

**BOOK TWO SECTION SIX**  
**COMMISSIONING AND SERVICING PROCEDURE**

## **6.1 Commissioning**

### **6.1.1 General**

When an oil-fired installation is first put into use it is essential that its main features be checked for safe and efficient operation and that, in particular, its burner is set up to suit site conditions. Most manufacturers will set an appliance before it leaves their factory but this does not mean that the appliance is ready for use without further adjustment. A commissioning technician must check the installation and carry out a combustion efficiency test in order to ensure that operation is up to the high levels expected by the industry and the end users. Many manufacturers' guarantees will probably depend on this having been carried out.

If the installation involves two appliances using the same flue and chimney system and the Technician is satisfied that this can be operated safely, then it is essential that any testing undertaken involves the use of both appliances at the same time so that the performance of each appliance when the chimney is fully loaded can be tested. This applies to every category of appliance visit for this type of installation during which combustion testing is undertaken. Further information on this is given in S4.1.

The commissioning technician must first check the installation for safety in a logical manner and the OFTEC servicing schedule can be used for this purpose. Operating parts of the installation, such as gauges, filter, valves, fire valves, burners and system controls require to be examined and, put into use. Appliance manufacturers' commissioning information must be used and measurements taken with properly calibrated instruments. It must be remembered that the safety of the appliance may depend on a feed and expansion cistern or system controls, and that these must be satisfactorily designed and installed.

When testing is undertaken the results must be recorded and left on site so that you or any subsequent technicians attending to the equipment are aware of any special adjustments that have been made to deal with site conditions. The general advice given in Section 1.2 regarding the organisation of servicing operations should be followed.