

- 16 **DO NOT** run the steam cleaner in a badly ventilated area or where combustion fumes from the boiler can build up to dangerous levels
- 17 **DO NOT** run the equipment if there is any leakage and do not attempt to tighten a joint whilst the system is under pressure.
- 18 Use shielding screens where necessary to protect other persons and equipment from the steam.
- 19 **CHECK** that all pressure in the lines is released before leaving the machine unattended or before disconnecting any connector in the hose.
- 20 **NEVER** hold the lance by the nozzle during or after operation due to nozzle becoming extremely **HOT**. **ALWAYS** use the protected grip handles.
- 21 **DO NOT** make repairs. Contact the Hire Company.
- 22 **DO NOT** allow any waste water that contains substances hazardous to health and/or certain other waste materials to run into the drainage system.
- 23 **DO NOT** smoke when refuelling. **NEVER** refuel with the engine running.
- 24 Replace the fuel caps securely on the engine and fuel container. Wipe up any spillage immediately.
- 25 Fuel containers should be in good condition and leak proof.
- 26 **DO NOT** use the machine in a hazardous or explosive atmosphere, or where fuel has been split.
- 27 **DO NOT** run the equipment in a badly ventilated area or where exhaust fumes can sink into a basement or excavation.
- 28 If the engine has to be used in an enclosed area, ducting may be used to discharge exhaust fumes to a safe place.

STEAM CLEANERS POWERED BY ELECTRICITY

- 29 **CHECK** that the voltage of the supply is correct. The pressure washer will be either 110 volts or 230 volts.
- 30 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.
- 31 Use a machine with the lowest possible voltage to suit the job.
- 32 **DO NOT** use domestic plugs and sockets on construction sites, they are not robust enough.

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When using a 230V cleaner 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 cleaner 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 are free from cuts and abrasions (apart from light scuffing)
 - **CHECK** that the plug is in good condition, the casing is free from cracks the pins are not bent or the socket is not blocked with debris or dirt
 - **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 33(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 carry the lance with the finger on the operating trigger.

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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.

THE BURNER

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DO NOT use any fuel other than that supplied or recommended by the Hire Company.

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DO NOT smoke when refuelling. **NEVER** refuel with the burner lit.

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Replace the fuel caps securely on the engine and fuel container. Wipe up any spillage immediately.

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