OPERATION SHEET

SW110 PRESSURE WASHER

SAFETY/RISK/HAZARD ASSESSMENT

PLANT INFORMATION

NHG Ref/Part No.	**PRESSWASH110**
Plant ID:	**SW110 PREWASH**
Plant Name:	
Potential Noise Level in Db:	**95 to less than 100**
Required hearing protection class:	**3**
Operator Competency:	**Plant Licence Not Required**

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RISK ASSESSMENT INFORMATION

Potential Hazard(s)

It is the operator's responsibility to ensure that the worksite on which this equipment is to be used is equipped with the appropriate fire protection devices as per Australian Standard AS 2444-2001 Portable Fire Extinguishers and Fire Blankets.

Undertake appropriate measures to reduce risk to persons and property/equipment.

Depending on the workplace additional duties to manage electrical risks are required. Higher risk workplaces using certain electrical equipment must:

- regularly test that electrical equipment
- use RCDs.

Higher risk workplaces are those where operating conditions are likely to damage the equipment or reduce its life span. This includes conditions that expose the equipment to moisture, heat, vibration, mechanical damage, corrosive chemicals and dust. Examples include:

- wet or dusty areas
- outdoors
- workplaces that use corrosive substances
- commercial kitchens
- manufacturing environments.

Inspect, test and tag

Regular inspecting and testing of electrical equipment can save lives. It helps identify damage, wear and electrical faults.

You can detect many electrical defects such as damaged cords just by examining them, but regular inspection and testing will make sure you detect electrical faults and deterioration you can't see.

Inspections and testing must be carried out by a competent person, which depending on your jurisdiction might be a licensed or registered electrician or a licensed electrical inspector.

If you are a business inspecting and testing will help you meet your WHS duty to ensure electrical equipment is safe.

Residual-current devices

RCDs—also known as RCCBs or safety switches—are electrical safety devices that immediately switch off the electricity supply when electricity leaking to earth is detected at a level that is harmful to someone using electrical equipment.

You must use an RCD if the electrical equipment used in your workplace is:

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- supplied with electricity through a socket outlet (plug-in electrical equipment)
- used in conditions likely to damage or reduce its expected life span.

Injury

Risk Level	Medium
Control Measures	Familiarise all operators with start, stop & quick bleed procedures
	Keep work site clear of all unnecessary persons.
	Do not allow unit to be operated by children or persons under the influence of drugs or alcohol.
	Water is expelled at high speed and pressure. Never aim water jet at persons.
	Avoid contact with hot water.
	Avoid direct contact with chemicals.
	Avoid electrical hazards which may cause electrocution, including aiming the water jet at the unit or other electrical components/equipment. Wear rubber soled footwear. Keep electrical components, including cables clear of water. Do not operate in inclement weather.

Exposure to ultraviolet radiation if working outdoors

Risk Level	Medium
Control Measures	Wear sunscreen, hat, long sleeves and long pants.

Injury from contact with moving parts

Risk Level	Low
Control Measures	Do not hold fingers over the high pressure nozzle.
	Wear safety goggles to avoid eye injury from spraying liquid

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KEY OPERATING INSTRUCTIONS

1. Connect unit to water supply
2. Connect unit to power supply and turn on
3. Start the machine by pressing the green start button
4. Pull the trigger on the handpiece/lance and allow water to run through the pump for 2-3 minutes to expel air
5. Set the front part of the lance to high pressure position
6. Check that the pressure on the pressure gauge is correct
7. Set the temperature required by operating the thermostat knob and start the burner by turning the burner switch to the ON position. Burner ignition is controlled by a pressure switch which will cut off when the handpiece is in closed position, and by the thermostat which will cut off when water reaches the desired temperature (as set)
8. Detergent – to allow detergent through the injection system, turn the detergent cock knob anticlockwise and turn the double lance handgrip anticlockwise. DETERGENT INJECTION WILL OPERATE IN LOW PRESSURE ONLY

To STOP

1. Stop detergent flow and clean detergent line by running clean water through the system
2. Turn Burner off
3. Run the unit for approx. 5 mins to allow water to cool
4. Stop the machine by pressing the red STOP button
5. Pull the trigger to release pressure
6. Turn off water supply
7. Turn off power supply

Please refer to the User Guide and Operators Manual

for detailed Operating Instructions

The safety information contained in this assessment is general information only and should not be relied upon as a substitute for professional advice or tuition, which the hirer should seek before operating.

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