

Hazard Register



Type	TRENCH ROLLER	Location	
Make	WACKER NEUSON	Sale Number	3026837
Model	DIESEL	Lot Number	2
Serial Number			

ID	Hazard Type	Hazard Description
139934.2	CRUSHING.	OPERATORS, MAINTENANCE PERSONNEL AND BYSTANDERS OR THEIR BODY PARTS CAN BE CRUSHED DUE TO MATERIAL FALLING OFF THE ROLLER; UNCONTROLLED OR UNEXPECTED MOVEMENT OF THE ROLLER; LACK OF ABILITY FOR THE ROLLER TO BE SLOWED, SHOPPED OR IMMOBILISED; THE ROLLER TIPPING OR ROLLING OVER; COMING IN CONTACT WITH MOVING PARTS OF THE ROLLER DURING SETUP, TESTING, INSPECTION, OPERATION, MAINTENANCE, CLEANING AND REPAIR; OPERATORS BEING THROWN OFF OR UNDER THE ROLLER; BEING TRAPPED BETWEEN PARTS OF THE ROLLER OR THE ROLLER OR FIXED STRUCTURES.
139934.5	STRIKING.	OPERATORS OR BYSTANDERS CAN BE STRUCK BY MOVING OBJECTS DUE TO THE UNCONTROLLED OR UNEXPECTED MOVEMENT OF THE ROLLER OR MATERIAL HANDLED BY THE ROLLER BEING EJECTED OR FLYING OR FALLING OFF THE ROLLER.
139934.6	HIGH PRESSURE FLUIDS	OPERATORS, BYSTANDERS AND MAINTENANCE PERSONNEL CAN COME IN CONTACT WITH FLUIDS UNDER PRESSURE, DUE TO FAILURE OR MISUSE OF THE ROLLER OR LACK OF ISOLATION PROCEDURES.
139934.10	SLIP TRIP FALL	OPERATORS, BYSTANDERS AND PASSENGERS USING AND WORKING AROUND THE ROLLER CAN SLIP, TRIP AND FALL DUE TO UNEVEN OR SLIPPERY SURFACES ON THE ROLLER.
139934.11	FALL FROM HEIGHTS	OPERATORS, BYSTANDERS, MAINTENANCE PERSONNEL AND PASSENGERS REQUIRED TO WORK ON THE ROLLER CAN FALL FROM HEIGHTS DUE TO LACK OF PROPER WORK PLATFORM; LACK OF PROPER STAIRS OR LADDERS; LACK OF GUARD RAILS OR OTHER EDGE PROTECTION; AND POOR WALKING OR WORK SURFACES, SUCH AS UNEVEN, STEEP OR SLIPPERY WORK SURFACES.
139934.12	ERGONOMICS.	OPERATORS AND PASSENGERS CAN BE INJURED DUE TO POORLY DESIGNED AND MAINTAINED SEATING AND OPERATOR CONTROLS THAT REQUIRE REPETITIVE BODY MOVEMENT; CONSTRAINED BODY POSTURE OR THE NEED FOR EXCESSIVE EFFORT; AND MISMATCH OF ROLLER WITH HUMAN TRAITS AND NATURAL LIMITATIONS.
139934.14	HIGH TEMPERATURE	OPERATORS, PASSENGERS AND MAINTENANCE PERSONNEL MAY BE BURNT BY COMING INTO CONTACT WITH PARTS OF THE ROLLER AT HIGH TEMPERATURES.
139934.15	FIRE.	OPERATORS, MAINTENANCE PERSONNEL AND PEOPLE REQUIRED TO REFUEL THE ROLLER CAN BE INJURED BY FIRE DUE TO FAILURE OR MISUSE OF THE ROLLER OR THE LACK OF OPERATION PROCEDURES.
139934.16	ENVIRONMENTAL TEMPERATURE	OPERATORS CAN SUFFER HEAT STRESS OR HEAT STROKE DUE TO PROLONGED EXPOSURE TO THE SUN OR HIGH TEMPERATURES.
139934.17	CHEMICALS, FUELS	EXPOSURE TO CHEMICALS (LPG, PETROL, DIESEL) THROUGH THE REFUELLING OF THE

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		ROLLER CAN CAUSE IRRITATION TO THE EYES, NOSE, THROAT AND SKIN. WHILE PROLONGED EXPOSURE CAN CAUSE IRREVERSIBLE HEALTH ISSUES.
139934.18	TOXIC GASES, VAPOURS AND FUMES	OPERATORS CAN BE INJURED OR SUFFER ILL-HEALTH FROM PROLONGED EXPOSURE TO FUMES GIVEN OFF BY THE OPERATION OF THIS ROLLER.
139934.19	NOISE.	OPERATORS AND BYSTANDERS CAN BE INJURED OR SUFFER ILL-HEALTH FROM EXPOSURE TO NOISE LEVELS GREATER THAN 85db(A) CONTINUES OVER 8 HOURS OR 140db(C) PEAK, THROUGH THE OPERATION OF THIS ROLLER.
139934.20	VIBRATION.	OPERATORS AND BYSTANDERS CAN BE INJURED OR SUFFER ILL-HEALTH FROM EXPOSURE TO VIBRATION GIVEN OFF THROUGH THE OPERATION OF THIS ROLLER.
139934.24	TRAFFIC MANAGEMENT.	BYSTANDERS AND PEOPLE REQUIRED TO WORK AROUND ROLLER CAN BE INJURED DUE TO THE LACK OF TRAFFIC MANAGEMENT PROCEDURES, BARRIERS AND GUARDING.
139934.25	PASSANGERS	PASSENGERS CAN BE SEVERELY INJURED OR KILLED AS A RESULT OF RIDING ON THE ROLLER WHERE A PASSENGER SEATS AND SEAT BELT IS NOT PROVIDED. PASSENGERS SHOULD NOT RIDE ON OR IN THE ROLLER WHERE A PASSENGERS SEAT AND SEAT BELT IS NOT PROVIDED. NEVER CARRY PASSENGERS ON THE TRAY OR OTHER LOAD HANDLING AREAS.
139934.26	PLANT OPERATION.	THE ROLLER SHOULD ONLY BE OPERATED BY COMPETENT, SKILLED AND TRAINED PERSONAL. ALL OPERATOR CONTROLS AND SAFETY SYSTEMS SHOULD BE TESTED PRIOR TO OPERATION AND ALL FAULTS REPORTED IMMEDIATELY. THIS ROLLER SHOULD NEVER BE OPERATED WITHOUT ALL GUARDING IN PLACE AND ALL SAFETY SYSTEMS FUNCTIONING CORRECTLY.
139934.27	MAINTENANCE.	THE ROLLER SHOULD ONLY BE MAINTAINED BY COMPETENT, SKILLED AND TRAINED PERSONNEL AND ALL ENERGY SOURCES ASSOCIATED WITH THE ROLLER TO BE ISOLATED AND DE ENERGISED WHILE THE ROLLER IS BEING MAINTAINED. THE ROLLER SHOULD NOT BE PUT BACK IN SERVICE WITHOUT ALL GUARDS IN PLACE AND ALL SAFETY SYSTEMS TESTED AND OPERATIONAL.
139934.28	INFORMATION, INSTRUCTION, TRAINING & SUPERVISION	ALL OPERATORS, MAINTENANCE PERSONNEL AND PEOPLE REQUIRED TO WORK ON THE ROLLER REQUIRE INFORMATION ON THE OPERATION AND HAZARDS OF THE ROLLER, INSTRUCTION AND TRAINING ON HOW TO OPERATE, CLEAN AND MAINTAIN THE ROLLER AND PERSONAL SHOULD ALWAYS BE SUPERVISED WHEN OPERATING, MAINTAINING OR REQUIRED TO WORK AROUND THE ROLLER.

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.