

## SAFE WORK METHOD STATEMENT (SWMS)

<b>1. Activity/Task:</b>	<b>High Pressure Washing</b>		<b>SWMS Number:</b>	<b>SCR-SWMS-004 v.1</b>
<b>Review Team:</b>			<b>Project:</b>	
<b>SWMS Approved By:</b>		<b>Approval Date:</b>	<b>SWMS Review Date:</b>	
<b>Skills Required:</b>	Knowledge of company procedures, training in use of machine			
<b>Reference Material:</b>				

### 2. Potential Hazards Associated with the Activity/Task

- Identify each of the Hazards associated with the Activity/Task by placing a (✓) next to the potential Hazard, and ensure the hazard is adequately addressed within the SWMS.
- Potential Site specific hazards shall be addressed at site and recorded within the Site Risk Assessment book.

Work Environment	Energy	Work Process	Chemicals	Plant/Equipment	People
Entry/Exit	Gas L/P	Working at Height	Dangerous Goods ✓	Elev. Wk. Platform	Communication ✓
Temp. Extreme/ Weather	Gas M/P	Falling Objects	Toxic Substances	Cranes	Fatigue ✓
Confined Space ✓	Gas H/P	Sharp Materials	Inhalation	Excavator	Stress
Trench Collapse	Water	High Noise Levels ✓	Contact With:	Plant Movement	Working alone ✓
Oxygen Atmospheric Lvl	Electricity H/V	Ladders	Dust	Explosive Tools	Personnel Threat
Remote Site/Difficult rescue	Electricity L/V ✓	Manual Handling ✓	Bacteria	Suspended Loads	
Poor lighting & Visibility ✓	Hydraulic Pressure	Procedural Failure	Oils	Temperature Probe	
Trip/Slip Hazards ✓	Kinetic	Height Access	Contaminated Fluids	Hauling Equipment	
Vehicles / Pedestrians		Spills ✓	Fuels	Guards	
Erosion/ Flora/Fauna			Drilling Muds/Silt run off	Lockouts / Valves	

### 3. Risk Assessment – Align Consequence category with Likelihood category utilising the Risk Matrix to calculate the Risk

Consequence – Definition			Likelihood – Definition (HS&E)		Risk Matrix - (Align Likelihood x Consequence = Risk)					
Category	Health and Safety	Environmental	Category	Definition		1 Minor	2 Serious	3 Severe	4 Major	5 Catastrophic
<b>Catastrophic</b>	Multiple Fatalities or total permanent disabilities	Actual material harm to the environment (onsite and/or offsite) with long term or irreparable effects	<b>Almost Certain</b>	Will almost certainly occur once (or more) every couple of years. (Expected to happen, happens frequently).	<b>5 Almost Certain</b>	Moderate	High	Extreme	Extreme	Extreme
<b>Major</b>	Single Fatality or Total permanent disability	Actual material harm to the environment (onsite and/or offsite) with short term effects and is reparable through remedial action	<b>Likely</b>	Will probably (>50%) occur once (or more) in 20 years. Could occur within business unit or similar sites.	<b>4 Likely</b>	Moderate	Significant	High	Extreme	Extreme
<b>Severe</b>	Single permanent or partial disability / LTI	Discharge of any substance from site, which poses potential material harm to the environment	<b>Possible</b>	Could occur, but not probable. Has occurred in our company	<b>3 Possible</b>	Moderate	Moderate	Significant	High	Extreme
<b>Serious</b>	Lost Time Injury / Medical Treatment	Spillages, leaks or other escapes which have migrated offsite or where the potential for harm to the environment has been diminished through intervention (clean up) and leaves minor residual impact on the environment.	<b>Unlikely</b>	Not expected to occur. Has not occurred at our company, but has occurred within the industry within Australia.	<b>2 Unlikely</b>	Low	Low	Moderate	Significant	High
<b>Minor</b>	First Aid, No Medical Treatment	Spillages, leaks or other escapes which occur and are contained within the site boundary. Is not a reportable incident to the authorities, and has no impact to the environment.	<b>Rare</b>	May occur only in exceptional circumstances. Has occurred in known history worldwide or is conceptually possible.	<b>1 Rare</b>	Low	Low	Moderate	Moderate	Significant

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### 5. PPE to be Utilised AT ALL TIMES:

Uniform	Footwear
 <input checked="" type="checkbox"/>	 <input checked="" type="checkbox"/>

PPE to be Utilised where specified in this SWMS:	Eyewear	High Vis'	Gloves	Hearing	Dust Mask	Hard Hat			
	 <input checked="" type="checkbox"/>	 <input checked="" type="checkbox"/>	 <input checked="" type="checkbox"/>	 <input checked="" type="checkbox"/>	 <input checked="" type="checkbox"/>	 <input type="checkbox"/>			

	Sequential Steps List the basic task steps in a sequential order.	Hazards and Impacts Identify the health and safety or environmental Hazards and Impacts associated with each step, and examine each to determine the Risk Rating.	Risk Rating Rate the risk prior to controls being in place. (Consequence x Likelihood)	Controls Determine what actions are required to eliminate or minimise all hazards that could lead to an accident or environmental incident. Indicate who is to perform the action where applicable against each action	Risk Rating Re-rate the risk with controls in place. (Consequence x Likelihood)	Owner Control action owner
1	Check water pump and tank for fitness for purpose, ensuring plant maintenance is current. Use start up checklist where appropriate.	Machine damage and personal body injury should the equipment fail in operation	Severe x Possible = <b>Significant</b>	Regularly check for signs of wear such as loose bolts or nuts on security welded section, signs of fatigue and abnormal wear	Severe x Unlikely = <b>Moderate</b>	All
2	Check water pump, motor oil, and fuel lines for leaks	Machine damage and personal body injury should the equipment fail in operation	Severe x Possible = <b>Significant</b>	Check for cracked and loose fitting seals and dripping oil or fuel	Severe x Unlikely = <b>Moderate</b>	All
4	Check water tank and filter for wear and tear, fitness for purpose. Fill at commencement of work.	Machine damage and personal body injury should the equipment fail in operation	Severe x Possible = <b>Significant</b>	Be sure to fill before commencement of work, after checking machine safety	Severe x Unlikely = <b>Moderate</b>	All

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	<b>Sequential Steps</b> List the basic task steps in a sequential order.	<b>Hazards and Impacts</b> Identify the health and safety or environmental Hazards and Impacts associated with each step, and examine each to determine the Risk Rating.	<b>Risk Rating</b> Rate the risk prior to controls being in place. (Consequence x Likelihood)	<b>Controls</b> Determine what actions are required to eliminate or minimise all hazards that could lead to an accident or environmental incident. Indicate who is to perform the action where applicable against each action	<b>Risk Rating</b> Re-rate the risk with controls in place. (Consequence x Likelihood)	<b>Owner</b> Control action owner
<b>5</b>	Check fuel tank	Failure/Delay, personal injury	Severe x Possible = <b>Significant</b>	Ensure sufficient fuel in tank	Severe x Unlikely = <b>Moderate</b>	<b>All</b>
<b>6</b>	Check oil level	Machine damage	Severe x Possible = <b>Significant</b>	Ensure sufficient oil in tank	Severe x Unlikely = <b>Moderate</b>	<b>All</b>
	Release pressure from hand gun	Injury including crushing, burns etc.	Severe x Possible = <b>Significant</b>	Depress the trigger for short periods of time, allowing the trapped air in the system to escape	Severe x Unlikely = <b>Moderate</b>	<b>All</b>
	Start equipment vacuum on/off switch	Machine damage/Injury	Severe x Possible = <b>Significant</b>	Ensure all moving parts are free of loose clothing, hoses and body parts	Severe x Unlikely = <b>Moderate</b>	<b>All</b>
	Commence operation. Follow machine operational instructions.	Damage/Trip/Fall	Severe x Possible = <b>Significant</b>	Avoid pointing the gun closer to breakable parts, electric motor and open wiring. Position yourself in a non slippery area and support your legs	Severe x Unlikely = <b>Moderate</b>	<b>All</b>
	After completion, shutdown, clean machine and ensure it's in good working area when placed in storage.	Damage/Injury	Severe x Possible = <b>Significant</b>	Ensure ignition key for pumping the motor is switched off. Release the remaining water pressure in the system.	Severe x Unlikely = <b>Moderate</b>	<b>All</b>