



Asset Hazard Register

GRAYSONLINE

As at November 16, 2011

Type: MILL DRILL
Make: RONG FU
Model: RF-40

Auction Venue: SALE NO 3000735
Lot number: LOT 201
Sale Date:

ID	Hazard Type	Hazard Description
1	Plant Operation	RELEASE OF STORED ENERGY DUE TO MALFUNCTION AND OR DAMAGE TO THE PLANT
2	Plant Operation	ENERGY SOURCES ASSOCIATED WITH THE PLANT TO BE ISOLATED WHEN THE PLANT IS BEING CLEANED/MAINTAINED/DISMANTLED.
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.
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.
5	Electrical	PLANT TO BE USED WITH AN ELECTRICAL CIRCUIT BREAKER (SAFETY SWITCH) AND OVERLOAD PROTECTION.
6	Skills	PLANT TO BE USED AND ACCESSED BY COMPETENT/SKILLED PERSONEL ONLY.
7	Plant Operation	NO MAINTENANCE OR SERVICE RECORDS AVAILABLE AT TIME OF INSPECTION. CONDUCT REGULAR DOCUMENTED SERVICE/INSPECTIONS OF THE PLANT. MAINTAIN RECORDS OF CHANGES/MODIFICATIONS MADE TO THE PLANT.
8	Ergonomics	CONDUCT MANUAL HANDLING RISK ASSESSMENTS FOR TASK(S) ASSOCIATED WITH THE OPERATION OF



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9	Access	THE PLANT (ie CHANGING WORKPIECES) HOUSEKEEPING PROCEDURES SHOULD BE IMPLEMENTED TO IMPROVE ACCESS OR EGRESS TO OR FROM PLANT. HOSES, CORDS AND OBJECTS IN THE PATH OF OPERATOR.
10	Maintenance	IMPLEMENT LOCKOUT/TAGOUT SYSTEM FOR MAINTENANCE OPERATIONS CONDUCTED ON THE PLANT
11	Signage	ENSURE SIGNAGE ALERTING OPERATORS OF HOT SURFACES, HIGH PRESSURE OR MOVING PARTS IS ERECTED. SIGNAGE INDICATING THE PPE REQUIREMENTS SHOULD ALSO BE ERECTED.
12	Entanglement	ENTANGLEMENT WITH MILLING PIECE PLANT ATTACHMENTS WHILE MACHINE OPERATIONAL. GUARDING SHOULD BE IN ACCORDANCE WITH AS4024.1202: SAFEGUARDING OF MACHINERY.
13	Cutting, Stabbing and Puncturing	CONTACT AND HANDLING OF SWarf. EMPLOYEES SHOULD ENSURE THE APPROPRIATE PPE IS WORN TO PREVENT CUTTING WITH SWarf.
14	Operator controls	OPERATOR CONTROLS SHOULD BE LABELLED CLEARLY SO THE OPERATOR IS AWARE OF THE APPROPRIATE CONTROLS.
15	Air Quality	DUST PARTICLES AND OTHER CHEMICALS ASSOCIATED WITH THE PLANT. DOCUMENT RISK ASSESSMENT, REFER TO MSDS.
16	PPE	PERSONAL PROTECTIVE EQUIPMENT (PPE) - IDENTIFY TYPE AND PROVIDE INSTRUCTION/INFORMATION RE: USE, STORAGE, CARE AND MAINTENANCE.
17	Plant Operation	IMPLEMENT SAFE OPERATING PROCEDURES FOR THE OPERATION OF PLANT AND ERECT IN A VISIBLE LOCATION AT OPERATOR WORKSTATIONS.
18	Plant Structure & Operation	READ MANUFACTURERS GUIDELINES ON SAFE PLANT MAINTENANCE AND OPERATION.
19	Plant Access	SIMPLE ACCESS TO PLANT MOVING PARTS. ACCESS SHOULD BE RESTRICTED VIA GUARDING IN



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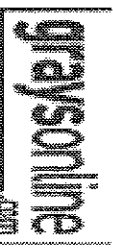
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ACCORDANCE WITH AS4024.1202

EMERGENCY STOP BUTTON TO BE INSTALLED. AS PER AS 1604 Safety of Machinery, Design of controls, interlocks and guarding - Emergency stop-Principles for design.

20 Emergency Stop

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

The outcome of the risk assessment is a prioritised list of risks and risk controls (existing and proposed) for further action based on the following risk ratings:

Low risk- may be considered acceptable, where the existing controls in place are seen to be effective, requiring periodic monitoring for effectiveness.

Medium risk- considered to be unacceptable and requiring additional risk controls within medium to long term.

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

Extreme risk – unacceptable, where immediate action required.

In all of these cases employees/operators must be made aware of the risk controls in place to protect them from the hazards.