

RISK ASSESSMENT ASSET INFORMATION

Client/Customer Name: S&S EQUIPMENT HIRE PTY LTD		Report Number: 34500024	Date Of Assessment: 28 JUNE 2024	Asset/Rego Number: 1ZU-4ZZ
Is the plant designed to perform the task as outlined in the scope?		Equipment Type: ARTICULATED TWIN SMOOTH DRUM ROLLER		
<div>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></div>		Manufacturer Make/Model: DYNAPAC CC900		
Has the plant been modified from the original condition?		Serial Number: A038866		
<div><input type="checkbox"/> <input checked="" type="checkbox"/></div>		Engine hours: 1.0		
All identified action items closed out/addressed?		Accessories: FRONT & REAR SPRAYERS		
<div><input type="checkbox"/> <input checked="" type="checkbox"/></div>				
Does the plant have limited use registration?	<div>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></div>			
Does the operator require a licence or competency?	<div>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></div> ROLLER			
Items to be addressed: NON-POTABLE DECALS TO BE FITTED @ TANK				

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 in 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 while producing this report will be treated as confidential. It will not be used for any purpose other than to produce this report.

Disclaimer

This report has been prepared by Viper Safety and Training Pty Ltd 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 Pty Ltd will not be held responsible and extends no warranties as to the suitability of such information or for the consequence of its use, to the maximum extent permitted by law.

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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 and any other relevant operation documentation i.e. SWMS, JSEA, MSDS etc.

It is the responsibility of the owner/hirer to ensure this plant is maintained and compliance tested in accordance with all relevant Australian Standards and/or manufacturers specifications.

Brent Woll

Cert IV Training & Assessment

Cert No: 14042902

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

RISK RATING – RISK MATRIX AND DEFINITIONS

		Consequence				
		Insigificant	Minor	Moderate	Major	Severe
Likelihood	Almost certain	Medium	High	High	Extreme	Extreme
	Likely	Medium	Medium	High	Extreme	Extreme
	Possible	Low	Medium	Medium	High	Extreme
	Unlikely	Low	Low	Medium	High	High
	Rare	Low	Low	Low	Medium	High

Likelihood		Consequence	
Almost certain – will occur in most circumstances when the activity is undertaken (greater than 90% chance of occurring)		Insigificant –First aid treatment, minor injury, no time off work	
Likely - will probably occur in most circumstances when the activity is undertaken (51 to 90% chance of occurring)		Minor – Single occurrence of medical treatment, minor injury, no time off work	
Possible – might occur when the activity is undertaken (21 to 50% chance of occurring)		Moderate – Multiple medical treatments, non-permanent injury, less than 10 days off work	
Unlikely – could happen at some time when the activity is undertaken (1 to 20% chance of occurring)		Major – Extensive injuries requiring medical treatment (e.g. surgery), serious or permanent injury/illness, greater than 10 days off work	
Rare – may happen only in exceptional circumstances when the activity is undertaken (less than 1% chance of occurring)		Severe – Severe injury/illness requiring life support, actual or potential fatality, greater than 250 days off work	

Risk Rating Priority for Action		
	Risk acceptance guide	Recommended action time frame
Extreme	Not acceptable	Cease or isolate source of risk Implement further risk controls Monitor, review and document controls
High	Generally (in most circumstances) not acceptable	Implement risk controls if reasonably practicable Monitor, review and document controls
Medium	Generally (in most circumstances) acceptable	Implement risk controls if reasonably practicable Monitor, review and document controls
Low	Acceptable	Monitor and review

IDENTIFIED HAZARDS AND ASSOCIATED RISK SCORES AND CONTROLS

CATEGORY	CONTROL METHODS IN PLACE	YES/NO N/A	COMMENTS & RECOMMENDATIONS FOR IMPROVEMENT	RESIDUAL RISK SCORE
ENTANGLEMENT: Can the following items become ENTANGLED with moving parts of the plant, or materials in motion:				
<ul style="list-style-type: none"> Hair Jewellery Rags Gloves Clothing Cleaning brushes Necktie Other 	Guards installed to engine fans, belts & pulleys Engine covers fitted Warning decals fitted for personal (eg. loose clothing etc) fitted in close proximity Manufactures warning decals fitted Rotating parts decals fitted in close proximity Rotating blades decal fitted in close proximity	YES YES YES YES YES YES YES		M
CRUSHING: Can anyone be CRUSHED due to:				
<ul style="list-style-type: none"> Falling, uncontrolled or unexpected movement of plant or load Lack of capacity to slow, stop or immobilise the plant Under or trapped between plant and materials or fixed structure Contact with moving parts during testing, inspection, maintenance, cleaning or repair Being thrown off Parts of plant collapsing Tipping or rolling over Material falling off the plant Other 	Reversing/travel alarm fitted and operational Reversing camera fitted and operational Rear view mirror fitted in good condition Machine may suddenly reverse warning decal fitted Rear swing warning decal fitted Crush zone warning decal fitted at articulation Steering articulation prop fitted Steering articulation prop decal fitted All controls have appropriate knobs Pedals have non-slip surface in tact Service brake operational Parking brake operational Parking brake alarm fitted Parking brake decal fitted Battery isolator fitted & operational Battery isolator decal fitted Lockable starter isolator fitted & operational Starter isolator decal fitted Lock out tag out swms provided Emergency stop fitted & operational Emergency stop decal fitted	YES N/A YES YES YES YES YES YES YES N/A YES N/A YES YES YES N/A NO YES YES	TO BE IMPLEMENTED BY OWNER/HIRER X1	M

CATEGORY	CONTROL METHODS IN PLACE	YES/NO N/A	COMMENTS & RECOMMENDATIONS FOR IMPROVEMENT	RESIDUAL RISK SCORE
Continued...	ROPS approved structure fitted Cabin identification number present ROPS decal fitted to ROPS FOPS approved structure fitted TOPS approved structure fitted Operator protection guard fitted Manufacturers designed cabin Emergency Exit identified Seat belt fitted Seat belt operational & in good condition Seat belt must be worn warning decal fitted	YES YES YES YES N/A N/A N/A N/A N/A YES YES YES		
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)				
CUT, STAB OR PUNCTURE: Can anyone be CUT, STABBED or PUNCTURED by coming in contact with: <ul style="list-style-type: none"> • Moving plant or parts • Sharp or flying objects • Work pieces ejected • Work pieces disintegrated • Other 	Guarding fitted – no visible signs of sharp objects Safe work method statements implemented Training of personal Isolation, de-energise lockout and tagout procedures implemented	YES NO NO NO NO	TO BE IMPLEMENTED BY OWNER/HIRER TO BE IMPLEMENTED BY OWNER/HIRER TO BE IMPLEMENTED BY AUTHORIZED PERSONS	L
SHEARING: Can anyone's body parts be cut off between: <ul style="list-style-type: none"> • Any two parts of the plant • A part of the plant and a work piece or structure • Other 	Safe work method statements implemented Training of personal Isolation, de-energise lockout and tagout procedures implemented Steering articulation prop fitted Steering articulation prop decal fitted	NO NO NO YES YES	TO BE IMPLEMENTED BY OWNER/HIRER TO BE IMPLEMENTED BY OWNER/HIRER TO BE IMPLEMENTED BY AUTHORIZED PERSONS	L

CATEGORY	CONTROL METHODS IN PLACE	YES/NO N/A	COMMENTS & RECOMMENDATIONS FOR IMPROVEMENT	RESIDUAL RISK SCORE
FRICTION - Can anyone be burnt due to: <ul style="list-style-type: none"> Contact with moving parts or surfaces of the plant Material handled by the plant Other 	Safe work method statements implemented Training of personal Isolation, de-energise lockout and tagout procedures implemented	NO NO NO	TO BE IMPLEMENTED BY OWNER/HIRER TO BE IMPLEMENTED BY OWNER/HIRER TO BE IMPLEMENTED BY AUTHORISED PERSONS	L
ELECTRICAL: Can anyone be injured by ELECTRICAL shock or burnt due to: <ul style="list-style-type: none"> Damaged/poorly maintained leads Damaged/poorly maintained switches The plant working near or contacting live electrical conductors or powerlines Water near electrical equipment Lack of isolation procedures Other 	Electrical wire/ overhead wires/ obstructions decal fitted Electrical cables maintained to oem specifications Electrical switches maintained to oem specifications Battery isolator fitted & operational Battery isolator decal fitted	YES YES YES YES YES		L
EXPLOSION: Can anyone be injured by an EXPLOSION of the following items triggered by plant operation <ul style="list-style-type: none"> Gas Vapours Dust Liquids Battery Other 	High pressure hydraulic system decal fitted Battery risk of exposure decal fitted Hot coolant warning decal fitted Pressure relief style radiator cap fitted	YES YES YES N/A		L
SUFFOCATION: Can anyone be SUFFOCATED due to: <ul style="list-style-type: none"> Lack of oxygen Atmospheric contamination Use of plant in confined space (indoors) Other 	Engine fumes not excessive at high idle Door and window seals maintained Catalytic converter fitted to exhaust	YES N/A N/A		L

CATEGORY	CONTROL METHODS IN PLACE	YES/NO N/A	COMMENTS & RECOMMENDATIONS FOR IMPROVEMENT	RESIDUAL RISK SCORE
ENVIRONMENTAL CONDITIONS – Can anyone suffer ill health due to:				
<ul style="list-style-type: none"> Exposure to high temperatures Exposure to low temperatures Rain Sun Flora Fauna Other 	Air-conditioned cabin Heated cabin Adequate ventilation Glass in good operating condition Window tinting fitted Window wiper fitter & operational	N/A N/A YES N/A N/A N/A		L
HIGH TEMPERATURE or FIRE – Can anyone:				
<ul style="list-style-type: none"> Come into contact with objects at high temperature Be injured by fire Other Fire extinguishers to be maintained and tested to AS 1851-2012	High mounted exhaust not easily accessible Hot hazardous exhaust decal fitted Hot surface warning decal fitted Fire extinguisher supplied Fire extinguisher decal fitted in close proximity	YES YES YES YES YES	TAGGED JUNE 2024	L
HIGH PRESSURE FLUIDS:				
Can anyone come into contact with <u>FLUIDS</u> or <u>GASES</u> under HIGH PRESSURE due to:				
<ul style="list-style-type: none"> Failure of the plant? Misuse of the plant? Other 	High pressure warning decals fitted High pressure coolant decal fitted Radiator cap fitted (pressure relief type) All pipe clamps are fitted No visible leaks/weepage on hydraulic system No visible leaks/weepage on engine/drive line	YES YES N/A YES YES YES		L

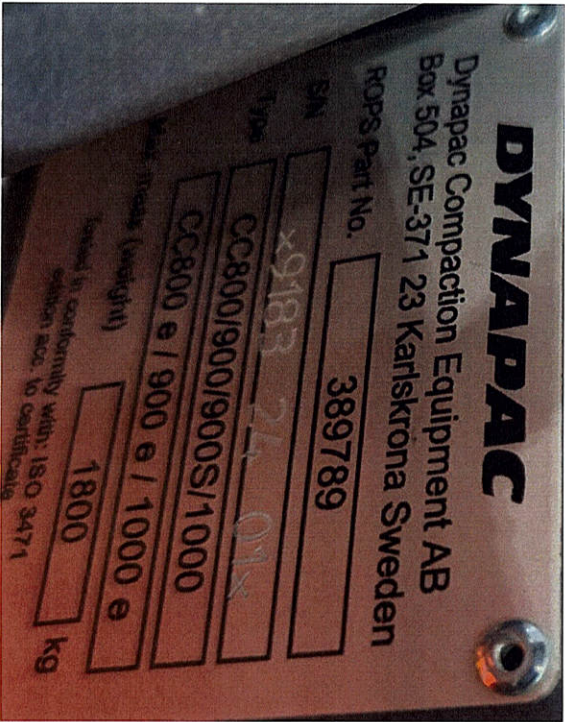
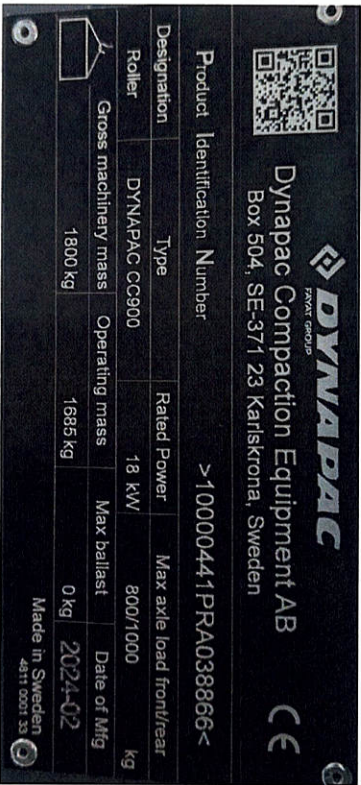
CATEGORY	CONTROL METHODS IN PLACE	YES/NO N/A	COMMENTS & RECOMMENDATIONS FOR IMPROVEMENT	RESIDUAL RISK SCORE
ERGONOMICS (incl manual handling) – Can anyone be injured due to: <ul style="list-style-type: none"> Lack of consideration for human behaviour causing mental or physical stress Repetitive body movement or posture Seating design Poor workplace or plant design Excessive effort Poor lighting Controls layout and design Other 	Seat in good usable condition Seat adjustment controls operational Operation control levers & pedals in operators reach Operator controls clearly identified	YES YES YES YES		L
OTHER HAZARDS: Can anyone be injured or suffer ill health from exposure to OTHER HAZARDS: <ul style="list-style-type: none"> Chemicals Vibration Lighting Engineered nanoparticles Toxic gases or vapours Noise Fumes Biologicals Dusts Airborne crystalline silica Other MSDS to be provided for all relevant chemicals & fuels	Noise test completed within Worksafe regulations Hearing protection warning decal fitted in close proximity Hearing protection supplied Mobile phone must not be used whilst operating machine warning decal fitted Fatigue management systems to be implemented in accordance with OH&S regulations/ guidelines Airborne Silica exposure limits implemented through SWMS Non-potable water decal fitted @ tank	NO YES NO YES NO NO NO	TO BE IMPLEMENTED BY OWNER/HIRER TO BE IMPLEMENTED BY OWNER/HIRER TO BE IMPLEMENTED BY OWNER/HIRER AUSTRALIAN EXPOSURE LIMITS: 0.1mg/m3 over 8 HOURS per day TO BE FITTED	L

DOCUMENTATION	
The following documentation shall be made available upon request:	
Operator's Manual	
Attachment instructions	
Plant daily checklist	
Plant maintenance records	
Appropriate SWMS/JSAs	
Relevant MSDS	

PERSONAL PROTECTIVE EQUIPMENT (PPE)												
FOOT PROTECTION	HAND PROTECTION	HEAD PROTECTION	HEARING PROTECTION	EYE PROTECTION	RESPIRATORY PROTECTION	FACE PROTECTION	HIGH-VIS CLOTHING	PROTECTIVE CLOTHING	FALL PROTECTION	SUN PROTECTION	HAIR/JEWELLERY SECURED	
												
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

NOTE: Personal Protective Equipment (PPE) to be worn as per Australian Standards and manufacturers specifications.
REFER TO SWMS/USAs FOR BEST PRACTICES

SUPPORTING IMAGES:



All employees/ operators to sign below to acknowledge they have read and understood this document.

[illegible]

For use in conjunction with the WHS Act, WHS Regulations, and the Codes of Practice.

For further information, contact us by Email: reports@vipersafety.com.au or Phone: 0404 462 239

National OH&S Regulations:2017