

Hazard Register



Type	STUMP GRINDER (FUEL)	Location	
Make	-	Sale Number	5055193
Model	-	Lot Number	1
Serial Number			

ID	Hazard Type	Hazard Description
141953.1	ENTANGLEMENT.	HAIR, CLOTHING, GLOVES, JEWELLERY, TOOLS, RAGS OR OTHER MATERIALS OR BODY PARTS MAY BECOME ENTANGLED WITH MOVING PARTS OF THE STUMP GRINDER OR MATERIALS IN MOTION SHOULD OPERATOR, MAINTENANCE PERSONNEL OR BYSTANDERS GET TO CLOSE TO THE MOVING PARTS OF THE STUMP GRINDER.
141953.2	CRUSHING.	OPERATORS, MAINTENANCE PERSONNEL AND BYSTANDERS OR THEIR BODY PARTS CAN BE CRUSHED DUE TO UNCONTROLLED OR UNEXPECTED MOVEMENT OF THE STUMP GRINDER; LACK OF ABILITY FOR THE STUMP GRINDER TO BE SLOWED, SHOPPED OR IMMOBILISED; THE STUMP GRINDER TIPPING OR ROLLING OVER; BEING TRAPPED BETWEEN PARTS OF THE STUMP GRINDER OR THE STUMP GRINDER AND MATERIALS OR FIXED STRUCTURES DURING SETUP, TESTING, INSPECTION, OPERATION, MAINTENANCE, CLEANING AND REPAIR.
141953.3	CUTTING, STABBING OR PUNCHING	FINGERS, HANDS, ARMS AND OTHER BODY PARTS CAN BE CUT, STABBED OR PUNCHED DUE TO COMING IN CONTACT WITH SHARP OR THE MOVING PARTS OF THE STUMP GRINDER DURING OPERATION, MAINTENANCE, CLEANING AND REPAIR; THE MOBILITY OF THE STUMP GRINDER AND THE UNCONTROLLED OR UNEXPECTED MOVEMENT OF THE STUMP GRINDER.
141953.4	SHEARING.	PEOPLE WORKING AROUND THE STUMP GRINDER CAN HAVE FINGERS, HANDS AND OTHER BODY PARTS SHEARED BETWEEN TWO PARTS OF THE STUMP GRINDER, OR BETWEEN A PART OF THE STUMP GRINDER AND THE MATERIAL BEING GROUND.
141953.5	STRICKING	OPERATORS OR BYSTANDERS CAN BE STRUCK BY MOVING OBJECTS DUE TO THE UNCONTROLLED OR UNEXPECTED MOVEMENT OF THE STUMP GRINDER OR MATERIAL HANDLED BY THE STUMP GRINDER BEING EJECTED OR FLYING OFF THE STUMP GRINDER.
141953.6	HIGH PRESSURE FLUID.	OPERATORS, BYSTANDERS AND MAINTENANCE PERSONNEL CAN COME IN CONTACT WITH FLUIDS UNDER PRESSURE, DUE TO FAILURE OF THE STUMP GRINDER, MISUSE OF THE STUMP GRINDER OR LACK OF ISOLATION PROCEDURES.
141953.10	SLIP TRIP FALL	OPERATORS, BYSTANDERS AND PASSENGERS USING AND WORKING AROUND STUMP GRINDER CAN SLIP, TRIP AND FALL DUE TO UNEVEN OR SLIPPERY SURFACES ON AND IN THE VICINITY OF THE STUMP GRINDER.
141953.13	SUFFOCATION.	OPERATORS, MAINTENANCE PERSONNEL AND BYSTANDERS CAN BE SUFFOCATED DUE TO THE USE OF THIS STUMP GRINDER IN AN ENCLOSED ENVIRONMENT.
141953.14	HIGH TEMPERATURE	OPERATORS, PASSENGERS AND MAINTENANCE PERSONNEL MAY BE BURNT BY COMING INTO CONTACT WITH PARTS OF THE STUMP GRINDER AT HIGH TEMPERATURES.
141953.15	FIRE.	OPERATORS, MAINTENANCE PERSONNEL AND PEOPLE REQUIRED TO REFUEL THE STUMP GRINDER CAN BE INJURED BY FIRE DUE TO FAILURE OR MISUSE OF THE STUMP GRINDER

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		OR THE LACK OF OPERATION PROCEDURES.
141953.16	ENVIRONMENTAL TEMPERATURE	OPERATORS CAN SUFFER HEAT STRESS OR HEATSTROKE DUE TO PROLONGED EXPOSURE TO THE SUN OR HIGH TEMPERATURES.
141953.17	CHEMICALS, FUELS	EXPOSURE TO CHEMICALS (LPG, PETROL, DIESEL) THROUGH THE REFUELLING OF STUMP GRINDER CAN CAUSE IRRITATION TO THE EYES, NOSE, THROAT AND SKIN. WHILE PROLONGED EXPOSURE CAN CAUSE IRREVERSIBLE HEALTH ISSUES.
141953.18	FUMES.	OPERATORS CAN BE INJURED OR SUFFER ILL-HEALTH FROM PROLONGED EXPOSURE TO FUMES GIVEN OFF BY THE OPERATION OF THIS STUMP GRINDER.
141953.19	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 STUMP GRINDER.
141953.27	PLANT OPERATION.	THE STUMP GRINDER 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 STUMP GRINDER SHOULD NEVER BE OPERATED WITHOUT ALL GUARDING IN PLACE AND ALL SAFETY SYSTEMS FUNCTIONING CORRECTLY.
141953.28	MAINTENANCE.	THE STUMP GRINDER SHOULD ONLY BE MAINTAINED BY COMPETENT AND TRAINED PERSONNEL AND ALL ENERGY SOURCES ASSOCIATED WITH THE STUMP GRINDER TO BE ISOLATED AND DE ENERGISED WHILE STUMP GRINDER IS BEING MAINTAINED. THE STUMP GRINDER SHOULD NOT BE PUT BACK IN SERVICE WITHOUT ALL GUARDS IN PLACE AND ALL SAFETY SYSTEMS TESTED AND OPERATING CORRECTLY.
141953.29	INFORMATION, INSTRUCTION, TRAINING & SUPERVISION	ALL OPERATORS, MAINTENANCE PERSONNEL AND PEOPLE REQUIRED TO WORK AROUND THE STUMP GRINDER, REQUIRE INFORMATION ON THE OPERATION, SETUP AND HAZARDS OF THE STUMP GRINDER, INSTRUCTION AND TRAINING ON HOW TO OPERATE, REFUEL, SETUP, DISMANTLE, MAINTAIN AND WORK WITH THE STUMP GRINDER AND PERSONNEL SHOULD ALWAYS BE SUPERVISED WHEN OPERATING, SETTING UP, DISMANTLING, MAINTAINING, REFUELLING OR REQUIRED TO WORK AROUND A STUMP GRINDER.

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.