

8.1.5 Electrical Faults

A failed electrical supply can prevent some oil fired vaporising appliances from working fully. Often the fault is reported as constant low fire low temperature problems. Always check that this is not the cause of the problem.

Intermittent interruptions in the supply can give rise to faults that are very difficult to trace.

With modern heating and hot water and safety controls wired via a vaporising appliance, faults in the system controls can prevent the appliance from functioning correctly. Information on specific vaporising systems and controls are contained in the appliance manufacturer's installation instructions.

Always check the system controls such as electric thermostats and motorised valves for correct operation. Frost thermostats can also isolate the burner electrically.

When tracing electrical faults use the electrical isolation procedure given in Section 6.2.4.

8.1.6 Installation Safety

It is important that technicians attending an appliance to deal with a breakdown also check the general safety of the installation. In the case of open flued appliances the measures outline in S4.1 must be followed.

Technicians must remember that they are the trained and skilled person involved. Members of the general public or professionals in other fields may not appreciate the importance of general oil burning appliance or oil storage maintenance work or of the existence of evidence in the form of odours which could be linked to oil or combustion, and which must always be assumed to indicate a serious air supply, appliance, flue or chimney problem.