Hazard Register

Type	ELECTRICALLY POWERED CONVEYOR	**Location**	
Make	GENERIC	**Sale Number**	1965
Model	Generic	**Lot Number**	ELECTRICALLY POWERED CONVEYOR
Serial Number			

ID	Hazard Type	Hazard Description
97698.2	Manual Handling	OPERATOR SPRAINS AND/OR STRAINS FROM MANUAL HANDLING WORK PIECES/PRODUCT ON AND OFF PLANT ITEM OR AS A RESULT OF REPETITIVE BODY MOVEMENT.
97698.3	Guarding	IN- RUNNING NIP POINTS, ACCESS TO ROLLERS AND GEAR DRIVE ARRANGEMENTS PRESENT A CRUSHING/ SHEARING HAZARD. ENSURE GUARDING IS IN ACCORDANCE WITH THE RELEVANT AUSTRALIAN STANDARDS .
97698.4	Plant Maintenance	POWER SUPPLY TO THE PLANT MUST BE ISOLATED, DENERGISED BEFORE COMMENCING ANY CLEANING AND OR MAINTENANCE ACTIVITIES.
97698.5	Guarding	MOVING PARTS OF THE PLANT MAY ENTRAP OR CRUSH BODY PARTS. ALL FIXED AND OPERABLE GUARDS MUST BE REPLACED AFTER MAINTENANCE/CLEANING ACTIVITIES AS PER THE RELEVANT AUSTRALIAN STANDARDS.
97698.8	Entanglement	HAIR, CLOTHING, GLOVES, JEWELLERY, RAGS OR OTHER MATERIALS BECOMING ENTANGLED IN MOVING PARTS OF PLANT OR MATERIALS IN MOTION.
97698.9	Plant Operation	UNATTENDED PLANT SHOULD HAVE POWERED MOTIONS DISABLED AND PLANT ISOLATED.
97698.10	SAFETY 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.
97698.11	Controls	ALL OPERATIONAL CONTROLS TO BE CLEARLY IDENTIFIED AND LABELLED.
97698.12	Electrical	PLANT TO BE USED IN CONJUNCTION WITH EARTH LEAKAGE CIRCUIT BREAKER (SAFETY SWITCH) AND OVERLOAD PROCTECTION.
97698.14	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.
97698.15	Electrical	ELECTRICAL PLANT NEEDS TO BE REGULARLY INSPECTED AND MAINTAINED AS PER THE RELEVANT AUSTRALIAN STANDARDS FOR IN-SERVICE SAFETY INSPECTION AND TESTING OF ELECTRICAL EQUIPMENT, AND WIRING RULES, AND/OR AS 1543: ELECTRICAL EQUIPMENT OF INDUSTRIAL MACHINES.
97698.16	Plant Operation	ATTACH OPERATING INSTRUCTIONS IN A CLEAR AND VISIBLE POSITION FOR THE OPERATOR.
97698.17	Emergency Stop	ENSURE COMPLIANT LATCHING EMERGENCY STOP (E-STOP) AS REQUIRED BY LEGISLATION IS FITTED TO PLANT AS REQUIRED BY THE RELEVANT AUSTRALIAN STANDARDS FOR SAFE GUARDING OF MACHINERY - GENERAL PRINCIPLES. PLANT TO BE USED WITH AN ELECTRICAL CIRCUIT BREAKER (SAFETY SWITCH) AND OVERLOAD PROTECTION.

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 WHS Legislation. Whilst every effort has been made to identify all of the hazards, it should be recognised that all reasonably practicable hazards have been identified given due consideration to:

- state of knowledge about the plant item
- the availability and suitability of ways to eliminate or control the hazards
- the cost of evaluating, eliminating or controlling the hazard

Consequently, if this plant item is being purchased for use at a place of work, the purchaser is reminded of their obligations to involve and consult with employees in identifying foreseeable hazards, assess their risks and to take action to eliminate or control the risks.

In order to assess the risk, it is necessary to consider for all the identified hazards, the chance (likelihood) of something happening that would impact (consequence) on health and safety at the workplace. The following guidelines are provided to assist the purchaser in consistently carrying out an assessment of risk:

Likelihood

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