BRAVO

Asset Hazard Register

As at November 26, 2013

Type: MINI TIPPER
Make: CUSHMAN
Model: TRUCKSTER

Auction Venue: 5008571
Lot number: 15
Sale Date:

ID	Hazard Type	Hazard Description
1	Plant Operation	ENSURE AIR, OIL AND LUBRICANT LINES ARE APPROPRIATELY IDENTIFIED AND LABELED. ENSURE THAT PINCH POINTS PRESENT AT TRUCK BED AREA AND HYDRYAULIC RAMS HAVE SIGNS AFFIXED WARNING OF HAZARD. ENSURE THAT MANUAL OPERATION OF TIPPER LOWERING MECHANISM DOES NOT EXPOSE OPERATORS TO ENTRAPMENT POINTS BETWEEN BETWEEN TIPPER AND BODY
2	Roll Over	PLANT TO BE OPERATED IN DESIGNATED AREAS ONLY (I.E. FIRM/STABLE/LEVEL GROUND). ATTACH OPERATING INSTRUCTIONS IN A CLEAR AND VISIBLE POSITION TO OPERATOR
3	Traffic Control	ENSURE THAT A SAFETY MANAGEMENT PLAN HAS BEEN DEVELOPED AND IS IMPLEMENTED AT THE SITE. INCLUDE SITE PLANT REGISTRATION CONTROLS, TRAFFIC MANAGEMENT PLANT FOR MOBILE PLANT AND NATIONAL CERTIFICATES OF COMPETENCY FOR FOR HIGH RISK WORK. ENSURE THAT MANAGEMENT OF MOBILE PLANT ACTIVITIES IS IN ACCORDANCE WITH THE RELEVANT ACTS AND REGULATIONS IN FORCE.
4	Employer Obigations	ANYONE IN CONTROL OF PLANT THAT IS USED BY PEOPLE AT WORK MUST ENSURE THAT THE PLANT IS SAFE WHEN IT IS USED PROPERLY. DESIGNERS, MANUFACTURERS AND SUPPLIERS OF POWERED MOBILE VEHICLES, AND EMPLOYERS WHO USE POWERED MOBILE VEHICLES AT THE WORKPLACE, MUST IDENTIFY THE HAZARDS, ASSESS THE RISKS ASSOCIATED WITH THE VEHICLES AND DEVELOP ADEQUATE MEASURES TO ELIMINATE OR CONTROL THE RISKS.
5	Entanglement	ASSESS PLANT FOR ENTANGLEMENT AND ENTRAPMENT HAZARDS. RISK ASSESS HAZARDS AS PER AS4360:2004 RISK MANAGEMENT AND IMPLEMENT APPROPRIATE CONTROLS AS REQUIRED BY AS4024.1 SAFE GUARDING OF MACHINERY - GENERAL PRINCIPLES

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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, SUPPORT LOCKS INSTALLED IF WORKING UNDER THE TIPPER BODY, 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.
7	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.
8	Maintenance	OPERATOR COMING INTO CONTACT WITH MOVING PARTS OF THE PLANT DURING TESTING, INSPECTION, OPERATION, MAINTENANCE, CLEANING, OR REPAIR OF PLANT
9	Training and 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/COMPETENCY ASSESSED TO OPERATE PLANT. ENSURE RECORDS OF QUALIFICATIONS ARE RETAINED ONSITE
10	Pressure	HYDRAULIC PRESSURE PRESENT. ENSURE THAT ALL PRESSURE IS RELEASED PRIOR TO PERFORMING MAINTENANCE OR DE-COMISSIONING TASKS.
11	Plant Operation	CONDUCT PRE-START CHECKS DAILY - RETAIN RECORDS OF INSPECTIONS

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12	Maintenance	ENSURE THAT NON-RETURN VALVES AND CHECK VALVES FOR HYDRAULIC SYSTEMS ARE REGULARLY CHECKED. RETAIN RECORDS OF CHECKS AND INSPECTIONS - CRUSHING FROM TIP-OVER OF PLANT IF OPERATING BEYOND THE RANGE OF THE MACHINE'S CAPACITY - CRUSH INJURIES MAY RESULT TO OPERATORS FROM INCORRECT JACKING OR SUPPORTING OF PLANT
13	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
14	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.
15	Maintenance	FAILURE OF FLEXIBLE HOSES (HYDRAULIC, PNEUMATIC, FUEL, LPG OR OIL LINES) RESULTING IN UNCONTROLLED OR UNWANTED RELEASE. CONDUCT REGULAR MAINTENANCE CHECKS AND RETAIN RECORDS OF INSPECTIONS

Work Health and Safety (WHS)

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	Consequence
• 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	• 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.