















Name	Karcher HD 6/12 4C Electric Water Blaster
Recommended Use	High Pressure Water blasting of dirty and rusty surfaces for cleaning or preparation for painting.
Specifications:	Up to 1700 psi pressure
Health and Safety Information	IMPORTANT: The information contained in this SOP is intended as a summary only. All users must read the operating manual and familiarise themselves with the equipment before commencing use.

Section 1: Equipment Details	
Manufacturer	Karcher (https://www.kaercher.com/nz/)
Emergency Contact details	Garry Bull (Upper Hutt Hire) 027 742 6583

Section 2: Hazards Identification

	<p>This water blaster produces water at very high pressure (up to 3000 psi) and may cause deep lacerations to skin and serious risk of infection.</p> <p>Never direct the water jet at people or animals. Never tie the Trigger into a 'locked' position.</p>
	<p>Serious Risk of lacerations and/or injury to feet.</p> <p>Never operation the water blaster within 1 meter of your body and always wear protective footwear capable of withstanding high pressure.</p>
	<p>If operating at heights above 1 meter, ensure the area is secured and that you are wearing a safety harness. Risk of Fall. This water blaster produces extremely high pressure and may provide sufficient thrust to cause a fall from height.</p> <p>Run the water blaster before commencing work to gauge nozzle thrust.</p>
	<p>Danger: Risk of slipping. This Water Blaster produces large quantities of water (and debris) and may make operating surfaces extremely slippery. Wear adequate footwear and minimise water in standing zones.</p>

	<p>Danger: This Water Blaster may produce debris which may cause severe eye injury. Always wear eye protection such as a full-face mask or safety goggles.</p>
	<p>240 V electrically powered. Ensure the electrical connections are kept dry. Always use a safety transformer or RCD safety device. Never touch any electrical connections with wet hands.</p>
	<p>Operate this item only on an electrical supply equipped with a 30 mA earthed current-limiting circuit breaker (RCCB).</p>
	<p>Risk of inhalation of Aerosols. The use of high pressure water blasters may result in the inhalation of potentially harmful aerosols. Consider Category FFP2 Respirators or other PPE.</p>
	<p>Do not allow persons to operate machinery without full and proper instruction in the use of the machine. Do not allow person under 16 years age to operate the machinery.</p>
	<p>Always isolate and clearly mark the area for Water Blasting. Consider the debris field.</p>
	<p>Never allow anyone to drive over or park on the high pressure hose. If hose is damaged, do not repair or attempt to use. Contact Upper Hutt Hire immediately.</p>
	<p>Remove any scale or debris. Scale and Debris may pose an abrasive or bio-hazard risk. Small particles may be inhaled.</p>
	<p>Operation of the equipment must not be performed by persons under the influence of alcohol, drugs, medications or any chemical substances capable of impairing the abilities of that person.</p>
	<p>Extended use of this equipment may result in extensive hand-arm vibration, resulting in damage to nerves, tendons, muscles and bones. Monitor use and cease operation if necessary.</p>

Section 3: Additional Information

Certification: Does this item require special licensing or certification?	Yes: Mandatory Electrical testing after every hire as part of normal pre-hire check.
Additional links? Worksafe NZ etc	None available at time of issue.

Section 4: Fuel and Lubricants

Fuel	N/A : Electrical
Oil	N/A

Section 5: Log Book

Does this equipment require a daily check and entry in the log book?	No
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Section 6: Personal Protective Equipment (PPE)

Appropriate personal protective equipment (PPE) is required for the operator and persons assisting with loading and unloading.



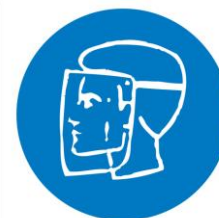
HEARING PROTECTION MUST BE WORN



Hand protection must be worn



Foot protection must be worn



Wear face shield

Section 7: Emergency precautions for site

Do you have a FIRST AID KIT on site and immediately available?	Can you make an EMERGENCY CALL if necessary?
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Section 8: Use of Chemicals

If using chemicals in conjunction with this Water Blaster (such as de-scaling or cleaning chemicals) consult the chemical's Mater Safety Data Sheet (MSDS) to ensure you have taken the necessary precautions. NEVER use volatile or combustible liquids.

Section 9: Preliminary Checks before starting

1. Carry out risk assessment and isolate the area as necessary.
2. Ensure adequate water supply is available.
3. Ensure there are no kinks in the supply and delivery hose.

Section 10: Transport

1. Disconnect the hoses and roll up the electrical cable. Drain any remaining water
2. Always transport the Water Blaster in the upright position.

Section 10: Additional Information

Always use common sense! It is not possible to cover every conceivable situation you can face when using our equipment. Always exercise care and use your common sense. Avoid all situations which you consider to be beyond your capability. If you still feel uncertain about operating procedures after reading these instructions and the owner's manual, you should consult an expert before continuing.

The information contained herein is true and accurate to the best of our knowledge. No warranty or guarantee is expressed or implied regarding the accuracy of information or instructions. Users MUST consult the manufacturer's manual or handbook. While every effort has been made to summarise the important Health and Safety information for the safe use of this equipment, Upper Hutt Hire Ltd shall not be liable in any way for any reliance by any person or entity on the accuracy of information or data contained in this document or its attachments.

Revision date

November 2021
(SOP based on AES200/19, 200/32 & 170/40 OPERATOR'S HANDBOOK Nov 2016)