

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

Appliances, flueing & ventilation 8.2

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)

Appliances, flueing & ventilation 8.2

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

Appliances, flueing & ventilation 8.2

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

Appliances, flueing & ventilation 8.4

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

Appliances, flueing & ventilation 8.4



Appliances, flueing & ventilation 8.4

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

Appliances, flueing & ventilation 8.6

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.

Appliances, flueing & ventilation 8.8

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

Please Note: 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.

Appliances, flueing & ventilation 8.9

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

Appliances, flueing & ventilation

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