

STATIC PLANT HAZARD & RISK ASSESSMENT

Phone: 0404 462 239 reports@vipersafety.com.au



RISK CONTROL SAFETY

Client's Name: S&S HIRE		RA No: 132980221
Machine Make & Model: DYNAPAC CC1250		Date of assessment: 23 FEBRUARY 2021
Serial No: E010341		Equipment Type: TWIN SMOOTH DRUM ROLLER
Asset/Rego No: N/A		Engine Hours/ Km's: 3.1
Quick Hitch (if Fitted): N/A		DRUM SPRAYERS FITTED
Capacity Limits: N/A	FRONT & REAR SPRAYERS FITTED	
Certification of operator required: Yes= ROLLER		

Is the plant designed to perform the task as outlined in the scope?

Yes No

Has the plant been modified from the original condition?

Yes No

All identified action items closed out/addressed?

Yes No

Is the plant safe to operate?

Yes No

STEP 1: Likelihood of Occurrence	STEP 2: Severity of Result
1. Expected To Occur (once per week)	A Fatality
2. Common (once per month)	B Permanent Disability
3. Sometimes (once per year)	C Lost Time Injury (LTI)
4. Rarely (once in < 20 years)	D Medical Treatment / Damage
5. Highly Unlikely (once in > 20 years)	E First Aid Injury

STEP 3:	A	B	C	D	E
1	H	H	H	M	M
2	H	H	M	M	L
3	H	M	M	L	L
4	M	M	L	L	L
5	M	L	L	L	L

STEP 4: Hazard Risk Assessment
H = High Risk (INTOLERABLE, significant and urgent actions required- Immediate Action)
M = Medium Risk (ALARP, reduce risk to As Low As Reasonably Practicable)
L = Low Risk (TOLERABLE, monitor and manage risk)

Brent Woll



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Report Acceptance



General Notes

The Owner/Operator of the above Plant/Equipment should perform an inspection at regular intervals, that all procedures and control methods are maintained to an acceptable level where the level of risk to any person is increased. In particular when any alteration or modification is made to the Plant/Equipment, a review of both Control Methods and Documentation should be made.

A Plant Risk Assessment should be performed at regular intervals with a minimum of once per year.

Confidentiality

Information obtained from the owner/ operator in the course of producing this report will be treated as confidential. It will not be used for any purpose other than for the production of this report.

Disclaimer

This report has been prepared by Viper Safety and Training P/L for the purpose of determining compliance to the National OH&S regulations of 2017.

The contents of this report are intended only for use by the owner/operator. Whilst every effort has been made by Viper Safety and Training P/L to ensure the accuracy of this report Viper Safety and Training P/L will not be held responsible and extends no warranties as to the suitability of such information or for the consequence of its use. Likewise, Viper Safety and Training P/L will not be held responsible for actions taken by third parties as a result of information contained in this report. This report is not to be modified in any way unless done so by Viper Safety & Training Pty Ltd.

Viper Safety & Training Pty Ltd will not be held accountable for any damage caused by operator error and/or mechanical/structural failures.

It is the duty of the operator to read and understand the operators manual.

Brent Woil
Assessor/Trainer

ALL HAZARDS IDENTIFIED IN THIS DOCUMENT MUST BE RECTIFIED WITHIN 21 DAYS OF DATE LISTED ON THE FRONT OF THIS FORM

IF FAULTS NOT RECTIFIED IN 21 DAYS THIS DOCUMENT BECOMES NULL AND VOID

THIS RISK ASSESSMENT DOCUMENT IS VALID FOR TWELVE (12) MONTHS FROM THE DATE OF ISSUE

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Hazard Type	Control Methods in Place	Yes / No	NA	Comments / Recommended Improvements	Projected Risk Score	
ENTANGLEMENT Can anyone's, hair, clothing, gloves, necktie, jewellery, cleaning brushes, rags or other materials become entangled with moving parts of the plant, or materials in motion?	Manufacturers Warning Decals	Y		All decals in operators cab	M	
	Readable	Y				
	Guards installed	Y				
	Warning Decals for Personal (i.e loose clothing etc)	Y				
	Engine covers fitted	Y				
CRUSHING Can a person be crushed due to: ♦ Uncontrolled or unexpected movement of the plant or its load?	Neutral start switch fitted	Y		X1	M	
	Reversing/travel alarm	Y				
	Crush zone warning decal	Y				
	Amber Flashing Beacon	Y				
	Pedals-Non slip surface	Y				
	Controls have appropriate knobs	Y				
	Reversing camera		N/A			
	Rear view mirror	Y				
	Control pod safety switch		N/A			
	operational					
	Rear Swing Warning Decal or Swing Lights fitted		N/A			
	Machine may suddenly reverse warning decal fitted	Y				
♦ Lack of capacity for the plant to be slowed, stopped or immobilised?	Service brake operational		n/a	X1	M	
	Parking brake operational	Y				
	Battery Isolator fitted	Y				
	Starter isolator fitted		N/A			
	Emergency stops (if fitted)	Y				
	Rops decal fitted to rops	Y				
	Rops approved structure	Y				
	Fops approved structure		N/A			
	Tops/Cops approved structure		N/A			
	Manufacturers designed cab		N/A			
Emergency Exit Identified		N/A				
♦ The plant tipping or rolling over?					M	

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<p>◆ Being thrown off or under the plant? WARNING: The seatbelt on this machine may be out of date. Please check operator's manual for correct guidance and replace seatbelt if necessary. (3 year limit on most machines)</p>	Emergency Exit vandal cover removed prior to operating. Warning Decal Fitted		N/A		
	Seat belt fitted	Y			
	Door fitted		N/A		
	Seat belt must be worn, warning decal fitted	Y			
<p>CUT/STAB/PUNCTURE Can anyone be cut, stabbed or punctured due to: ◆ Coming into contact with sharp or flying objects?</p>	Operator Cabin fully enclosed		N/A		
	Operator Area open	Y			
<p>◆ Coming into contact with moving parts of the plant during testing, inspection, operation, maintenance, cleaning or repair of the plant? ◆ The plant, parts of the plant or work pieces disintegrating? ◆ Work pieces being ejected? ◆ The mobility of the plant? ◆ Uncontrolled or unexpected movement of the plant?</p>	Guarding No visible signs of sharp objects	Y			L
	<ul style="list-style-type: none"> Safe work procedures in place Trained persons only Tag out procedures in place 	N		To be implemented by owner/hirer	L
	As above	N		To be implemented by owner/hirer	L
	As above	N		To be implemented by owner/hirer	L
<p>SHEARING Can anyone's body parts be sheared between any two parts of the plant, or between a part of the plant and a work piece or structure?</p>	<ul style="list-style-type: none"> Safe work procedures in place Traffic management in place Supervision in place 	N		To be implemented by owner/hirer	L
	As above	N		To be implemented by owner/hirer	L
	As above	N		To be implemented by owner/hirer	L
<p>FRICITION Can anyone be burnt due to contact with moving parts or surfaces of the plant, or material handled by the plant?</p>	As above	N		To be implemented by owner/hirer	L
	As above	N		To be implemented by owner/hirer	L
<p>STRIKING Can anyone be struck by moving objects due to: ◆ Uncontrolled or unexpected movement of the plant?</p>	<ul style="list-style-type: none"> Safe work procedures in place Traffic management in place Supervision in place 	N		To be implemented by owner/hirer	M
	As above	N		To be implemented by owner/hirer	M

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<ul style="list-style-type: none"> ◆ The plant, parts of the plant or work pieces disintegrating? ◆ Work pieces being ejected? 	As above Guarding Keep clear warning decals Keeper pins correct type	N		To be implemented by owner/hirer	L
		Y			M
<ul style="list-style-type: none"> ◆ Mobility of the plant? 	Glass safe operational condition Reversing / travel alarm Amber flashing beacon Reversing decal fitted Brake lights Warning horn Indicators/Hazard Lights Head/Tail Lights Front and/or Rear work lights Leakage All pipe clamps fitted High pressure warning decals No return valve fitted (Craning/lifting valves fitted)		N/A	Addressed by JSA. (no go zone)	M
		Y			
		Y			
		Y			
		Y			
		Y			
		Y			
		Y			
		Y			
		Y			
ELECTRICAL Can anyone be injured by electrical shock or burn due to: <ul style="list-style-type: none"> ◆ The plant contacting live electrical conductors? ◆ Damaged or poorly maintained electrical leads and cables? ◆ Damaged electrical switches? ◆ Lack of isolation procedures? 	Electrical wire / overhead wires / obstructions decals fitted Electrical cables and/or leads to be maintained to OEM specifications Electrical switches to be maintained to OEM specifications Battery isolator fitted	Y		Addressed by JSA. (no go zone)	L
		Y			L
		Y			L
		Y			L
EXPLOSION Can anyone be injured by explosion of gasses, vapours, liquids, dusts or other substances, triggered by the operation of the plant or by material handled by the plant?			n/a		L
		Y			L

Hazard Type	Control Methods in Place	Yes / No	NA	Comments / Recommended Improvements	Projected Risk Score	
SLIP/TRIP/FALL Can anyone using the plant, or in the vicinity of the plant, slip, trip or fall due to: <ul style="list-style-type: none"> ◆ Uneven or slippery work surfaces? ◆ Poor housekeeping, eg: Debris in the vicinity of the plant, spillage not cleaned up? ◆ 3 points of contact warning decal fitted ◆ Lack of a proper work platform? ◆ Lack of proper stairs or ladders? ◆ Lack of guardrails or suitable edge protection? ◆ Poor floor or walking surfaces, such as the lack of a slip resistant surface? ◆ Steep walking surfaces? 	Non slip surface	Y	N/A		L	
	Decal fitted	Y			L	
	Proper work platform	Y			L	
	Proper stairs or ladders	Y			L	
	Guardrails or suitable edge protection			N/A		L
	Non slip surface	Y				L
			Y			
ERGONOMIC Can anyone be injured due to: <ul style="list-style-type: none"> ◆ Poorly designed seating? ◆ Constrained body effort ◆ Operators controls 	Seat in safe usable condition	Y			L	
	Operational control levers & pedals in operator reach	Y			L	
	Seat adjustment controls operational	Y				
	Operators controls identified	Y			L	
	All labels are readable	Y				
SUFFOCATION Can anyone be suffocated due to lack of oxygen or atmospheric contamination, refer to the Confined Spaces Regulations?	Engine fumes not excessive at high idle	Y			L	
	Door/window seals maintained		N/A			
TEMPERATURE / FIRE Can anyone come into contact with objects at high temperature?	High mounted exhaust not easily accessible		N/A			
	Hot surface warning decal	Y			L	
	Fire protection supplied	Y				
	Fire suppression system (if fitted)		n/a			
THERMAL COMFORT Can anyone suffer ill health due to extreme temperature or change of weather?	Ventilation	Y			L	
	Air conditioning		N/A			
NOISE Can anyone suffer ill health due to extreme temperature or change of weather?	High noise levels	Y				

TAGGED FEB 2021



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Can anyone suffer ill health or hearing loss due to exposure to high noise levels?	Hearing protection supplied	N		To be implemented by owner/hirer	L
	Hearing protection warning decal	Y			
DOCUMENTATION	CAB TYPE:			OPEN To be implemented by owner/hirer Must Be In Cab At All Times To be implemented by owner/hirer Must Be In Cab At All Times To be implemented by owner/hirer Must Be In Cab At All Times To be implemented by owner/hirer Must Be In Cab At All Times	L
	Operator's Manual	N			
	Attachment instructions	N			
	Plant daily checklist in place	N			
	Maintenance records up to date	N			



