



Plant Risk Assessment Template

27 Oct 2021 / Ryan McAra

Complete

Score	81.25%	Failed items	0	Actions	0
Site	MAN MANUKAU PUHINUI RD, Northern, Auckland Specialist Hub				
Site name					
Conducted on	27 Oct 2021 12:14 NZDT				
Prepared by	Ryan McAra				
Location	301 Puhinui Road, Papatoetoe, Auckland 2025, New Zealand (-36.9916006, 174.8455527)				

Plant Information

100%

Plant Item

Sakai SV512D Smooth Drum 11t Roller

Plant Identification Details (Model/ Make/ Serial)

Sakai
SV512D

Plant Owner Name

Hirepool Ltd

Plant task description

Compaction

Is the plant designed to perform the task?

Yes

Is the plant in good working condition and free of weeds and mud?

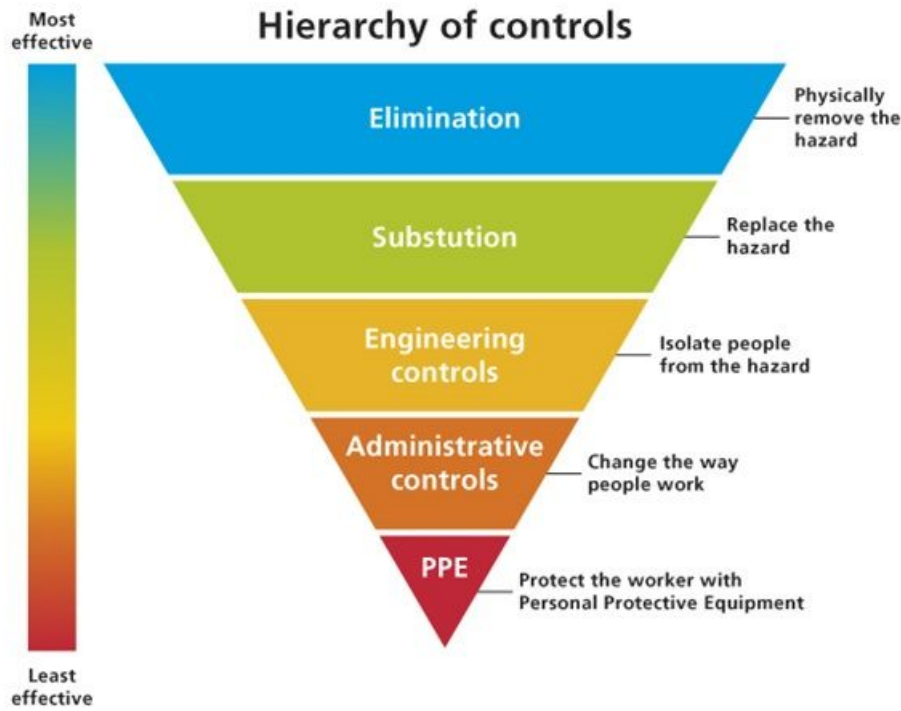
Yes

References

Risk Matrix Reference

Risk Matrix

Likelihood		Very Likely	Likely	Unlikely	Highly Unlikely
Consequences	Fatality	High	High	High	Medium
	Major Injuries	High	High	Medium	Medium
	Minor Injuries	High	Medium	Medium	Low
	Negligible Injuries	Medium	Medium	Low	Low



Explosion/Fire

100%

Can anyone be injured by an explosion of gas, vapours, liquids, dusts or other substances, triggered by plant operation?

No

Suffocation

100%

Can anyone be suffocated due to lack of oxygen or atmospheric contamination?

No

Pressurized Content

100%

Can anyone be injured by fluids or gases under high pressure due to plant failure or misuse?

No

Electricity Contact

100%

Can anyone be injured by electrical shock or burnt due to damaged or poorly maintained leads, switches or equipment?

No

Cutting

100%

Can anyone be cut, stabbed or punctured by coming in contact with moving plant or parts?

No

Crushing

0%

Can anyone be crushed due to falling, uncontrolled or unexpected movement of plant or its load?

Yes

Hazard

Activity

Operation or Maintenance

Description of hazards identified

Impact or crushing through use of machine or maintenance around the centre joint

Photo of hazard (optional)

Persons at risk

Persons performing maintenance or pre start checks
By standers

Initial risk rating

Initial consequence

Major Injuries

Initial likelihood

Unlikely

Initial risk rating

Medium

Controls

Select control measures

Engineering Controls

Administrative Controls

Enter description of control measures

Use the pivot stop bar during pre start or maintenance

If multiple people are required, maintain a 2m minimum distance and eye contact with the operator at all times

Residual risk rating

Residual consequence

Major Injuries

Residual likelihood

Unlikely

Residual risk rating

Medium

Entanglement

100%

Can anyone's hair, clothing, gloves, necktie, jewellery, rags and other materials become entangled with moving parts of plant, or materials in motion?

No

Slips, Trips, Falls

0%

Can anyone slip, trip, or fall due to:

- uneven, slippery, or steep surfaces,
- obstacles or poor housekeeping
- ladders, stairs, platforms, or lack of guardrails

Yes

Hazard

Activity

Mounting or dismounting the machine

Description of hazards identified

Fall or slip from the machine

Photo of hazard (optional)

Persons at risk

Operator

Initial risk rating

Initial consequence

Minor Injuries

Initial likelihood

Unlikely

Initial risk rating

Low

Residual risk rating

Residual consequence

Minor Injuries

Residual likelihood

Unlikely

Residual risk rating

Low

Controls

Select control measures

Engineering Controls

Administrative Controls

Enter description of control measures

Handrails and stairs

Maintain 3 points of contact

Ergonomics

100%

Can anyone be injured due to poorly designed work area, repetitive body movement, poor light placing, or other ergonomic issues?

No

Radiation

100%

Can anyone in the plant's vicinity suffer injury or illness due to exposure to radiation in the form of infra-red, ultra violet light, or microwaves?

No

Noise

0%

Can anyone in the plant's vicinity suffer injury or illness due to exposure to noise?

Yes

Hazard

Activity

Operation of machine

Description of hazards identified

Noise

Photo of hazard (optional)

Persons at risk

Operator and bystanders

Initial risk rating

Initial consequence

Minor Injuries

Initial likelihood

Likely

Initial risk rating

Medium

Residual risk rating

Residual consequence

Minor Injuries

Residual likelihood

Likely

Residual risk rating

Medium

Controls

Select control measures

Administrative Controls

PPE

Enter description of control measures

Use of PPE to protect ears and hearing

Maintain appropriate distance from machine while operating

Vibration

100%

Can anyone in the plant's vicinity suffer injury or ill-health due to exposure to vibration?

No

Temperature/Moisture

100%

Can anyone be injured or suffer ill-health due to exposure to:

- high or low temperatures
- objects of high or low temperatures
- moisture

No

Other Risks

100%

Other risks that can cause injury or ill-health?

No

Completion

Recommendations

Refer the operators manual and seek appropriate training before using or maintaining this machine

Name and Signature

Ryan McAra

27 Oct 2021 13:22 NZDT