARDED AS REQUIRED BY AS4024.1 SAFEGUARDING OF MACHINERY – GENERAL PRINCIPLES.
40021.15	Plant Operation	MANUFACTURERS USERS MANUAL PRESENT.

Please refer to asset safety information overleaf

Hazard Register



40021.16	SAFE WORK METHOD STATEMENT(SWMS)	CONDUCT SAFE WORK METHOD STATEMENTS FOR TASKS ASSOCIATED WITH REMOVAL AND REINSTALLATION OF PLANT AS REQUIRED BY QLD WH&S REGULATIONS AND CODES OF PRACTICE.
40021.17	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.

Hazard Register



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In order to assess the risk, it is necessary to consider the likelihood of an incident that would impact (consequence) on health and safety at the workplace. The following guidelines are provided to assist the purchaser to complete the plant assessment.

Likelihood	Consequences
<ul style="list-style-type: none">Frequency and duration of exposure	<ul style="list-style-type: none">Assume “worst case” injury, but also competent follow-up medical and rehabilitation support
<ul style="list-style-type: none">Probability of occurrence of hazard or event (including part history of incidents)	<ul style="list-style-type: none">Consider forces or energy levels, highest belt tensions, size of gears, pulleys or other entrapment points and therefore body parts likely to be injured
<ul style="list-style-type: none">Possibility to avoid / minimize or limit the damage, impact or harm	<ul style="list-style-type: none">Consider sharpness of entrapment points, surrounding parts likely to exacerbate injury, and any give in the entrapment point
<ul style="list-style-type: none">Reliability and effectiveness of existing / established systems of control	<ul style="list-style-type: none">Consider, will entrapment continue until plant is stopped, or can an injured part travel through the entrapment areaAre 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 situations, employees/operators must be made aware of the control measures in place to protect them from the plant hazards.

Hazard Register



Type	PEDESTAL GRINDER	Location	Select
Make	GMF	Lot Number	0716
Model	Unknown	Sale Number	7000435
Serial Number		Vendor Number	

ID	Hazard Type	Hazard Description
40022.1	Thermal	FRICITION / ABRASION / DISINTEGRATION / MATERIAL COMMING LOOSE ASSOCIATED WITH GRINDING WHEEL/TOOL. REGULARLY MAINTAIN GRINDING WHEEL.
40022.2	Striking	ENTANGLEMENT/STRIKING - BY WORKPIECES AND/OR DAMAGED PART OF THE PLANT EJECTING FROM THE PLANT. FIT PROTECTIVE GUARD/VISOR TO PLANT.
40022.3	Vibration	VIBRATION - HOLDING WORKPIECE AGAINST HIGH SPEED ROTATING BRINDING WHEEL. PROVIDE HAZARD WARNING SIGN/INSTRUCTION ABOUT "WHITE FINGER".
40022.4	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
40022.5	Training	PROVIDE ANY MANUFACTURER'S MANUALS/INSTRUCTIONS FOR THE PLANT
40022.6	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.
40022.7	PPE	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.)
40022.8	SLIP TRIP FALL	SLIP/TRIP FROM DUST, HOSES, OFF-CUTS, MATERIAL TROLLEYS ETC. IN THE VICINITY OF THE PLANT AND COLLISION BY MOBILE PLANT.
40022.9	Electrical	PLANT TO BE USED WITH AN ELECTRICAL CIRCUIT BREAKER (SAFETY SWITCH) AND OVERLOAD PROTECTION.
40022.10	Guarding	ENSURE GUARDING OF PLANT IS IN ACCORDANCE WITH AS 4024 SAFETY OF MACHINERY. EYE SHEILD PRESENT. RISK ASSESS AND IMPLEMENT APPROPRIATE CONTROLS.
40022.11	Entanglement	ENTANGLEMENT/STRIKING/CUTTING/RUN-DOWN - DO NOT PLACE HANDS OR OTHER PARTS OF THE BODY NEAR CUTTING EDGES OR ROTATING PARTS OF THE PLANT WHEN SETTING UP AND/OR FEEDING MATERIAL FOR THE PLANT. DO NOT USE WHEN WEARING LOOSE CLOTHING.
40022.12	Plant Operation	NO MAINTENANCE OR SERVICE RECORDS AVAILABLE. CONDUCT REGULAR DOCUMENTED SERVICE/INSPECTION OF THE PLANT. MAINTAIN RECORDS OF CHANGES/MODIFICATIONS MADE TO THE PLANT.
40022.13	Skills	PLANT TO BE USED AND ACCESSED BY COMPETENT/SKILLED PERSONEL ONLY.
40022.14	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.
40022.15	Air Quality	AIRBORNE DUST PARTICLES AND OTHER CHEMICALS ASSOCIATED WITH THE PLANT AND/OR PROCESS. DOCMENT RISK ASSESSMENT OF CHEMICALS ASSOCIATED WITH THE PLANT AND REFER TO MSDS. PROVIDE EYE AND BREATHING PPE AS APPROPRIATE.
40022.16	Plant Structure	PLANT TO BE MOUNTED/FIXED INTO POSITION AS PER MANUFACTURER'S INSTRUCTIONS
40022.17	Manual Handling	HANDLING OF WORKPIECES ON/OFF THE PLANT. CONDUCT MANUAL HANDLING RISK ASSESSMENT FOR TASK(S) ASSOCIATED WITH THE OPERATION OF THE PLANT.

Please refer to asset safety information overleaf

Hazard Register



Occupational Health and Safety Plant Safety Purchaser Information

This plant health and safety information has been prepared by Graysonline for the purchaser of the plant item as required by National and State OHS Legislation. Whilst every effort has been made to identify all of the hazards, it should be recognised that such hazards have been identified given due consideration to the state of knowledge of the plant item.

If this plant item is being purchased for use at a place of work, the purchaser is reminded of their obligations to review the hazard register and in consultation with employees, prepare a formal risk assessment for the operation of the plant item in the new environment.

In order to assess the risk, it is necessary to consider the likelihood of an incident that would impact (consequence) on health and safety at the workplace. The following guidelines are provided to assist the purchaser to complete the plant assessment.

Likelihood

- 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

Consequences

- 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 situations, employees/operators must be made aware of the control measures in place to protect them from the plant hazards.

Hazard Register



Type	PEDESTAL GRINDER	Location	GraysOnline
Make	HERCO	Lot Number	0717
Model	Unknown	Sale Number	7000435
Serial Number		Vendor Number	

ID	Hazard Type	Hazard Description
40023.1	Thermal	FRICITION / ABRASION / DISINTEGRATION / MATERIAL COMMING LOOSE ASSOCIATED WITH GRINDING WHEEL/TOOL. REGULARLY MAINTAIN GRINDING WHEEL.
40023.2	Plant Structure	PLANT TO BE MOUNTED/FIXED INTO POSITION AS PER MANUFACTURER'S INSTRUCTIONS
40023.3	Manual Handling	HANDLING OF WORKPIECES ON/OFF THE PLANT. CONDUCT MANUAL HANDLING RISK ASSESSMENT FOR TASK(S) ASSOCIATED WITH THE OPERATION OF THE PLANT.
40023.4	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.
40023.5	Air Quality	AIRBORNE DUST PARTICLES AND OTHER CHEMICALS ASSOCIATED WITH THE PLANT AND/OR PROCESS. DOCUMENT RISK ASSESSMENT OF CHEMICALS ASSOCIATED WITH THE PLANT AND REFER TO MSDS. PROVIDE EYE AND BREATHING PPE AS APPROPRIATE.
40023.6	Plant Operation	NO MAINTENANCE OR SERVICE RECORDS AVAILABLE. CONDUCT REGULAR DOCUMENTED SERVICE/INSPECTION OF THE PLANT. MAINTAIN RECORDS OF CHANGES/MODIFICATIONS MADE TO THE PLANT.
40023.7	Skills	PLANT TO BE USED AND ACCESSED BY COMPETENT/SKILLED PERSONEL ONLY.
40023.8	Guarding	ENSURE GUARDING OF PLANT IS IN ACCORDANCE WITH AS 4024 SAFETY OF MACHINERY. EYE SHEILD PRESENT. RISK ASSESS AND IMPLEMENT APPROPRIATE CONTROLS.
40023.9	Entanglement	ENTANGLEMENT/STRIKING/CUTTING/RUN-DOWN - DO NOT PLACE HANDS OR OTHER PARTS OF THE BODY NEAR CUTTING EDGES OR ROTATING PARTS OF THE PLANT WHEN SETTING UP AND/OR FEEDING MATERIAL FOR THE PLANT. DO NOT USE WHEN WEARING LOOSE CLOTHING.
40023.10	SLIP TRIP FALL	SLIP/TRIP FROM DUST, HOSES, OFF-CUTS, MATERIAL TROLLEYS ETC. IN THE VICINITY OF THE PLANT AND COLLISION BY MOBILE PLANT.
40023.11	Electrical	PLANT TO BE USED WITH AN ELECTRICAL CIRCUIT BREAKER (SAFETY SWITCH) AND OVERLOAD PROTECTION.
40023.12	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.
40023.13	PPE	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.)
40023.14	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
40023.15	Training	PROVIDE ANY MANUFACTURER'S MANUALS/INSTRUCTIONS FOR THE PLANT
40023.16	Striking	ENTANGLEMENT/STRIKING - BY WORKPIECES AND/OR DAMAGED PART OF THE PLANT EJECTING FROM THE PLANT. FIT PROTECTIVE GUARD/VISOR TO PLANT.
40023.17	Vibration	VIBRATION - HOLDING WORKPIECE AGAINST HIGH SPEED ROTATING BRINDING WHEEL. PROVIDE HAZARD WARNING SIGN/INSTRUCTION ABOUT "WHITE FINGER".

Please refer to asset safety information overleaf

Hazard Register



Occupational Health and Safety Plant Safety Purchaser Information

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If this plant item is being purchased for use at a place of work, the purchaser is reminded of their obligations to review the hazard register and in consultation with employees, prepare a formal risk assessment for the operation of the plant item in the new environment.

In order to assess the risk, it is necessary to consider the likelihood of an incident that would impact (consequence) on health and safety at the workplace. The following guidelines are provided to assist the purchaser to complete the plant assessment.

Likelihood

- 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

Consequences

- 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 situations, employees/operators must be made aware of the control measures in place to protect them from the plant hazards.

Hazard Register



Type	BENCH GRINDER	Location	GENERIC
Make	GENERIC	Lot Number	BENCH GRINDER
Model	Generic	Sale Number	null
Serial Number		Vendor Number	

ID	Hazard Type	Hazard Description
29485.1	Friction	Person may be burnt due to contact with moving parts or surfaces of the plant, or material handled by the plant
29485.2	PPE	Operator injury resulting from not wearing provided PPE, wearing poorly maintained PPE, wearing insufficient or inappropriate PPE
29485.3	Plant Operation	Operator is not provided with Standard Operating instructions
29485.4	Slipping and Tripping	Obstacles being placed in the vicinity of the plant
29485.5	Vibration	Holding work piece against high speed rotating grinding wheel (potential for "White Finger")
29485.6	Drawing In	Operator, hair, clothing, gloves, necktie, jewellery, cleaning brushes, rags or other material being drawn into moving parts of the plant, (in-running nips in gear of pulleys duties, rollers, gear wheels on tangential surfaces, conveyor rollers, head and tail drums, rope on cables on reels, pulleys)
29485.7	Manual Handling	Operator strains and/or sprains from handling work pieces, product on and off the plant or as a result of repetitive body movements
29485.8	Slipping and Tripping	Uneven or slippery work surfaces
29485.9	Plant Operation	Plant operated by employees without suitable instruction and training
29485.10	Plant Maintenance	Not isolating, de-energising plant before commencing cleaning and/or maintenance activities.
29485.11	Striking	Operator contact with either work pieces, swarf, dust, debris or sparks being ejected during plant operation.
29485.12	Health	Exposure to dangerous goods and/or hazardous substances in conjunction with plant (liquids, solids, dusts, gases) or exposure to dusts/particules resulting from plant operation
29485.13	Noise	Operator exposed to a work environment where noise levels exceed specified maximum levels. e.g. <85dB(A)
29485.14	Entanglement	Hair, clothing, gloves, necktie, jewellery, cleaning brushes, rags or other marterials may become entabgled with moving parts of the plant, or materials in motion - rotating grinding wheel
29485.15	Mechanical	Plant not equipped with a brake to prevent excessive plant run-down
29485.16	Emergency Stop	Operator not able to stop plant operation in an emergency situation
29485.17	Plant Operation	Plant operated without fixed movable guards being correctly positioned
29485.18	Plant Maintenance	Operation of plant that is in an unsuitable condition (no maintenance schedule, inspection or records)
29485.19	Plant Controls	Unintentional or incorrect operation of plant as a result of poorly labelled/unlabelled or incorrectly labelled controls
29485.20	Electrical	Operator may receive an electrical shock from contact with a faulty electrical device or equipment (i.e. portable hand-held stationary appliance, cord extension sets and outlet devices, flexible equipment connected to equipment in hostile environments, portable isolation transformers, Residual Current Devices (RCD's), commercial and industrial battery chargers, portable and transportable 415V heavy duty tools)
29485.21	Ergonomic	Operator strains and/or sprains from operating plant that has been positioned as to required the operator to have a constrained body posture or require excessive effort

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Hazard Register



Occupational Health and Safety Plant Safety Purchaser Information

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In order to assess the risk, it is necessary to consider the likelihood of an incident that would impact (consequence) on health and safety at the workplace. The following guidelines are provided to assist the purchaser to complete the plant assessment.

Likelihood

- 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

Consequences

- 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
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- 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 situations, employees/operators must be made aware of the control measures in place to protect them from the plant hazards.

Hazard Register



Type	CRIMPER	Location	GENERIC
Make	GENERIC	Lot Number	CRIMPER
Model	Generic	Sale Number	null
Serial Number		Vendor Number	

ID	Hazard Type	Hazard Description
20508.1	Plant Operation	THIS PLANT SHOULD BE USED IN CONJUNCTION WITH AN EARTH LEAKAGE CIRCUIT BREAKER (ELCB)
20508.2	Plant Operation	THERE ARE NO MAINTENANCE RECORDS FOR THIS PLANT
20508.3	Plant Operation	PLANT SHOULD BE ASSESSED FOR NOISE GENERATION
20508.4	Plant Operation	HAZARD WARNING SIGNS SHOULD BE FITTED TO WARN OPERATORS OF CORRECT PERSONAL PROTECTIVE EQUIPMENT
20508.5	Plant Operation	THE WORK AREA ADJACENT TO THIS PLANT MUST BE KEPT CLEAR OF OBSTRUCTIONS AND PEDESTRIANS
20508.6	Plant Operation	THIS PLANT SHOULD BE OPERATED BY TRAINED PERSONNEL
20508.7	Plant Operation	THERE ARE NO OPERATING INSTRUCTIONS AVAILABLE FOR THIS PLANT
20508.8	Plant Operation	LABELS NEED TO BE AFFIXED ADJACENT TO OPERATING INSTRUCTIONS

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Hazard Register



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

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In all situations, employees/operators must be made aware of the control measures in place to protect them from the plant hazards.

Hazard Register



Type	DEMAGNETISER	Location	GENERIC
Make	GENERIC	Lot Number	DEMAGNETISER
Model	Generic	Sale Number	null
Serial Number		Vendor Number	

ID	Hazard Type	Hazard Description
34530.1	AIR PRESSURE	ENSURE ALL LINES AND FITTINGS REGULARLY INSPECTED TO PREVENT SUDDEN RELEASE OF PRESSURE.
34530.2	Emergency Stop	REPAIR OR REPLACE ANY DAMAGED EMERGENCY STOP (E-STOP) FITTED TO PLANT AS REQUIRED BY AS4024.1 SAFE GUARDING OF MACHINERY - GENERAL PRINCIPLES. PLANT TO BE USED WITH AN ELECTRICAL CIRCUIT BREAKER (SAFETY SWITCH) AND OVERLOAD PROTECTION.
34530.3	Mechanical	POWER SUPPLY TO THE PLANT MUST BE ISOLATED, DENERGISED BEFORE COMMENCING ANY CLEANING AND OR MAINTENANCE ACTIVITIES.
34530.4	Plant Operation	PROVIDE TRAINING AND ATTACH INSTRUCTIONS IN A CLEAR AND VISIBLE POSITION FOR THE OPERATOR.
34530.5	Plant Structure	PREPARE JOB SAFETY ANALYSIS (JSA) TO ASSESS AND CONTROL HAZARDS ASSOCIATED WITH DISMANTLING, TRANSPORT AND STOWING OF PLANT.
34530.6	Work Method	ENSURE THAT JSA TAKES INTO CONSIDERATION PERSONAL INJURY EXPOSURES (E.G. MANUAL HANDLING TASKS). IN PARTICULAR ANY COMPONENT OF SIGNIFICANT WEIGHT SHOULD BE MARKED WITH ITS WEIGHT TO WARN THE OPERATOR.
34530.7	Controls	ENSURE EMERGENCY TRIP WIRE SELECTION AND ARRANGEMENTS IS AS PER AS4024: SAFEGUARDING OF MACHINERY.
34530.8	Plant Operation	ACCESS TO BE RESTRICTED TO AUTHORISED AND TRAINED PERSONNEL ONLY. FIT HAZARD WARNING SIGNS (AS APPROPRIATE) TO PREVENT ACCESS TO DANGER ZONES.
34530.9	Noise	SOUND PRESSURE LEVEL (SPL) NEEDS TESTING, AT THE OPERATOR STATION, AS PER THE REGULATIONS. IF GREATER THAN 85DB(A), ATTACH CLEAR AND VISIBLE WARNINGS RE: USE OF HEARING PROTECTION.
34530.10	Guarding	MAINTAIN EXISTING BARRIERS (GRID OR MESH BARRIERS) AROUND PLANT AS PER AS 1657: FIXED PLATFORMS, WALKWAYS, STAIRWAYS AND LADDERS - DESIGN, CONSTRUCTION AND INSTALLATION, TO PREVENT FALL FROM HEIGHTS.
34530.11	Electrical	PLANT NEEDS TO BE REGULARLY INSPECTED AND MAINTAINED AS PER AS/NZS 3760: IN-SERVICE SAFETY INSPECTION AND TESTING OF ELECTRICAL EQUIPMENT, AS/NZS 3000: WIRING RULES, AND/OR AS 1543: ELECTRICAL EQUIPMENT OF INDUSTRIAL MACHINES.
34530.12	Plant Operation	NO SERVICE/MAINTENANCE RECORDS AVAILABLE. REQUIRES REGULAR DOCUMENTED CONDITION INSPECTIONS (INCL SAFETY RELATED CONTROLS).
34530.13	Mechanical	UNATTENDED PLANT SHOULD HAVE POWERED MOTIONS DISABLED AND PLANT ISOLATED BEFORE ANY WORK COMMENCES. ENSURE CONSIDERATION IS GIVEN TO STORED ENERGY INCL: GRAVITATIONAL AND LOADS UNDER SPRING COMPRESSION OR TENSION.
34530.14	Guarding	ENSURE GUARDING PROVIDED TO PREVENT ENTANGLEMENT WITH MOVING PARTS OF THE PLANT (E.G. IN- RUNNING NIP POINT BETWEEN BELT AND ROLLER). PROVIDE GUARDING TO AS 4024.1: SAFEGUARDING OF MACHINERY, PART 1 - GENERAL PRINCIPLES.
34530.15	Controls	ALL OPERATIONAL CONTROLS TO BE CLEARLY IDENTIFIED AND LABELLED.
34530.16	Guarding	MOVING PARTS OF THE PLANT MAY ENTRAP OR CRUSH BODY PARTS. ALL FIXED AND OPENABLE GUARDS MUST BE REPLACED AFTER MAINTENANCE/CLEANING ACTIVITIES.
34530.17	Electrical	PLANT TO BE USED IN CONJUNCTION WITH EARTH LEAKAGE CIRCUIT BREAKER (SAFETY SWITCH) AND OVERLOAD PROTECTION.
34530.18	Plant Operation	OPERATOR MUST BE FAMILIAR WITH THE LOCATION AND OPERATION OF THE MAIN ISOLATING SWITCH AND FIRE FIGHTING APPLIANCES/SERVICES.

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Hazard Register



Occupational Health and Safety Plant Safety Purchaser Information

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Likelihood

- 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

Consequences

- 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
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- Are temperatures of plant, or chemicals, likely to further injure entrapped person

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Hazard Register



Type	HOIST	Location	GENERIC
Make	GENERIC	Lot Number	HOIST
Model	Generic	Sale Number	null
Serial Number		Vendor Number	

ID	Hazard Type	Hazard Description
28178.1	Plant Operation	NO MAINTENANCE OR SERVICE RECORDS AVAILABLE, DOCUMENT REGULAR INSPECTION/MAINTENANCE FOR THE PLANT
28178.2	Controls	ATTACH CLEAR & VISIBLE LABELS IDENTIFYING ALL OPERATING CONTROLS.
28178.3	Plant Operation	ATTACH OPERATING INSTRUCTIONS IN A CLEAR AND VISIBLE POSITION TO OPERATOR
28178.4	Plant Operation	PLANT TO BE OPERATED IN DESIGNATED AREAS ONLY.
28178.5	Work Method	A MOBILE PLANT TRAFFIC MANAGEMENT PLAN MUST BE PREPARED TO ENSURE THE SAFETY OF PEDESTRIAN, VISITORS, OTHER VEHICLE MOVEMENTS AND PROPERTY, BEFORE THE PLANT IS USED IN THE WORKPLACE (ie. CONTACT WITH PEOPLE, OBJECTS OR BUILDING STRUCTURES)..
28178.6	Manual Handling	DOCUMENT MANUAL HANDLING RISK ASSESSMENT OF ALL MANUAL HANDLING TASKS ASSOCIATED WITH THE PLANT
28178.7	Plant Structure	ENSURE PLANT IS OPERATED AND MAINTAINED AS PER MANUFACTURER'S INSTRUCTION E.G. VERIFY/CONFIRM MODIFICATIONS TO THE PLANT PRIOR TO USE
28178.8	Electrical	ENSURE HOIST OR OBJECTS DO NOT COME INTO CONTACT WITH ELECTRICITY, INCLUDING UNPROTECTED LIVE CIRCUITS, UNLOCKED ELECTRICAL CABINETS, DAMAGED OR DEFECTIVE CONDUCTORS, OVERLOAD CIRCUITS, WATER OR COMBUSTIBLE MEDIUMS TO CONDUCT WITH THE PLANT.
28178.9	Falling Objects	ENSURE OBJECTS LIFTED BY HOIST ARE SECURED APPROPRIATELY TO PREVENT THE POTENTIAL FOR FALLING OBJECTS
28178.10	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.
28178.11	Signage	SAFE WORKING LOAD LABEL SHOULD ALWAYS BE ATTACHED TO THE PLANT.
28178.12	Plant Operation	PLANT SHOULD BE USED AND ACCESSED BY COMPETENT/SKILLED (OPERATOR) PERSONNEL ONLY.
28178.13	Plant Operation	CONDUCT AND DOCUMENT REGULAR ON-SITE INSPECTIONS OF THE PLANT CONDITION E.G. MODIFICATIONS MADE TO THE PLANT

Please refer to asset safety information overleaf

Hazard Register



Occupational Health and Safety Plant Safety Purchaser Information

This plant health and safety information has been prepared by Graysonline for the purchaser of the plant item as required by National and State OHS Legislation. Whilst every effort has been made to identify all of the hazards, it should be recognised that such hazards have been identified given due consideration to the state of knowledge of the plant item.

If this plant item is being purchased for use at a place of work, the purchaser is reminded of their obligations to review the hazard register and in consultation with employees, prepare a formal risk assessment for the operation of the plant item in the new environment.

In order to assess the risk, it is necessary to consider the likelihood of an incident that would impact (consequence) on health and safety at the workplace. The following guidelines are provided to assist the purchaser to complete the plant assessment.

Likelihood

- 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

Consequences

- 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 situations, employees/operators must be made aware of the control measures in place to protect them from the plant hazards.

Hazard Register



Type	INDUSTRIAL FAN	Location	GENERIC
Make	GENERIC	Lot Number	INDUSTRIAL FAN
Model	Generic	Sale Number	null
Serial Number		Vendor Number	

ID	Hazard Type	Hazard Description
30296.1	Electrical	PLANT TO BE USED IN CONJUNCTION WITH EARTH LEAKAGE CIRCUIT BREAKER (SAFETY SWITCH) AND OVERLOAD PROTECTION.
30296.2	Electrical	TESTING IS PAST DUE DATE. PLANT NEEDS TO BE REGULARLY INSPECTED AND MAINTAINED AS PER AS/NZS 3760: IN-SERVICE SAFETY INSPECTION AND TESTING OF ELECTRICAL EQUIPMENT, AS/NZS 3000: WIRING RULES, AND/OR AS 1543: ELECTRICAL EQUIPMENT OF INDUSTRIAL MACHINES.
30296.3	Controls	ALL OPERATIONAL CONTROLS TO BE CLEARLY IDENTIFIED AND LABELLED.
30296.4	Noise	SOUND PRESSURE LEVEL (SPL) NEED TESTING AT OPERATOR STATION, AS PER THE REGULATIONS. IF SPL GREATER THAT 85dB(A), ATTACH CLEAR AND VISIBLE WARNINGS RE: USE OF HEARING PROTECTION.
30296.5	Plant Operation	NO OPERATING INSTRUCTIONS AVAILABLE FOR THE PLANT. PROVIDE TRAINING AND ATTACH INSTRUCTIONS IN A CLEAR AND VISIBLE POSITION FOR THE OPERATOR.
30296.6	Mechanical	POWER SUPPLY TO THE PLANT MUST BE ISOLATED, DE-ENERGISED BEFORE COMMENCING ANY CLEANING AND OR MAINTENANCE ACTIVITIES.
30296.7	Plant Operation	NO SERVICE/MAINTENANCE RECORDS AVAILABLE. REQUIRES REGULAR DOCUMENTED CONDITION INSPECTIONS (INCL SAFETY RELATED CONTROLS).

Please refer to asset safety information overleaf

Hazard Register



Occupational Health and Safety Plant Safety Purchaser Information

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In order to assess the risk, it is necessary to consider the likelihood of an incident that would impact (consequence) on health and safety at the workplace. The following guidelines are provided to assist the purchaser to complete the plant assessment.

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

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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.

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Extreme risk – unacceptable, where immediate action required.

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Hazard Register



Type	NIBBLER	Location	GENERIC
Make	GENERIC	Lot Number	NIBBLER
Model	Generic	Sale Number	null
Serial Number		Vendor Number	

ID	Hazard Type	Hazard Description
23074.1	PPE	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.)
23074.2	Chemicals	AIRBORNE DUST PARTICLES AND OTHER CHEMICALS ASSOCIATED WITH THE PLANT AND/OR PROCESS. DOCUMENT RISK ASSESSMENT OF CHEMICALS ASSOCIATED WITH THE PLANT AND REFER TO MSDS. PROVIDE VENTILATION, EYE AND BREATHING PPE AS APPROPRIATE.
23074.3	Electrical	ALWAYS SWITCH OFF THE POWER AT THE SOURCE BEFORE UNPLUGGING THE PLANT. GRASP THE PLUG FIRMLY, NOT THE CORD / LEAD WHEN UNPLUGGING.
23074.4	Electrical	TO PREVENT FIRE AND ELECTRICAL SHOCKS, DO NOT EXPOSE THE PLANT TO WET ENVIRONMENTS (INCLUDING: AREAS OF HIGH HUMIDITY, SPLASHES OF WATER AND DUSTY LOCATIONS) AND DO NOT HANDLE PLUG OR THE PLANT WITH WET HANDS.
23074.5	Electrical	PLANT TO BE USED WITH AN ELECTRICAL CIRCUIT BREAKER (SAFETY SWITCH) AND OVERLOAD PROTECTION.
23074.6	Plant Operation	NO MAINTENANCE OR SERVICE RECORDS AVAILABLE. CONDUCT REGULAR DOCUMENTED SERVICE/INSPECTION OF THE PLANT. MAINTAIN RECORDS OF CHANGES/MODIFICATIONS MADE TO THE PLANT.
23074.7	Work Space	SLIP/TRIP FROM DUST, HOSES, OFF-CUTS, MATERIAL TROLLEYS ETC. IN THE VICINITY OF THE PLANT.
23074.8	Training	PROVIDE ANY MANUFACTURER'S MANUALS/INSTRUCTIONS FOR THE PLANT.
23074.9	Ergonomics	HANDLING OF WORKPIECES. CONDUCT MANUAL HANDLING RISK ASSESSMENT FOR TASK(S) ASSOCIATED WITH THE OPERATION OF THE PLANT.
23074.10	Noise	SOUND PRESSURE LEVELS NEED TESTING AT OPERATOR STATION. IF SPL GREATER THAN 85 dB(A), NOISE CONTROLS SHOULD BE IMPLEMENTED EG CLEAR & VISIBLE WARNINGS MUST BE ATTACHED RE: USE OF HEARING PROTECTION.
23074.11	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.
23074.12	Skills	PLANT TO BE USED AND ACCESSED BY COMPETENT/SKILLED PERSONEL ONLY.
23074.13	Plant Operation	ENERGY SOURCES ASSOCIATED WITH THE PLANT (ELECTRICAL ETC.) TO BE ISOLATED WHEN THE PLANT IS BEING DISMANTLED, CLEANED/MAINTAINED. ALL GUARDS REPLACED/FITTED BEFORE THE PLANT IS PUT BACK INTO SERVICE.

Please refer to asset safety information overleaf

Hazard Register

Occupational Health and Safety
Plant Safety
Purchaser Information

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In order to assess the risk, it is necessary to consider the likelihood of an incident that would impact (consequence) on health and safety at the workplace. The following guidelines are provided to assist the purchaser to complete the plant assessment.

Likelihood	Consequences
<ul style="list-style-type: none">Frequency and duration of exposureProbability of occurrence of hazard or event (including part history of incidents)Possibility to avoid / minimize or limit the damage, impact or harmReliability 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 supportConsider forces or energy levels, highest belt tensions, size of gears, pulleys or other entrapment points and therefore body parts likely to be injuredConsider sharpness of entrapment points, surrounding parts likely to exacerbate injury, and any give in the entrapment pointConsider, will entrapment continue until plant is stopped, or can an injured part travel through the entrapment areaAre temperatures of plant, or chemicals, likely to further injure entrapped person

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Hazard Register



Type	PIPE BENDER	Location	GENERIC
Make	GENERIC	Lot Number	PIPE BENDER
Model	Generic	Sale Number	null
Serial Number		Vendor Number	

ID	Hazard Type	Hazard Description
20435.1	Plant Operation	Operator is not provided with Standard Operating instructions - attach instruction in a clear and prominent position
20435.2	Plant Operation	Operation of plant that is in an unsuitable condition (no maintenance schedule, inspection or records)
20435.3	Noise	Operator exposed to a work environment where noise levels exceed specified maximum levels. e.g. <85dB(A). Sound Pressure Level (SPL) should be conducted at operators work station
20435.4	Controls	Unintentional or incorrect operation of plant as a result of poorly labelled/unlabelled or incorrectly labelled controls
20435.5	Signage	Operator injury may result from illegible or missing warning labels/signage (noise, PPE, operating instructions, hot surfaces, exits, keep hands clear etc). Regular inspection and replacement of warning labels is required
20435.6	Plant Operation	Plant operated by employees without suitable instruction and training
20435.7	Manual Handling	Operator strains and/or sprains from handling work pieces, product on and off the plant or as a result of repetitive body movements
20435.8	Electrical	Plant needs to be regularly inspected and maintained as per AS/NZS3760: in-service safety inspection and testing of electrical equipment, and AS/NZS 3000: wiring rules and or AS 1543: electrical equipment of industrial machines.
20435.9	Plant Positioning	Plant operated when not fixed in a stable position
20435.10	High Pressure Fluid	Person may come into contact with fluids under high pressure, due to plant failure or misuse of the plant

Please refer to asset safety information overleaf

Hazard Register



Occupational Health and Safety Plant Safety Purchaser Information

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Likelihood

- 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

Consequences

- 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
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Hazard Register



Type	PIPE CUTTING AND BEVELLING TOOL	Location	GENERIC
Make	GENERIC	Lot Number	PIPE CUTTER AND BEVELLER
Model	Generic	Sale Number	null
Serial Number		Vendor Number	

ID	Hazard Type	Hazard Description
7722.1	High Pressure Fluid	Person may come into contact with fluids under high pressure, due to plant failure or misuse of the plant
7722.2	Plant Positioning	Plant operated when not fixed in a stable position
7722.3	Electrical	Plant needs to be regularly inspected and maintained as per AS/NZS3760: in-service safety inspection and testing of electrical equipment, and AS/NZS 3000: wiring rules and or AS 1543: electrical equipment of industrial machines.
7722.4	Manual Handling	Operator strains and/or sprains from handling work pieces, product on and off the plant or as a result of repetitive body movements
7722.5	Plant Operation	Plant operated by employees without suitable instruction and training
7722.6	Signage	Operator injury may result from illegible or missing warning labels/signage (noise, PPE, operating instructions, hot surfaces, exits, keep hands clear etc). Regular inspection and replacement of warning labels is required
7722.7	Controls	Unintentional or incorrect operation of plant as a result of poorly labelled/unlabelled or incorrectly labelled controls
7722.8	Noise	Operator exposed to a work environment where noise levels exceed specified maximum levels. e.g. <85dB(A). Sound Pressure Level (SPL) should be conducted at operators work station
7722.9	Plant Operation	Operation of plant that is in an unsuitable condition (no maintenance schedule, inspection or records)
7722.10	Plant Operation	Operator is not provided with Standard Operating instructions - attach instruction in a clear and prominent position

Please refer to asset safety information overleaf

Hazard Register



Occupational Health and Safety Plant Safety Purchaser Information

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

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Hazard Register



Type	(PNEUMATIC) ASSORTED TOOLS	Location	GENERIC
Make	GENERIC	Lot Number	PNEUMATIC TOOLS
Model	Generic	Sale Number	null
Serial Number		Vendor Number	

ID	Hazard Type	Hazard Description
29827.1	Plant Operation	ENERGY SOURCES ASSOCIATED WITH THE PLANT (COMPRESSED AIR, ETC.) TO BE ISOLATED WHEN THE PLANT IS BEING DISMANTLED, CLEANED/MAINTAINED. ALL GUARDS REPLACED/FITTED BEFORE THE PLANT IS PUT BACK INTO SERVICE.
29827.2	Chemicals	AIRBORNE DUST PARTICLES AND OTHER CHEMICALS ASSOCIATED WITH THE PLANT AND/OR PROCESS. DOCUMENT RISK ASSESSMENT OF CHEMICALS ASSOCIATED WITH THE PLANT AND REFER TO MSDS. PROVIDE VENTILATION, EYE AND BREATHING PPE AS APPROPRIATE.
29827.3	PPE	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.)
29827.4	Work Space	SLIP/TRIP FROM DUST, HOSES, OFF-CUTS, MATERIAL TROLLEYS ETC. IN THE VICINITY OF THE PLANT.
29827.5	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
29827.6	Ergonomics	HANDLING OF WORKPIECES. CONDUCT MANUAL HANDLING RISK ASSESSMENT FOR TASK(S) ASSOCIATED WITH THE OPERATION OF THE PLANT.
29827.7	Thermal	FRICTION / ABRASION / DISINTEGRATION / MATERIAL COMMING LOOSE ASSOCIATED WITH GRINDING WHEEL/TOOL. REGULARLY MAINTAIN THE GRINDING WHEEL. MAINTAIN GUARD FITTED TO THE PLANT.
29827.8	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.
29827.9	Mechanical	ENTANGLEMENT/STRIKING/CUTTING/RUN-DOWN - DO NOT PLACE HANDS OR OTHER PARTS OF THE BODY NEAR CUTTING EDGES OR ROTATING PARTS OF THE PLANT WHEN SETTING UP AND/OR FEEDING MATERIAL FOR THE PLANT. DO NOT USE WHEN WEARING LOOSE CLOTHING.
29827.10	Plant Structure	STABILITY OF APPLIANCE AND OR ATTACHMENTS TO THE PLANT/APPLIANCE, ENSURE THE PLANT IS SECURELY FIXED/MOUNTED AND OR RESTRAINED/SUPPORTED.
29827.11	Mechanical	ENTANGLEMENT/STRIKING - BY WORKPIECES AND/OR DAMAGED PART OF THE PLANT EJECTING FROM THE PLANT.
29827.12	Vibration	VIBRATION - HOLDING HIGH SPEED ROTATING TOOL. PROVIDE HAZARD WARNING SIGN/INSTRUCTION ABOUT "WHITE FINGER".
29827.13	Plant Operation	NO MAINTENANCE OR SERVICE RECORDS AVAILABLE. CONDUCT REGULAR DOCUMENTED SERVICE/INSPECTION OF THE PLANT. MAINTAIN RECORDS OF CHANGES/MODIFICATIONS MADE TO THE PLANT.
29827.14	Skills	PLANT TO BE USED AND ACCESSED BY COMPETENT/SKILLED PERSONEL ONLY.
29827.15	Training	PROVIDE ANY MANUFACTURER'S MANUALS/INSTRUCTIONS FOR THE PLANT.

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Hazard Register



Occupational Health and Safety Plant Safety Purchaser Information

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Likelihood

- 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

Consequences

- 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

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Extreme risk – unacceptable, where immediate action required.

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Hazard Register



Type	WATER COOLER	Location	GENERIC
Make	GENERIC	Lot Number	WATER COOLER
Model	Generic	Sale Number	null
Serial Number		Vendor Number	

ID	Hazard Type	Hazard Description
30140.1	Mechanical	POWER SUPPLY TO THE PLANT MUST BE ISOLATED, DE-ENERGISED BEFORE COMMENCING ANY CLEANING AND OR MAINTENANCE ACTIVITIES.
30140.2	Electrical	PLANT NEEDS TO BE REGULARLY INSPECTED AND MAINTAINED AS PER AS/NZS 3760: IN-SERVICE SAFETY INSPECTION AND TESTING OF ELECTRICAL EQUIPMENT, AND AS/NZS 3000: WIRING RULES.
30140.3	Manual Handling	ENSURE THAT SPECIFIED WORK INSTRUCTIONS DO NOT CAUSE PERSONAL INJURY (E.G. MANUAL HANDLING TASKS). NOTE: ANY COMPONENT OF SIGNIFICANT WEIGHT SHOULD BE MARKED WITH THE WEIGHT TO WARN THE OPERATOR
30140.4	Electrical	PLANT TO BE USED IN CONJUNCTION WITH EARTH LEAKAGE CIRCUIT BREAKER (SAFETY SWITCH) AND OVERLOAD PROTECTION.
30140.5	Plant Operation	NO SERVICE/MAINTENANCE RECORDS AVAILABLE. REQUIRES REGULAR DOCUMENTED CONDITION INSPECTIONS (INCL SAFETY RELATED CONTROLS).

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Hazard Register



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Likelihood

- 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

Consequences

- Assume “worst case” injury, but also competent follow-up medical and rehabilitation support
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Hazard Register



Type	WELDER	Location	GENERIC
Make	GENERIC	Lot Number	WELDER
Model	Generic	Sale Number	null
Serial Number		Vendor Number	

ID	Hazard Type	Hazard Description
30658.1	Plant Operation	AREA SHOULD BE KEPT CLEAR OF OBSTRUCTIONS AND PEDESTRIANS.
30658.2	PPE	EYE PROTECTORS SHOULD BE IN ACCORDANCE WITH AS1337: EYE PROTECTORS FOR THE INDUSTRIAL ENVIRONMENT.
30658.3	Signage	SIGNAGE MUST BE ATTACHED RE: WELDING FUMES, GASES AND USE OF EYE PROTECTION.
30658.4	Plant Operation	NO SERVICE/MAINTENANCE RECORDS AVAILABLE. REQUIRES REGULAR DOCUMENTED CONDITION INSPECTIONS (INCL SAFETY RELATED CONTROLS).
30658.5	Plant Operation	WELDING SPARKS CAN CAUSE FIRE OR EXPLOSION, OBSERVE ALL PRECAUTIONS FOR HOT WORK.
30658.6	Noise	SOUND PRESSURE LEVELS NEED TESTING AT OPERATOR STATION. IF SPL IS GREATER THAN 85 dB(A), NOISE CONTROL MEASURES SHOULD BE IMPLEMENTED EG HEARING PROTECTION.
30658.7	Signage	ALL OPERATOR CONTROLS ARE CLEARLY IDENTIFIED AND LABELLED.
30658.8	Radiation	WELDING FLASH CAN CAUSE INJURY. PROVIDE PROTECTION FOR THE OPERATOR (PPE) AND WELDING SCREEN TO PROTECT PERSONS IN THE VICINITY OF ANY WELDING PROCESSES EG FLASH CURTAIN.
30658.9	Air Quality	AIRBORNE WELDING FUME, DUSTS AND CHEMICALS ASSOCIATED WITH THE USE OF THE WELDER AND THE WELDING PROCESS. REFER TO MSDS, UNDERTAKE ANALYSIS OF AIRBORNE CONCENTRATION OF WELDING FUME, UNDERTAKE RISK ASSESSMENT AND IMPLEMENT APPROPRIATE CONTROLS EG FUME/ DUST
30658.10	Electrical	WELDING LEADS/EARTH RETURN CABLE MUST BE REGULARLY CHECKED AND THE CONDITION DOCUMENTED.
30658.11	Plant Operation	OPERATORS WORKSTATION SHOULD BE KEPT CLEAN.
30658.12	Electrical	PLUG LEAD IS DAMAGED. REPAIR. PLANT NEEDS TO BE REGULARLY INSPECTED AND MAINTAINED AS PER AS/NZS 3760: IN-SERVICE SAFETY INSPECTION AND TESTING OF ELECTRICAL EQUIPMENT, AND AS/NZS 3000: WIRING RULES OR AS 1543: ELECTRICAL EQUIPMENT OF INDUSTRIAL MACHINES.
30658.13	Electrical	PLANT TO BE USED IN CONJUNCTION WITH EARTH LEAKAGE CIRCUIT BREAKER (SAFETY SWITCH) AND OVERLOAD PROTECTION.
30658.14	Plant Operation	PLANT SHOULD BE OPERATED IN ACCORDANCE WITH AS1674: SAFETY IN WELDING AND ALLIED PROCESSES.
30658.15	Skills	PLANT SHOULD ONLY BE USED AND ACCESSED BY COMPETENT PERSONNEL.
30658.16	PPE	PROVIDE PROTECTIVE CLOTHING FOR WELDERS IN ACCORDANCE WITH AS1588.
30658.17	Process Manual	OBTAIN AND READ MANUFACTURERS INSTRUCTIONS.
30658.18	Mechanical	POWER SUPPLY TO THE PLANT MUST BE ISOLATED, DE-ENERGISED BEFORE COMMENCING ANY CLEANING AND OR MAINTENANCE ACTIVITIES.
30658.19	Electrical	THIS ITEM MAY NOT BE MANUFACTURED FOR USE WITH THE AUSTRALIAN VOLTAGE OF 240 VOLT AC 50 HZ. ENSURE THAT EQUIPMENT IS CHECKED BY A LICENSED ELECTRICIAN PRIOR TO USING AND THAT THE PLUG AND EARTHING REQUIREMENTS ARE AS REQUIRED BY AUSTRALIAN WIRING STANDARDS.
30658.20	Plant Operation	OPERATING INSTRUCTIONS SHOULD BE ATTACHED IN A CLEAR AND VISIBLE POSITION FOR USE BY THE OPERATOR.

Please refer to asset safety information overleaf

Hazard Register



Occupational Health and Safety Plant Safety Purchaser Information

This plant health and safety information has been prepared by Graysonline for the purchaser of the plant item as required by National and State OHS Legislation. Whilst every effort has been made to identify all of the hazards, it should be recognised that such hazards have been identified given due consideration to the state of knowledge of the plant item.

If this plant item is being purchased for use at a place of work, the purchaser is reminded of their obligations to review the hazard register and in consultation with employees, prepare a formal risk assessment for the operation of the plant item in the new environment.

In order to assess the risk, it is necessary to consider the likelihood of an incident that would impact (consequence) on health and safety at the workplace. The following guidelines are provided to assist the purchaser to complete the plant assessment.

Likelihood

- 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

Consequences

- 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 situations, employees/operators must be made aware of the control measures in place to protect them from the plant hazards.