

Hazard Register



Type	SMOOTH DRUM ARTICULATED ROLLER	Location	Select
Make	CATERPILLAR	Sale Number	7030995
Model	CS78B	Lot Number	0001
Serial Number		Vendor	111685-1002

ID	Hazard Type	Hazard Description
123773.1	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.)
123773.2	Emergency Stop	THERE IS AN E-STOP IN CABIN ON THIS PLANT. REGULARLY TEST FOR CORRECT FUNCTIONING..
123773.3	Mechanical	STRIKING/CUTTING/CRUSHING - DO NOT PLACE HANDS OR OTHER PARTS OF THE BODY NEAR THE ARTICULTION POINT OF PLANT DURING OPERATION.
123773.4	Clothing	ENTANGLEMENT - DO NOT OPERATE PLANT WITH LOOSE CLOTHING.
123773.5	Mechanical	POWER SUPPLY TO THE PLANT MUST BE ISOLATED, DE-ENERGISED BEFORE COMMENCING ANY CLEANING AND OR MAINTENANCE ACTIVITIES.
123773.6	Thermal Conditions	EXPOSURE TO UV (SUN) RADIATION AND OR HEAT STRESS TO THE OPERATOR.
123773.7	Rollover	ROLL OVER PROTECTIVE (ROPS) DEVICE PRESENT.
123773.8	High Pressure Fluid	ALL HOSES AND FITTINGS TO BE REGULARLY INSPECTED AND MAINTAINED AS PER THE QLD PLANT CODE OF PRACTICE 2005.
123773.9	Plant Operation	NO OPERATING INSTRUCTIONS AVAILABLE. DEVELOP OPERATING INSTRUCTIONS FOR THE SAFE USE OF THE ROLLER .
123773.10	SLIP TRIP FALL	HANDLES AND STEPS IN WORKING ORDER. ENSURE NON SLIP MATERIAL ON STEPS AND IN CABIN PRESENT.
123773.11	Controls	NO DOCUMENTED INSTRUCTIONS PROVIDED FOR THE PLANT. ENSURE THE OPERATOR CONTROLS ARE CLEARLY LABELLED ON THIS PLANT .
123773.12	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.
123773.13	Registration	ENSURE PLANT APPROPRIATELY REGISTERED FOR ROAD USE.
123773.14	Ergonomics	ENSURE THAT THE SEAT IS SECURED AS PER THE MANUFACTURERS SPECIFICATIONS. ENSURE THAT PLANT OPERATORS WEAR SEAT BELT DURING OPERATION.
123773.15	Signage	RISK ASSESS ALL HAZARDS AND APPLY THE APPROPRIATE SAFETY SIGNAGE. ENSURE WARNING LABELS PRESENT FOR ROLLOVER, FAULTY GAUGE CHECK FUEL, DRIVERS RESPONSIBILITIES, PINCH POINTS. ENSURE CRUSH AND READING SAFETY INFORMATION LABELS PRESENT FOR OPERATION PRESENT ON THIS PLANT.
123773.16	Guarding	ENTANGLEMENT HAZARDS ASSOCIATED WITH EXPOSED MOVING PARTS. THE EXISTING GUARDS NEED TO BE FIXED IN ACCORDANCE WITH AS 4024 SAFE GUARDING OF MACHINERY.
123773.17	warning device	ENSURE THAT ONE AUDIBLE AND ONE VISUAL WARNING DEVICE ARE WORKING PRIOR TO WORK COMMENCING.
123773.18	Fire	FUELS, HYDRAULIC FLUID EXPLODING. NO NAKED FLAMES OR IGNITION POINTS IN VICINITY WHEN REFUELLING OR

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MAINTENANCE BEING CONDUCTED. FIRE EXTINGUISHER IS PRESENT. ENSURE THAT THE FIRE SUPPRESSION SYSTEM IS INSPECTED EVERY 12 MONTHS.

123773.19 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.

123773.20 Skills

PLANT TO BE USED AND ACCESSED BY COMPETENT/SKILLED PERSONNEL ONLY.

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.