

- 15 **DO NOT** use in a badly ventilated area or where exhaust fumes can sink into a basement or excavation.
- 16 If the drive unit has to be used in an enclosed area, ducting may be used to discharge exhaust fumes to a safe place.
- 17 Move the unit at least 10 metres from the fuelling point before starting engines.
- 18 **CHECK** that there is no combustible material on the exhaust system. The exhaust and silencer get very hot.
- 19 In the event of a leak of fuel or oil developing, switch the engine off immediately.
- 20 If warning lights show or gauges register outside normal limits, switch off the engine.
- 21 **DO NOT** top up with coolant while the engine is running. Allow the radiator to cool before removing the radiator cap and topping up.
- 22 When noise levels are uncomfortably high at 85-89 dB(A), it is advisable to wear hearing protectors.
- 23 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.
- 24 **DO NOT** attempt repairs. Contact the Hire Company.

POKERS WITH ELECTRIC DRIVE UNITS

- 25 **CHECK** that the voltage of the supply is correct. The poker will be either 110 volts or 230 volts.
- 26 The use of low voltage drive units at 110V (CTE) will effectively eliminate risk of death and greatly reduce the degree of injury from an electric fault.
- 27 Use a unit with the lowest possible voltage to suit the job.

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When using a 230V drive unit 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 drive unit and RCD 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)
 - **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 of the equipment 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 drive unit using 110 volts should be checked weekly as in 28 (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 lift the drive unit by its cable or disconnect a plug by pulling its cable.

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Unplug from the power supply before making adjustments to the unit.

POKERS POWERED BY COMPRESSED AIR

- 34 **CHECK** that hoses and couplings are not damaged. Failure can cause injuries.
- 35 Air hoses must be blown out before connecting to the poker. Hold the open end securely and open the air cock **CAREFULLY**. A blocked hose can become an air gun.
- 36 **CHECK** that all couplings are secure. If a coupling parts the hose will "whip". **NEVER** attempt to catch and hold it down, turn off the air.
- 37 **DO NOT** carry the vibrator by its air hose.
- 38 When noise levels are uncomfortably high at 85 -89 dB(A), it is advisable to wear hearing protectors.
- 39 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.
- 40 Only use compressed air for cleaning down equipment with extreme caution. Use eye protection and ear defenders.
- 41 **DO NOT** use compressed air to clean yourself and **DO NOT** direct it at another person.
- 42 **CHECK** that air pressure is released from the hose before disconnecting a coupling.