

# Hazard Register



Type	SCRAPER	Location	-
Make	CATERPILLAR	Sale Number	7046566
Model	623B	Lot Number	0010
Serial Number		Vendor	127006-1

ID	Hazard Type	Hazard Description
139881.1	Labelling	ENSURE AIR, OIL AND LUBRICANT LINES ARE APPROPRIATELY IDENTIFIED AND LABELED.
139881.2	Plant Operation	OWNERS AND USERS MUST ENSURE THAT THE PLANT IS NOT USED TO CARRY ANOTHER PERSON (OTHER THAN THE OPERATOR) UNLESS: IT IS DESIGNED TO DO SO AND IF IT HAS A SPECIFICALLY DESIGNED SEAT FOR CARRYING ANOTHER PERSON , AND THE SEAT IS INSIDE A PROTECTIVE ZONE , THE SEAT BELTS ARE FITTED AND THE OTHER PERSON IS SEATED IN THE SEAT.
139881.3	Emergency Provisions	AN EMPLOYER MUST ENSURE THAT EMERGENCY PROCEDURES FOR THE PLANT ARE VISIBLY DISPLAYED FOR THE OPERATOR.
139881.4	Maintenance	CONDUCT REGULAR MAINTENANCE CHECKS OF WARNING SYSTEMS AND LIGHTS RETAIN RECORDS OF INSPECTIONS.
139881.5	Fire	BROKEN HYDRAULIC , FUEL, OR OIL. ENSURE THERE IS A FIRE EXTINGUISHER ON THIS PLANT. THERE IS A FIRE SUPPRESSION UNIT. ENSURE THAT THE FIRE EXTINGUISHERS ARE INSPECTED BY A QUALIFIED PERSON EVERY SIX MONTHS. ENURE THAT THE FIRE SUPPRESSION UNIT IS INSPECTED EVERY 12 MONTHS.
139881.6	Plant Structure	OWNERS AND USERS OF MOBILE PLANT MUST ENSURE THAT POWERED MOBILE PLANT IS FITTED WITH APPROPRIATE SEAT RESTRAINTS IF: THE PLANT IS FITTED WITH A ROLLOVER PROTECTIVE STRUCTURE OR A FALLING OBJECT PROTECTIVE STRUCTURE AND ATTACHMENT POINTS FOR THE SEAT RESTRAINTS ARE PART OF THE ORIGINAL DESIGN.
139881.7	Plant Operation	ENSURE LOGBOOK IS COMPLETED WITH DAILY OPERATIONAL SAFETY CHECKS AND RECORDS OF FAULTS, REPAIRS AND MAINTENANCE.
139881.8	Maintenance	OPERATOR COMING INTO CONTACT WITH MOVING PARTS OF THE PLANT DURING TESTING, INSPECTION, OPERATION, MAINTENANCE, CLEANING, OR REPAIR OF PLANT.
139881.9	Plant Operation	ENSURE VISUAL AND AUDIBLE WARNING DEVICES PRESENT ON PLANT. REGULARLY CHECK LIGHTS, REVERSING ALARMS AND OTHER WARNING SYSTEMS FOR CORRECT AND SAFE OPERATION. REPAIR FAULTS AND RECORD FAULTS IN PLANT MAINTENANCE LOGBOOK.
139881.10	Visibility	ENSURE ALL MIRRORS ARE PRESENT AND IN WORKING ORDER. ENSURE THAT WINDSCREEN AND WINDOWS CAN EASILY BE SEEN THROUGH. CLEAN OFF ANY ACCUMULATED DUST AND REPAIR GLASS IF DAMAGED.
139881.11	Plant Operation	INJURY TO PASSENGERS MAY RESULT FROM CARRYING PASSENGERS. ENSURE PASSENGERS ARE NOT CARRIED ON THE PLANT.
139881.12	Entanglement	ASSESS PLANT FOR ENTANGLEMENT AND ENTRAPMENT HAZARDS ENSURE PLANT IS GUARDED AS REQUIRED BY AS4024.1 SAFEGUARDING OF MACHINERY - GENERAL PRINCIPLES.
139881.13	Plant Operation	ENSURE REFUELLING IS CARRIED OUT BY COMPETENT PERSONNEL. ALLOW SUFFICIENT TIME FOR PLANT TO COOL BEFORE REFUELLING. ENSURE THAT A CLOSED SPOUT IS USED TO DISPENSE THE FUEL.
139881.14	Registration	ENSURE THAT REGISTRATION IS CURRENT PRIOR TO OPERATING ON PUBLIC ROAD. ENSURE THAT PLANT IS OPERATED WITHIN THE PARAMETERS OF THE LIMITED REGISTRATION.

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139881.15	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.
139881.16	Training & Competency	ENSURE THAT OPERATORS ARE TRAINED IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL OCCUPATIONAL HEALTH AND SAFETY CERTIFICATION STANDARD FOR USERS AND OPERATORS OF INDUSTRIAL EQUIPMENT - 3RD EDITION [NOHSC:1006(2001)].
139881.17	Standards	ENSURE THE PLANT COMPLIES WITH THE REQUIREMENTS OF AS 2294 EARTHMOVING MACHINERY - PROTECTIVE STRUCTURES, AS 2951 EARTH MOVING MACHINERY AND AS 2958 EARTH MOVING MACHINERY - SAFETY.
139881.18	Emergency Stop	REGULARLY CHECK OPERATION OF EMERGENCY STOPS (E-STOPS) TO PLANT AS REQUIRED BY AS4024.1 SAFE GUARDING OF MACHINERY - GENERAL PRINCIPLES.
139881.19	SLIP TRIP FALL	ENSURE ALL LADDERS, STEPS AND PLATFORMS HAVE FIXED HANDRAILS, NON SLIP AND IN GOOD WORKING CONDITION.
139881.20	Plant Operation	PRIOR TO OPERATION OF PLANT , ENSURE THAT A SAFETY MANAGEMENT PLAN HAS BEEN DEVELOPED AND IS IMPLEMENTED AT THE SITE. NCLUDE 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. MOBILE PLANT AND PEDESTRIANS ARE TO BE ADEQUATELY SEPARATED TO AVOID IMPACTS. TRAFFIC MANAGEMENT PLAN TO BE DEVELOPED AND IMPLEMENTED.
139881.21	Signage	NO SAFETY SIGNS PRESENT ON THIS PLANT. ENSURE SAFETY SIGNAGE ARE ATTACHED, MAINTAINED AND EASILY READ AS PER THE MANUFACTURERS SPECIFICATION OR AS RISK ASSESSED E.G. WARNING OF ROTATION OF MACHINE AND PINCH POINTS, OPERATION OF MACHINE.
139881.22	Plant Operation	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 RISK.
139881.23	Plant Operation	UNAUTHORISED OPERATION OF PLANT (KEYS LEFT IN THE IGNITION). REMOVE KEYS FROM IGNITION IF PLANT IS LEFT UNATTENDED.
139881.24	Plant Operation	CONDUCT PRE-START CHECKS DAILY - RETAIN RECORDS OF INSPECTIONS.
139881.25	Training & 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 TO OPERATE PLANT. ENSURE RECORDS OF QUALIFICATIONS ARE RETAINED ONSITE.
139881.26	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 TASKS. IF ACCESS TO THE PLANT IS REQUIRED TO PERFORM THESE TASKS, THE PLANT MUST BE STOPPED 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.

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

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.