

# Hazard Register



<b>Type</b>	RIDE ON SWEEPER	<b>Location</b>	Select
<b>Make</b>	TENNANT	<b>Sale Number</b>	7031991
<b>Model</b>	S20	<b>Lot Number</b>	0512
<b>Serial Number</b>		<b>Vendor</b>	116071-512

ID	Hazard Type	Hazard Description
124518.1	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 IS DECLARED COMPETENT TO OPERATE THE PLANT OR HAS A RECOGNISED QUALIFICATION TO OPERATE THAT PLANT. ENSURE OPERATOR IS APPROPRIATELY LICENSED/CERTIFIED/COMPETENCY ASSESSED TO OPERATE PLANT. ENSURE RECORDS OF QUALIFICATIONS ARE RETAINED ONSITE.
124518.2	Plant Operation	COLLISION. STROBE LIGHT PRESENT ON THIS PLANT. ENSURE ALL VISUAL AND AUDIBLE WARNING DEVICES ARE FUNCTIONING CORRECTLY BEFORE USE IN THE WORKPLACE E.G. HORN, OPERATING BEEPER.
124518.3	Plant Structure	OWNERS AND USERS OF RIDE ON TRUCKS 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 (WHERE MANUFACTURER SPECIFIES). THERE IS NO ROPS ON THIS PLANT.
124518.5	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 EMISSION 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.
124518.6	Ergonomics	ENSURE THAT ALL PARTS OF THE SEAT PROVIDE ERGONOMIC SUPPORT. ENSURE REGULAR RECORDED INSPECTIONS FOR CORRECT FUNCTIONING OF SEAT.
124518.7	Risk Control	IDENTIFY ALL OPERATIONAL HAZARDS ASSOCIATED WITH PLANT, RISK ASSESS IDENTIFIED HAZARDS AS PER AS4360:2004 RISK MANAGEMENT AND IMPLEMENT APPROPRIATE CONTROLS. DOCUMENT ALL RISK ASSESSMENTS
124518.8	Signage	ENSURE THAT ALL SAFETY LABELS AND SAFETY INSTRUCTION LABELS ARE EASILY READ AND DISPLAYED AS PER THE MANUFACTURERS REQUIREMENTS. ENSURE SAFETY WARNING INSTRUCTIONAL SIGN IS PRESENT ON THIS PLANT.
124518.9	Fire	ENSURE REFUELLING IS CARRIED OUT BY COMPETENT PERSONNEL. ALLOW SUFFICIENT TIME FOR PLANT TO COOL BEFORE REFUELLING (LPG).
124518.10	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.
124518.11	Plant Operation	ENSURE TO OBTAIN THE MANUFACTURERS OPERATIONS MANUAL.
124518.12	Guarding	ENERGY SOURCES ASSOCIATED WITH THE PLANT (ELECTRICAL ETC.) TO BE ISOLATED WHEN THE PLANT IS

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		BEING DISMANTLED, CLEANED/MAINTAINED. ALL GUARDS REPLACED/FITTED BEFORE THE PLANT IS PUT BACK INTO SERVICE.
124518.13	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 RISKS.
124518.14	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 & EAR PROTECTION, DUST MASK ETC.).
124518.15	Installation, Operation & Maintenance	A PLANT MANUFACTURER/ OWNER/SITE CONTROLLER MUST IDENTIFY ANY FORESEEABLE HAZARD THAT MAY BE INCORPORATED INTO THE PLANT DURING THE OPERATIONAL 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.
124518.16	Work Method	ENSURE MANUAL HANDLING RISK ASSESSMENT IS CARRIED FOR ALL TASK ASSOCIATED WITH THE PLANT AND ENSURE THE PLANT IS OPERATED ON A FIRM/STABLE GROUND.
124518.17	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)],
124518.18	Entanglement	ROTATING PARTS OF PLANT COULD ENTANGLE OPERATOR OR LOOSE CLOTHING. ENSURE THAT ALL PERSONNEL STAND CLEAR OF PLANT WHEN IN OPERATION AND THAT NO LOOSE CLOTHING IS WORN NEAR THE PLANT. THERE IS NO EMERGENCY STOP BUTTON ON THIS PLANT .
124518.19	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 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.
124518.20	Electrical	ENSURE THAT THE BATTERY CHARGING IS LOCATED IN A WELL VENTILATED AREA. ENSURE THAT THE BATTERY IS REGULARLY INSPECTED BY A QUALIFIED ELECTRICIAN AS PER AS3760. THERE IS A BATTERY ISOLATION BUTTON ON THIS PLANT.
124518.21	Flammable substances	EXPLOSION, FIRE. WHERE APPLICABLE ENSURE THAT THE FUEL LINES AND FITTINGS ARE REGULARLY CHECKED FOR WEAR AND DAMAGE. ENSURE OPEATORS ARE FAMILIAR WITH CHANGING THE FUEL.

## 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.