

Hazard Register



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| Type | RAIL CRANE | Location | |
| Make | - | Sale Number | 5049732 |
| Model | - | Lot Number | 21 |
| Serial Number | | | |

| ID | Hazard Type | Hazard Description |
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| 131890.1 | ENTRAPMENT | ENTRAPMENT BY PLANT DURING SETUP (USE). ATTACH WARNING SIGN AND ONLY COMPETENT AND TRAINED OPERATORS AUTHORISED TO USE THE PLANT. |
| 131890.2 | Plant Structure | ENSURE THAT ALL LIFTING POINTS AND ATTACHMENTS E.G. HOOKS, CHAINS, SHACKLES ARE INSPECTED EVERY 6 MONTHS BY A COMPETENT PERSON. |
| 131890.3 | SAFETY SIGNAGE | THERE IS NO SAFETY SIGNS ON THIS PLANT. ENSURE THERE ARE SAFETY SIGNS PRESENT ON THIS PLANT INCLUDING OVERHEAD HIGH VOLTAGE WARNING SIGNS AND SAFE WORK LOAD PLATE. PLANT REQUIRES HAZARD WARNING SIGNS E.G. CRUSHING HAZARD, HOT SURFACE AND USE OF EYE PROTECTION (IF ASSESSED). THERE ARE SAFE WORK DESIGNATIONS ALONG THE MAST OF THIS CRANE. |
| 131890.4 | Plant Structure | ENSURE THAT ALL LIFTING DEVICES ARE REGULARLY INSPECTED (3 MONTH) E.G. CHAINS, HOOKS, SHACKLES. ENSURE THAT A SAFETY LATCH IS USED TO BE COMPLAINT WITH AUSTRALIAN STANDARD:CRANE, HOISTS AND WINCHES. |
| 131890.5 | OVERHEAD OBSTRUCTIONS | ELECTROCUTION . ENSURE OPERATORS ARE AWARE OF POTENTIAL HAZARDS OF OVERHEAD ELECTRICITY LINES AND ENSURE THAT THE OVERHEAD ZONING LABEL IS PRESENT IN THE CAB. |
| 131890.6 | Guarding | THE ENGINE BAY IS OPEN WITH EXPOSED MOVING BELT DRIVES. ENSURE GUARDING OF THE PLANT IS IN ACCORDANCE WITH AS 4024 SAFETY OF MACHINERY. ENSURE GUARDING OVER MOVING PARTS IN THE ENGINE BAY INCLUDING FIXED GUARDING OVER THE ENGINE BAY. |
| 131890.7 | Hot Surfaces | BURNS, EXPLOSIONS. THE EXHAUST IS EXPOSED ON THIS PLANT. ENSURE EXHAUST IS NOT EXPOSED AND FITTED WITH GUARDING. ENSURE EXHAUST CAGE FITTED WHEN USING IN THE WORKPLACE (FITTED ON THIS PLANT. WAIT UNTIL ENGINE COOLS PRIOR TO USING FLAMMABLE SUBSTANCES IN IMMEDIATE VICINITY. ENSURE EXHAUST GUARDING IS SECURED ON THIS PLANT. |
| 131890.8 | warning device | ENSURE THAT AUDIBLE AND VISUAL WARNING DEVICES ARE PRESENT ON THE PLANT AS PER THE AUSTRALIAN STANDARD. THERE IS A ROTATING WARNING LIGHT ON THIS PLANT (NOT TESTED AT THE TIME OF INSPECTION). |
| 131890.9 | Plant Maintenance | CONDUCT AND DOCUMENT REGULAR PLANT CONDITION INSPECTIONS. |
| 131890.10 | Visibility | COLLISION. ENSURE THAT THERE IS CLEAR ALL ROUND VISION FOR THE DRIVER INCLUDING REVERSE MIRRORS. |
| 131890.11 | Plant Operation | EXCLUSION ZONE AROUND PLANT WILL NEED TO BE MAINTAINED TO PROTECT AGAINST PLANT / PEOPLE INTERACTION DURING PLANT OPERATION. |
| 131890.12 | Plant Structure | ENSURE SAFE LOAD LIMIT FOR THE PLANT IS CLEARLY MARKED (IE SWL LOAD LIMIT). THERE ARE SAFE WORK LOAD RATINGS FOR THE CRANE EXTENSIONS. ENSURE THAT THE OPERATOR IS MADE AWARE OF THE SAFE WORK LOAD RATING FOR THE CRANE EXTENSION-REFER TO THE MANUFACTURERS MANUAL (OBTAIN). |
| 131890.13 | Noise | SOUND PRESSURE LEVELS (SPL) NEEDS TESTING AT OPERATOR STATION. IF SPL GREATER THAN 85 dB(A), CLEAR & VISIBLE WARNINGS MUST BE ATTACHED RE: USE OF HEARING PROTECTION. |
| 131890.14 | Skills | PLANT TO BE USED AND ACCESSED ONLY BY COMPETENT/SKILLED PERSONS ONLY. |

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| 131890.15 | Plant Operation | ATTACH CLEAR & VISIBLE SAFE OPERATING INSTRUCTIONS IN OPERATOR WORK AREA. |
| 131890.16 | Plant Controls | ALL PLANT OPERATOR CONTROLS ARE TO BE CLEARLY LABELLED & IDENTIFIED PRIOR TO USING THE PLANT IN THE WORKPLACE INCLUDING LEVERS. |
| 131890.17 | Plant Structure | ENSURE THAT THE PLANT HAS UNDERGONE A 10 YEAR INDEPENDENT TEST CONDUCTED FOR CRANE. |
| 131890.18 | High Pressure Fluid | PERSONS MAY COME INTO CONTACT WITH FLUIDS UNDER HIGH PRESSURE, DUE TO PLANT FAILURE OR MISUDE OF PLANT. |
| 131890.19 | Plant Operation | NO SERVICE OR MAINTENANCE RECORDS AVAILABLE. |
| 131890.21 | Crushing | COMING IN CONTACT WITH MOVING PARTS OF THE PLANT DURING TESTING, INSPECTION, OPERATION, MAINTENANCE, CLEANING OR REPAIR. FALLING OBJECTS. |
| 131890.22 | Ergonomics | LOWER BACK INJURIES, STRAINS, CIRCULATION. ENSURE THE SEAT IS IN GOOD CONDITION. |
| 131890.23 | Plant Structure | ENSURE THE PLANT IS USED ON LEVEL/FIRM/STABLE GROUND TO PREVENT IT FROM TOPPLING OVER. |
| 131890.24 | MODIFICATION | ENSURE THAT THE MODIFICATIONS ARE CHECKED BY AN ENGINEER AND /OR CERTIFIED BEFORE USE IN THE WORKPLACE. |
| 131890.25 | Fire/Explosion | THERE IS NO FIRE EXTINGUISHER PRESENT. ENSURE FIRE EXTINGUISHER IS FITTED TO PLANT BEFORE USE. |

Health and Safety Plant Safety Purchaser Information

This plant health and safety information has been prepared by Grays for the purchaser of the plant item as required by National WHS Legislation. Whilst every effort has been made to identify all of the hazards, it should be recognised that all reasonably practicable hazards have been identified given due consideration to:

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

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

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

| Likelihood | Consequences |
|--|---|
| <ul style="list-style-type: none">• 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 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.