

Assessment Number: TP3		Assessment Date: 7/2/24
Plant Type:Trash PumpPlant Make:CrommelinsPlant Model:TP300RP		Assessment Facilitated by: Leigh Evans (Admin/Accounts Manager)
Asset/Fleet/Rego No: PUMP3IN Plant Serial No.		Assessment Participants: Chris Feldbauer (Director)
Plant Owner Name: Northern Hire Group		Follow up Assessment (See below for Revision No.)
• plant operat • anyone wor	tors king, or in the v	list, consider the hazards that may affect: <i>r</i> icinity of, the plant ed, such as visitors, pedestrians, contractors, etc.
Is the plant designed to perform the task? Ye	es No	
Has the plant been modified from the original condition? \qquad \qquad \qquad	es No	
Is the plant in good working condition and free of weeds & Ye mud?	es No	
All identified action items closed out/addressed (plant Ye checks)?	es No	
Is the plant safe to operate? (On completion of PHA and Ye action closure)	es No	Date: 7/2/24 Signature:



This document has been developed as a guide to identify hazards on plant only.

This Risk Assessment has been conducted to the guidelines as detailed in the Worksafe booklet "Plant Hazard Checklist"

Workplace hazards have not been identified.

Job safety analysis (J.S.A) - Safe Work Method Statement (SWMS) is required to identify workplace hazards.

Operators must take into account Job Safety Analysis when operating mobile plant.

This assessment is conducted under a static condition as per Occupational Health & Safety Regulations Victoria 2017. A site specific assessment should be conducted at each change of location. Refer to Plant Regulations/National Standards for Plant (NOHSC).

Action and Approval Scheme

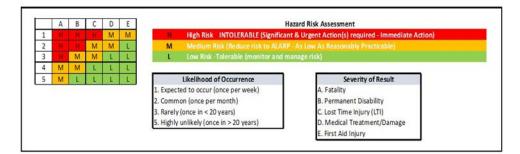
These suggested timings and tolerance levels in the Action Table will be overridden by specific policies of the company that either dictate shorter timeframes for corrective action or zero tolerance. For example, the company has a zero tolerance policy for Safety and Environmental risks.

The decision to tolerate a risk or capture a opportunity should be based on a consideration of:

Whether the risk / opportunity is being controlled to a level that is reasonably achievable;

Whether it would be cost-effective to further control risk or capture the opportunity;

Whether the user wishes to tolerate risks / opportunities of that type



Disclaimer:

This Plant Hazard & Risk Assessment does not eliminate the Owner/Operator responsibility to maintain the Mobile Plant as per OH & S Regulations Victoria 2017/National Standards for Plant (NOHSC).

This assessment provides information that is based on an inspection that was made on the date noted on the assessment cover sheet. If any addition, alteration or modification has been made to this mobile item plant subsequent to that date, it may not confirm to a satisfactory level of acceptance.

All hazards identified in this document must be rectified within 21 days of date listed on this form.

If faults are not rectified in 21 days, this document becomes null and void.

I acknowledge receipt of the complete Assessment for the Plant item detailed on the cover sheet.

Supervisor/Operator Name:

Supervisor/Operator Signature:

Date: /

Further information

Contact the WorkSafe Victoria Advisory Service on 1800 136 089 or go to worksafe.vic.gov.au to download: • Occupational Health and Safety Act 2004

- Occupational Health and Safety Regulations 2017
- Plant Compliance Code
- Hazardous Manual Handling Compliance Code
- Noise Compliance Code
- Hazardous Substances Compliance Code
- Code of Practice for Storage & Handling of Dangerous Goods

Revision No:



Potential Hazards	ŀ	lazar	-	Describe Hazard	Controls	Current Risk Level	New or Additional Controls Required	Final Risk	New or Additional Controls Action	Action Verified as Complete:
	Y	Ν	N/ A				on Plant	Level	By: (Name and Date)	(Name and Date)
1. Are there any specific warnings or conditions (manufacturers or other) relating to potential hazards from the operation of the item of plant?	Y			Equipment failure due to overload and/or incorrect placement/installation	Refer to Safety Precautions, Operating instructions and load specifications.	Н				
 Refer to technical or operating manuals, SOPs, safe use instructions List any relevant safety warning hazards & controls 					A site specific risk assessment should be conducted to determine safe placement					
2. Are there any <u>COMMUNICATION</u> requirements in relation to the safe operation of the plant?		Ν								
 Active signalling processes. Point to point communications. Whistle Spotter (with/without whistles) Flag signalling Labels and signage 										
 3. Can anyone be <u>ENTANGLED</u> in the plant? Hair or other body parts caught in moving parts PPE caught in moving parts Isolation devices Warning decals Guarding Rotating parts Emergency stops 	Y			Injury due to contact wth moving parts	Ensure all guards and safety decals are in place. Keep body parts, hair, clothing etc. away from moving parts					

Revision No:



Potential Hazards	I	Hazar		Describe Hazard	Controls	Current Risk Level	New or Additional Controls Required	Final Risk Level	New or Additional Controls Action By:	Action Verified as Complete: (Name and
	Υ	Ν	N/ A				on Plant	Level	(Name and Date)	Date)
 4. Can anyone be CRUSHED or TRAPPED? (e.g. through unexpected movement, lack of capability for plant or equipment to be slowed, stopped or immobilised, plant tipping or rolling, being thrown from plant) Emergency stop (E Stop) Service or parking brake Battery isolator ROPs/FOPs Being crushed between moving parts Unexpected movement Neutral Start Reversing/travel alarm Warning horn Amber flashing beacon Rear swing warning lights Pedals non slip surface Appropriate controls Rear view mirror Seat belt Door inter locks Crush zone decals Guarding devices Mandatory secondary protection device installed on all boomtype MEWP 		N								



Potential Hazards	ŀ	Hazard		Describe Hazard	Controls	Current Risk Level	New or Additional Controls Required	Final Risk	New or Additional Controls Action	Action Verified as Complete:
	Y	Ν	N/ A				on Plant	Level	By: (Name and Date)	(Name and Date)
5. Can anyone be CUT, STABBED or PUNCTURED?		N								
Flying objectsMoving partsPinch points										
 Sharp edges Isolation devices Warning decals Guarding 										
 6. Can SHEARING occur? Between two moving and rotating parts Between fixed and moving parts Warning decals Guarding 	Y			Injury caused by entrapment between moving parts	Refer to Safety Precautions and load specifications.	М				
7. Can ABRASION, TEARING or STRETCHING occur?		Ν								
 Continuous contact with moving parts Warning decals Guarding Pulling/pushing 										



Potential Hazards	ł	Hazaı		Describe Hazard	Controls	Current Risk Level	New or Additional Controls Required	Final Risk	New or Additional Controls Action	Action Verified as Complete:
	Υ	Ν	N/ A				on Plant	Level	By: (Name and Date)	(Name and Date)
8. Can anyone be STRUCK whilst operating the plant?	Y			Injury to person or damage to property due to incorrect usage	Follow all installation and load instructions.	Н				
 Plant disintegrating Mobility of plant travelling Reversing/travel alarm Amber flashing beacon Work pieces thrown out Moving parts 					Exclusion zones and PPE (goggles, mask, protective clothing) will be required					
 Warning decals Guarding 					A site specific a risk assessment must be undertaken to determine PPE and controls.					
9. Can a hazardous PRESSURE be produced?		Ν								
 Hydraulic hoses Radiator Come into contact with fluids under high pressure 										
10. Can an ELECTRICAL hazard be created?		Ν								
 Lack of insulation Contact with electrical conductors Poor earthing Water near equipment Lack of isolation Warning decals 										



Potential Hazards	ł	Hazar	-	Describe Hazard	Controls	Current Risk Level	New or Additional Controls Required	Final Risk	New or Additional Controls Action	Action Verified as Complete:
	Y	Ν	N/ A				on Plant	Level	By: (Name and Date)	(Name and Date)
 11. Can an EXPLOSION or LOSS OF CONTENTS occur? Gas emission, Dusts Vapours, lubricants Fuel tank Storage of haz chemicals/ DG's near plant Warning decals Ejection of workpiece Collapse or fragmentation 		N								
 12. Can anyone using or near the plant SLIP, TRIP or FALL? Uneven surface Fall from a height Weather conditions Slippery surfaces 	Y			Potential hazard (site specific)	A site specific risk assessment must be undertaken by client prior to operating.	L				
 13. Are there ERGONOMIC MANUAL HANDLING hazards associated with the plant? Poor posture Repetitive or sustained movements Awkward positions Strained movements Poorly designed seating Access and egress Access for maintenance Routine inspections and adjustments 		Ν								



Potential Hazards	I	Hazar		Describe Hazard	Controls	Current Risk Level	New or Additional Controls Required	Final Risk	New or Additional Controls Action	Action Verified as Complete:
	Y	Ν	N/ A		Controls		on Plant	Level	By: (Name and Date)	(Name and Date)
14. Are there ERGONOMIC - OPERATING CONTROL hazards associated with the plant?		Ν								
 Difficult to understand Inappropriate colouring Function not identified Inappropriate controls & switches Access and egress Labelling of controls and indicators Variation in operators Operation by two or more persons 										
15. Are there specific requirements for ISOLATION of energy sources?		Ν								
 Hydraulic pressure Compressed gases Electrical feeds/capacitors Motive power systems Suspended loads Operation by two or more persons 										
16. Can unplanned LOSS of POWER create a hazard?		Ν								
 Engine shutdown Loss of electrical supply Loss of steering systems Ability to apply brakes and stop Ability to lower suspended loads 										



Potential Hazards	ł	Hazar	-	Describe Hazard	Controls	Current Risk Level	New or Additional Controls Required	Final Risk	New or Additional Controls Action	Action Verified as Complete:
	Υ	Ν	N/ A				on Plant	Level	By: (Name and Date)	(Name and Date)
17. Can anyone be SUFFOCATED?		N								
 Lack of oxygen Contaminated atmosphere Confined spaces Spaces where air flow is inadequate 										
18. Does operation of the plant cause extreme TEMPERATURE changes?		N								
 Fire Burns through conduction Convection Cryogenic burns Operation in extreme heat or cold 										
 19. Can a FIRE occur? Friction Ingress of materials/fluids Build-up of materials/lubricants Fuels Fire extinguisher 	Y			Injury to persons/damage to property due to flammable liquids	Ensure engine is turned off & cooled before refuelling. Refuel only in a well ventilated area. Keep fuels away from ignition sources. Follow correct fuel storage procedures.					



Potential Hazards	I	Hazaı		Describe Hazard	Controls	Current Risk Level	New or Additional Controls Required	Final Risk	New or Additional Controls Action	Action Verified as Complete:
	Υ	Ν	N/ A				on Plant	Level	By: (Name and Date)	(Name and Date)
 20. Can certain WEATHER conditions create a hazard? Hypothermia / extreme cold Heat stroke / extreme hot Wet conditions Electrical storms Dirt & mud on roads at egress points 	Y			Site specific	Determine site specific hazards and create exclusion zone	L				
 21. Does VIBRATION of the plant create a hazard? Plant becomes unstable Causes physical problems for the operator whilst operating Vibration of equipment Operation could cause unacceptable vibration levels in nearby structures 	Y			Site specific	Determine site specific hazards and create exclusion zone	L				
 22. Can the plant emit toxic FUMES or VAPOURS? Exhaust fumes Chemicals Haz chemicals/DG's 	Y			Hazardous exhaust fume	Use in a well ventilated are only					
 23. Carry out NOISE survey on page 14. Is the plant noisy? Emit >85 dBA at the operator Effects operator communication Noise impacts on community during out-of-hours work (including reversing beepers) 			N/ A							



Potential Hazards	ŀ	Hazar		Describe Hazard	Controls	Current Risk Level	New or Additional Controls Required	Final Risk Level	New or Additional Controls Action	Action Verified as Complete: (Name and
	Y	Ν	N/ A				on Plant	Level	By: (Name and Date)	Date)
24. Carry out the LIGHT survey on page 14. Is there poor visibility			N/ A							
 At the controls At the task Darkens surrounding areas Light impacts on community or sensitive natural environment during out-of-hours work 										
25. Does the plant emit RADIATION?		Ν								
 Eg X-rays EMR Laser 										
26. Can operation of the plant create DUST?			N/ A							
 Explosive atmosphere Breathing hazard Reduced visibility Nuisance dust at nearby community Impact on local flora and fauna Loss of topsoil and spread of weeds and pathogens 										



Potential Hazards	ł	Hazard		Describe Hazard	Controls	Current Risk Level	New or Additional Controls Required	Final Risk	New or Additional Controls Action	Action Verified as Complete:
	Y	Ν	N/ A				on Plant	Level	By: (Name and Date)	(Name and Date)
 27. Can the plant become UNSTABLE during operation? Working on uneven / unstable ground Shifting load Lack of plant support Outriggers 	Y			Injury to person or damage to property due to improper use or placement	Ensure pump is positioned on level stable ground and properly secured as per manufacturers instructions. A site specific risk assessment must be undertaken by client onsite to determine PPE and controls	Μ				
 28. Could LOSS of LOAD occur? Failure of ropes/slings Overloading Entanglement in surrounding structures Maintenance requirements 	Y			Injury to person or damage to property due to improper use or placement	Refer to operators instructions & load specifications to avoid overloading	Μ				



Potential Hazards	I	Hazar		Describe Hazard	Controls	Current Risk Level	New or Additional Controls Required	Final Risk	New or Additional Controls Action	Action Verified as Complete:
	Υ	Ν	N/ A				on Plant	Level	By: (Name and Date)	(Name and Date)
 29. Is there anything in the SURROUNDING ENVIRONMENT that may produce a hazard? Power lines Low ceiling Other plant Storage areas Co-located equipment Isolation requirements Potential for flash flooding if operating adjacent to waterways Operating in known areas of weeds, pathogens or contamination Operating in sensitive environments requiring protection from offsite weeds/pathogens or spills 	Ŷ			Potential Hazard – site specific	A site specific risk assessment must be undertaken by client to determine controls, PPE & exclusion zones.	L				
 30. Can CHEMICALS create a hazard? Leaking from plant Splashing Explosion PPE considerations Spill kit considerations 31. Operator TRAINING / QUALIFICATIONS? Training requirements 			N/ A N/ A							
 Qualification requirements Competency assessments Documentation Operator's manual Equipment experience Product knowledge 										



Potential Hazards	 lazar N	d N/ A	Describe Hazard	Controls	Current Risk Level	New or Additional Controls Required on Plant	Final Risk Level	New or Additional Controls Action By: (Name and Date)	Action Verified as Complete: (Name and Date)
32. Are there <u>ANY OTHER</u> potential hazards generated by or during the use of this item of plant and/or any attachments?	Ν								

ALL OPERATORS OF THE PLANT OR EQUIPMENT MUST BE BRIEFED ON THE PLANT HAZARD ASSESSMENT (PHA) PRIOR TO FIRST TIME USE.

ANY RELEVANT CONDITIONS WHICH MAY IMPACT ON THE OPERATION OF THIS ITEM OF PLANT OR EQUIPMENT MUST BE TRANSFERRED TO THE AMS/TRA.



NOISE REPORT					
Equipment Type:	Trash Pump 3" Petrol	Serial/Asset No.			
Make:	Crommelins	Model:	TP300RP		
Test by (print):	Leigh Evans	Date:	7/2/20	24	
Signature:			÷		
Sound Level Meter U	nit Used:				
Manufactures specif	ied noise level:	69.5 dBA			
Background level:				dBA	
Results – Operator's	Station		dBA	High Idle	
(Equipment Operatin	g)	dBA Low le			
Comments:					
Results – Bystander	Position:				
At 7 metres from side	e of equipment – Equ	ipment Operating (Hi	gh Idle)		
Front				dBA	
Rear		dBA			
Left		dBA			
Right		dBA			
Comments:					

LIGHTING REPORT				
	1	1		
Test by (print):		Date:		
Signature:		L		
Lux Meter used:				
Results – Operator's station				
At controls				Lux
At emergency control				Lux
In front/over task				Lux
Left side task				Lux
Right side task				Lux
Comments:	1			
Results – Surroundings:				
Clearly seen by others?		□ Yes	🗆 No	
Decrease lighting in walkways	\$?	□ Yes	🗆 No	
Decrease lighting to other wor	rkstations?	□ Yes	🗆 No	
Comments:				



This Hazard Identification and Risk Assessment has been prepared based on several key assumptions:

- 1. That all examples of the plant currently in service are as per their original specification.
- 2. That all examples of the plant have not been modified in any way without the prior written consent of the manufacturer or owner.
- 3. That all examples of the plant are operated and maintained in accordance with the Manufacturer's Instructions and with all applicable statutory requirements.

Northern Hire Group have made every attempt to identify all reasonable foreseeable operating circumstances in preparing this assessment, however no guarantee as to the completeness of this Assessment is provided or implied.

You should always check any applicable legislation and make your own judgement about what action you may need to take to ensure you have complied with the law.

It is the responsibility of the Employer, Contractor, Operator(s) to assess and identify any site or operation specific hazard associated with the use of this equipment specifically applicable to the task to be carried out and to where the equipment is to be used or located. They must assess the risk potential for each of the identified hazards and ensure that all reasonably practicable steps are undertaken to ensure those risks are effectively controlled.

All operators must be trained and competent in the use of this plant and hold appropriate qualifications as required by applicable regulatory requirements.

Operators of the plant to which this Risk Assessment refers must read and understand the instructions for Use and Warnings contained in the Operator Manual, or supplied with this Assessment, prior to use.

All daily Pre-Start checks, Routine and Periodic Inspections, Maintenance and Repairs to this plant must be carried out in accordance with the requirements of applicable Australian Standards.

NOTES: