

# Hazard Register



Type	RIDE ON SCRUBBER	Location	TEMPLATE
Make	TEMP	Sale Number	
Model	TEMPLATE	Lot Number	RIDE ON SCRUBBER
Serial Number			

ID	Hazard Type	Hazard Description
31539.1	Hazard Control	A PLANT MANUFACTURER/OWNER/SITE CONTROLLER MUST IDENTIFY ANY FORESEEABLE HAZARD THAT MAY BE INCORPORATED INTO THE PLANT DURING THE MANUFACTURING PROCESS AND THAT HAS THE POTENTIAL TO HARM THE HEALTH OR SAFETY OF ANY PERSON DURING THE INSTALLATION, ERECTION, COMMISSIONING, USE, REPAIR, DISMANTLING, STORAGE OR DISPOSAL OF THE PLANT AT A PLACE OF WORK OR, IN THE CASE OF PLANT AFFECTING PUBLIC SAFETY, AT ANY OTHER PLACE AT WHICH THE PLANT IS LOCATED.
31539.2	Dust	AIRBORNE DUST PARTICLES ASSOCIATED WITH THE PLANT AND/OR PROCESS. DOCUMENT RISK ASSESSMENT OF DUSTS ASSOCIATED WITH THE PLANT AS PER AS4360-2004 RISK MANAGEMENT AND IMPLEMENT APPROPRIATE CONTROLS. REFER TO MSDS. PROVIDE EYE AND BREATHING PPE AS APPROPRIATE.
31539.3	Plant Operation	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, [OCCUPATIONAL HEALTH AND SAFETY REGULATION 2001, CLAUSE 137(1)(D)-(F)] 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.
31539.4	Legislation	ANYONE WHO OWNS AND OPERATES POWERED MOBILE PLANT MUST ENSURE THAT [OCCUPATIONAL HEALTH AND SAFETY REGULATION 2001, CLAUSE 127]: THE PLANT INCORPORATES ERGONOMIC PRINCIPLES, ALLOWS SAFE ACCESS TO VARIOUS COMPONENTS FOR MAINTENANCE, ADJUSTMENT, REPAIR AND CLEANING, MINIMISES THE BUILD UP OF UNWANTED SUBSTANCES OR MATERIALS THAT CREATE A RISK AND MINIMISES THE RISK OF UNINTENDED OVERTURNING OR A FALLING OBJECT CONTACTING THE OPERATOR AND, IF THERE IS A RISK OF THE PLANT OVERTURNING, OBJECTS FALLING ON THE OPERATOR OR THE OPERATOR BEING EJECTED, APPROPRIATE PROTECTIVE DEVICES ARE INCORPORATED IN THE DESIGN.
31539.5	Plant Operation	ENSURE THAT PLANT IS OPERATED IN ACCORDANCE WITH THE GUIDANCE AND GENERAL REQUIREMENTS OF THE NOHSC PUBLICATION: NATIONAL OCCUPATIONAL HEALTH AND SAFETY CERTIFICATION STANDARD FOR USERS AND OPERATORS OF INDUSTRIAL EQUIPMENT - 3RD EDITION [NOHSC:1006 (2001)], NOHSC PUBLICATION: NATIONAL STANDARD FOR PLANT [NOHSC:1010(1994)]
31539.6	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/COMPETENCY ASSESSED TO OPERATE PLANT. ENSURE RECORDS OF QUALIFICATIONS ARE RETAINED ONSITE
31539.7	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.

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31539.8	Hazard Control	ENSURE PLANT IS ASSESSED AND GUARDED AS PER REQUIREMENTS AS4024.1 SAFE GUARDING OF MACHINERY - GENERAL PRINCIPLES. ENSURE THAT ALL PROJECTILE GUARDS ARE CORRECT SET PRIOR TO OPERATION - ASSESS PLANT FOR ENTANGLEMENT AND ENTRAPMENT HAZARDS. RISK ASSESS HAZARDS AS PER AS4360:2004 RISK MANAGEMENT AND IMPLEMENT APPROPRIATE CONTROLS
31539.11	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, DUST MASK ETC.)
31539.12	Risk Control	DAILY CHECK OPERATION OF SEAT SAFETY SWITCH AND CONTROL SAFETY START INTERLOCKS- RETAIN RECORDS OF INSPECTION - UNDER OCCUPATIONAL HEALTH AND SAFETY ACT 2000, SECTION 10, ANYONE IN CONTROL OF PLANT THAT IS USED BY PEOPLE AT WORK MUST ENSURE THAT THE PLANT IS SAFE WHEN IT IS USED PROPERLY.
31539.13	Plant Operation	ANYONE WHO OWNS AND OPERATES POWERED MOBILE PLANT MUST ENSURE THAT THE PLANT IS NOT USED TO CARRY, LIFT OR LOWER ANOTHER PERSON (OTHER THAN THE OPERATOR) UNLESS, IT IS DESIGNED TO DO SO
31539.14	Hazard Control	AN EMPLOYER MUST ENSURE THAT RELEVANT INFORMATION IS OBTAINED TO HELP IDENTIFY HAZARDS, ASSESS RISKS AND DEVELOP APPROPRIATE RISK CONTROL MEASURES.
31539.15	Electrical	ENSURE THAT SUFFICIENT VENTILATION IS PROVIDED WHEN CHARGING LEAD ACID BATTERIES. IF CHARGING OVERNIGHT, ENSURE THAT UNIT IS SITUATED IN A WELL VENTILATED AREA, AWAY FROM COMBUSTIBLE MATERIALS
31539.16	Electrical	ALWAYS SWITCH OFF POWER FOR THE CHARGING UNIT AT THE SOURCE BEFORE UNPLUGGING THE PLANT. GRASP PLUG FIRMLY, NOT THE CORD / LEAD WHEN UNPLUGGING. PLANT CHARGING UNIT TO BE USED IN CONJUNCTION WITH EARTH LEAKAGE CIRCUIT BREAKER (SAFETY SWITCH) AND OVERLOAD PROTECTION
31539.17	Emergency Stop	REPAIR OR REPLACE DAMAGED EMERGENCY STOP (E-STOP) FITTED TO PLANT AS REQUIRED BY AS4024.1 SAFE GUARDING OF MACHINERY - GENERAL PRINCIPLES. PLANT TO BE USED WITH AN ELECTRICAL CIRCUIT BREAKER (SAFETY SWITCH) AND OVERLOAD PROTECTION.
31539.18	Chemicals	CHEMICALS ASSOCIATED WITH THE PLANT AND/OR PROCESS. DOCUMENT RISK ASSESSMENT OF CHEMICALS ASSOCIATED WITH THE PLANT AS PER AS4360-2004 RISK MANAGEMENT AND IMPLEMENT APPROPRIATE CONTROLS. REFER TO MSDS. PROVIDE EYE AND BREATHING PPE AS APPROPRIATE.

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.