Boat Safety Scheme

Part 8

Appliances, flueing & ventilation

Key Changes

- Flue spillage test mandatory
- Non Cooking LPG appliances are to be room sealed (see Paragraph 8.2.2 (a))
- Specified distances for unprotected combustible materials from cooking appliances
- Instantaneous water heaters to be fed from cold water supply
- Room sealed appliance flue terminals/air inlets to be a specified distance from windows hatches etc.

Key Changes (Cont)

- Ventilation is mandatory including warning notice on sea going boats.
- Flues and draught diverts required
- Checks for Non room sealed are at 8:2:2
- Checks for room sealed are at 8:8
- Liquid fuel appliances flame supervision device
- Room sealed flues clear of areas that could be enclosed by canopies

All non-cooking LPG appliances are to be room sealed, However a non-room sealed Instantaneous water heater may be installed under exemption 11.25

Non-room sealed appliances installed before 3 January 2000 are also compliant under exemption 11.25(i)

Determine each flue/draught diverter is of a type approved by the manufacturer. Where this cannot be determined visually and manually check the flue system:

- Is complete
- Not obstructed
- Serves only one room appliance
- Has correctly sited terminal

8:2:2 (i) Visually check flue is;

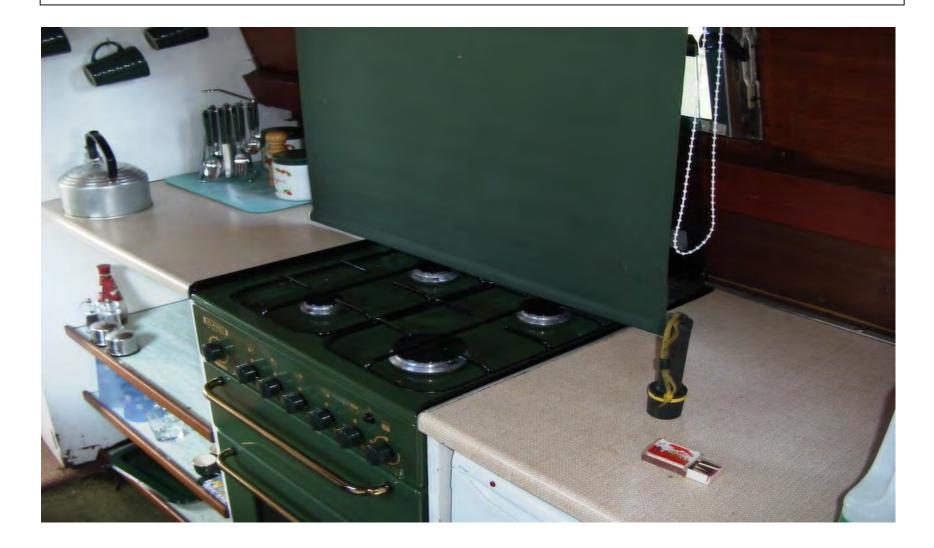
- Made of suitable material
- Not perforated in any way

Note: this check also applies to solid and liquid fuelled appliances.

8:2:2 (I) visually check a flue or draught diverter and flue is fitted to an appliance designed exclusively for use with one.

Note: This check also applies to solid and liquid fuelled appliances

Determine by measurement all combustible and unprotected materials are not placed within the specified distances from a cooking appliance



Exemption 11.28

Vessels manufactured prior to 3 January 2000 and having woodwork and all other combustible materials including curtains adjacent to all appliances suitably insulated and protected against excessive heat or inherently flame retardant, or treated with a durable flame retardant are not required to comply with the distance measurements applied to combustible materials and material without a class 1 surface spread of flame rating, or the distance measurements applied to curtains and other suspended textile materials, In standard 8.4

Additional information

Class	Spread at 1.5 mins	Final Spread
1	165 mm	165 mm
2	215 mm	455 mm
3	265 mm	710 mm

An Instantaneous Water Heater raises water temperature by a specified amount - regardless of temperature of inlet.

- Risk of 'scalding' if water inlet is not cold
- 8.6.1 simply asks to check that water inlet to Instantaneous Water Heater is from cold side

Fuel Oil Appliances 8.7

Standard 8:7

- 8:7:3 Visually check the valve or cock is located in the same compartment as the appliance.
- 8:7:4 Visually check the valve or cock is at a safe distance from the appliance

Contact office for advice.

Determine the room-sealed appliance was installed after 3 January 2000.

Determine by measurement flue terminals/air inlets are not positioned within 500mm of any:

- Ventilator
- Opening port
- Hatch
- Window
- Refueling fitting
- Fuel tank vent outlet

<u>Please Note</u>: In the event a BSS fault is determined and in circumstances where the operator expresses an intention to contest the fault and can point to compliance with the requirements of a published British or International standard then the matter should be reported to the BSS Office.

Please note

Compliance with the flue spillage test is mandatory

&

Ventilation standards are mandatory requirements for 2002 class vessels

Calculation uses the number of crew rather than the number of berths

Please note

the final paragraph in 8.9.1 and 8.9.2 regarding the issue of an LPG warning notice

Boat Safety Scheme

Part 9

Pollution

Pollution 9.1

Visually identify sanitation system capable of discharging sewage overboard

Note: Examiner/surveyors must make a note in their own records of the type of system installed (if any)

No further action is necessary

Boat Safety Scheme

End of Part 9.

Pollution