



- 13 Be aware that the water spray can drift into other work areas and cause danger to others. **DO NOT** clean electrical equipment until it has been disconnected from the power supply. Protect the electrical parts from the water where possible.
- 14 **DO NOT** use hoses other than those supplied and make sure at all times that they are not kinked.
- 15 **DO NOT** use hot water, unless specified by the manufacturer.
- 16 **DO NOT** use detergents other than those supplied.
- 17 **DO NOT** run the equipment if there is any leakage and do not attempt to tighten a joint whilst under pressure.
- 18 **DO NOT** allow any waste water that contains substances hazardous to health and/or certain other waste materials to run to the drains. It is your legal duty to prevent this or to seek advice in preventing it.
- 19 **DO NOT** carry the lance with the finger on the operating trigger.
- 20 **CHECK** that all water pressure in the lines is released before leaving the machine unattended or before disconnecting any connector in the hose.
- 21 **DO NOT** make repairs. Contact the Hire Company.

#### **PRESSURE WASHER POWERED BY ELECTRICITY**

- 22 **CHECK** that the voltage of the supply is correct. The pressure washer will be either 110 volts or 230 volts.
- 23 The use of a low voltage machine at 110V (CTE) will effectively eliminate the risk of death and greatly reduce the degree of injury from an electric fault.
- 24 Use a machine with the lowest possible voltage to suit the job.
- 25 **DO NOT** use domestic plugs and sockets on construction sites, they are not robust enough.

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When using a 230V pressure washer the risk of injury or death from electric shock is unacceptably high unless the following precautions are taken:

- a) Use RCD power breakers at the supply socket to give protection for both the tool and its power cable.
- b) The RCD should be protected from dust, wet weather, mechanical damage and vibration.
- c) Position power cables where they are less likely to be damaged.
- d) The machine, cables and RCDs should be checked every day (or every shift) using the following as a guide:
  - **CHECK** that bare wires are not visible
  - Make sure that cables are not damaged and free from cuts and abrasions (apart from light scuffing)
  - **ENSURE** that there are no taped or other non-standard joints in the cable.
  - **CHECK** that the cable covering has not been pulled out of the grips at the plug or equipment. (The coloured insulation of the internal wires should not be visible).
  - **CHECK** the outer casing and covers over electrical parts for damage and **CHECK** for loose or missing parts or screws
  - Make sure that there are no overheating or burn marks on the plug, cable and equipment.
  - **CHECK** the operation of the RCD power breaker by operating the test button.

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A machine using 110 volts should be checked weekly as in 26(d) above.

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**CHECK** regularly that all ventilation grills or holes on motor housings are clear and free from dirt.

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If the automatic cut-out operates, allow the motor to cool before re-starting.

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**DO NOT** disconnect a plug by pulling its cable.

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Unplug from the power supply before changing nozzles.

## PRESSURE WASHERS POWERED BY PETROL OR DIESEL MOTORS

- 32 Position the equipment on firm and level ground. Secure if necessary to prevent accidental movement.
- 33 **CHECK** that guards are secure. **NEVER** operate the machine with missing or defective guards.
- 34 Before starting the engine the operator should familiarise himself/herself on how to stop it.
- 35 **DO NOT** smoke when refuelling. **NEVER** refuel with the engine running.
- 36 Replace the fuel caps securely on the engine and fuel container. Wipe up any spillage immediately.
- 37 Fuel containers should be in good condition and leak proof.
- 38 **DO NOT** use the machine in a hazardous or explosive atmosphere, or where fuel has been spilt.
- 39 **DO NOT** run the equipment in a badly ventilated area or where exhaust fumes can sink into a basement or excavation.
- 40 If the engine has to be used in an enclosed area, ducting may be used to discharge exhaust fumes to a safe place.
- 41 **CHECK** that there is no combustible material lying on or against the exhaust system. The exhaust pipe and silencer get very hot.
- 42 In the event of a leak of fuel or oil developing, switch the engine off immediately.
- 43 If warning lights show or gauges register outside normal limits, switch off the engine.
- 44 **DO NOT** top up with coolant while the engine is running. Allow the radiator to cool before removing the radiator cap.
- 45 When noise levels are uncomfortably high at 85-89 dB(A), it is advisable to wear hearing protectors.
- 46 At still higher noise levels, when it is necessary to shout to be heard, (90 dB(A) and above) the law requires that hearing protectors must be worn.