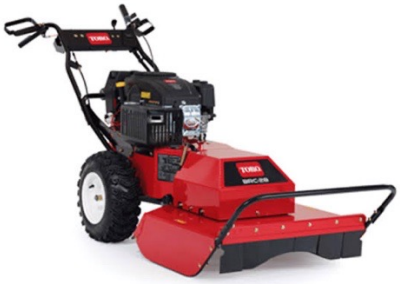
PRE-START REPORT



Mower Slasher

Assessment ID	#108
Conducted Date	14/09/2022
Report Expiry Date	14/09/2023
Make	example
Model	example
Serial Number	123
Registration	

Customer

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Assessor

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Table of Content

1 Executive Summary

A plant risk assessment has been conducted for Example. **The Plant Risk assessment involved discussions with relevant stakeholders of the Mower Slasher**. And when such persons have not been available the review of this report is available to such people for review and comment.

Risks have been identified, categorised and assessed using PRA's Risk Management Approach. Risks have been rated from low to high using Three-point likelihood and Three-point consequence matrix. This risk review was conducted using the PRA App from Glow Technologies Pty Ltd.

PRA has around 7,000 unique risk controls based on 58 Australian Standards, WHS and State based Plant Regulations and Plant Codes of Practice. Glow Technologies has also incorporated 1000's of other existing Operational and Maintenance controls based on their 20 years' experience and expertise in conduct Plant Risk Assessments. The Plant Regulations of 2017 and Code of Practice of 2019 & WHS Regulations of 2021 and Australian Standards AS 4024 for Safeguarding of Machinery and up to 57 other relevant Standards make up the data risk control pool.

This Report is subject to the disclaimer which is available at the appendix of this report.

ASSESSOR'S COMMENT

no comment

When developing solutions for identified hazards the risk assessment team members applied the Hierarchy of Controls. A hierarchy of hazard control measures has been established which is used on the basis that, the higher the control strategy is in the hierarchy, the preferable and effective it is.

** **Please note that the Working at Height Regulations for the management of Height Risks uses a different Hierarchy of controls that requires relevant stakeholders to avoid working at height and if not possible to review other various controls such as the use of scaffolding, EWP Platforms, Fall Protection Screens and Coverings, installation of railing and the use of Harness and Lanyard systems and lastly the use of ladders.**

Applying Control Measures

The higher the control strategy is on the hierarchy order, the more preferable and effective it is. Control measures can be used to reduce or eliminate the identified hazard.

Often, more than one control option maybe used to minimise risk, e.g. exhaust ventilation plus the wearing of gloves and goggles.

In many cases there will be a number of control options available. The decision about the control measures to be used should be made in consultation with the affected employees, considering the hierarchy of control measures.

When considering control measures, it is sometimes necessary to apply a control measure which is at the bottom of the hierarchy, for example PPE, as a short-term solution until a more effective control measure can be instituted. However, PPE may still be required even though control measures are in place e.g. construction item such as hard hat and boots.

2 Hazard Checklist

RESIDUAL RISK RATING(S)

	YES Hydraulic oil level is adequate		**YES** Transmission oil level is adequate
	YES Coolant level is adequate		**YES** Fuel level is adequate
	YES AdBlue level is adequate		**YES** Machine is without major leaks

	YES Fire extinguisher(s) is present and with valid inspection date.		**YES** All lights, reflectors and flashing beacons are present and function correctly.
	YES All hydraulic hoses are connected correctly and are without leaks or damage.		**YES** All tracks and track components are functioning correctly.
	YES All batteries are secured and fitted with guard cover.		**YES** All engine & exhaust guards are present, secure and in functioning order.
	YES All grease points are greased as per manufacturer's recommendations.		**YES** All structural components are in safe working condition, free from fatigue or damage. i.e Cracking
	YES All operator access and egress are nonslip, sturdily attached, and free from damage with at least three points of contact available.		**YES** Battery isolator present and functioning.
	YES All loose items in cabin/work area that could cause harm to the operator are restrained safely.		**YES** Seat(s) sturdily attached and free from damage. Seat belt(s) present and in working order. Work environment is ergonomically set up.
	YES All windows and screens are present, clean, and free from damage		**YES** Windscreen wipers are present and function in accordance to manufacture specifications.
	YES Air conditioning/heating in working order		**YES** All Operator warning device(s), in working order
	YES All controls are fully functional, free from damage and legibly labelled as to purpose and method of operation.		**YES** "Dial Before You Dig" warning label present and legible
	YES Manufacturer's operational and safety information is legible and available.		**YES** Is this machine safe and free of hazards that could cause harm to others.
	YES Emergency stop buttons are clearly marked and functional		**YES** Electrical leads tested & tagged, and up to date.
	YES All tyres or tracks have good tread, free from excessive wear and tear. Wheel nuts checked and firm.		**YES** All brake functions have been checked and function correctly.
	YES All warning decals are clear and readable.		**YES** Reverse warning beeper is functioning correctly
	YES Reverse camera is functioning correctly		**YES** SWL Loading plate visible
	YES Handrailing is correct height, sturdy and anchor points are adequately attached.		**YES** Cabin/operating environment is free from hazardous fumes or chemicals.

3 Machine Details

Mower Slasher

Registration: -

Front of plant

Rear of plant

Left of plant

Right of plant

Interior of plant

Another Interior of plant

4

Appendix

Risk Management Approach

Risk Management Strategy

The Strategy requires the analysis of operational and maintenance activities to determine the likelihood of the risk eventuating and what required controls are necessary to reduce the risk by applying current Safety Regulations and Codes of Practice and relevant Australian Standards. The objective of the Plant Risk Assessment is to demonstrate an reduction of risk through engineering or administrative controls which is represented in the residual or risk exposure (reduced risk ratings High to Medium) remaining after the mitigation effort. In essence, the aim of a Plant Risk Assessment is to provide a common risk management framework to assist all relevant stakeholders (operators, maintenance staff, site supervisors) to understand and agree on controls put in place to manage the risk of a plant item.

A Definition of Risk

Broadly speaking, risks are defined as uncertain future events that could influence the achievement of the organisation's strategic and operational goals and objectives. In practical terms, risk is the exposure to the threat of such things as economic, financial, reputational loss or gain, physical damage, injury or delay, as a consequence of pursuing or not pursuing a particular course of action.

Definition of Hazard

A HAZARD is any situation with the potential for human injury, damage to property, damage to the environment or a combination of these.

The Process

Identification of Risk

The underlying philosophy for the identification of risk exposure is to use directly the expertise of persons that have the responsibility for managing those risk exposures.

In practice this should involve all stakeholders such as operators, maintenance personnel and other involved personnel such as site supervisors. The Plant Assessor needs to understand the entire dynamic risk exposure of all exposed persons to potential hazards from the plant.

In the event of time constraints of the availability of stakeholders its not always possible to involve such people in direct discussions when conducting the plant assessment. In such situations the Plant Assessor should have sufficient qualifications, experience, and knowledge to understand the dynamics of the plant risks in commonly used environments and make suggested controls contained within this PRA App or if required their own. In such situations, it is always preferred that the Plant Risk Assessment is reviewed by site-based personnel and other relevant stakeholders to confirm the adequacy of the identification of hazards and suggested risk control framework based on the exposure to site environmental and operational constraints.

Codes of Practice and Hazard Identification

Remember, Codes of Practice are part of a strategy to raise the awareness of workplace health and improve safety practice. They have been developed for particular hazards and provide guidelines to help designers, manufacturers, suppliers and employers/PCBU's identify, assess and control risks arising from these hazards, such as Plant and Equipment.

Unless cited in a Regulation, they are not compulsory for designers, manufacturers, suppliers or employers/ PCBU's to implement, but their implementation signifies the employer's/PCBU commitment to comply with their legal obligation to provide a safe and healthy workplace.

Not withstanding the above, a Code of Practice may be used as evidence of a breach of the Act, or as a defence that all reasonably practicable steps were taken to prevent an injury or illness.

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  - assessing whether there have been changes to the relevant Laws following the currency date of the template utilised in the Plant App and to factor this in to any assessment included in this Report;
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