

SECTION 5 SELECTION AND DISTRIBUTION OF PORTABLE FIRE EXTINGUISHERS IN VEHICLES AND SMALL CRAFT

5.1 GENERAL

Where extinguishers are required for vehicles, including caravans, and small craft, they shall be provided in accordance with the requirements of Table 5.1. The Table specifies the minimum requirements, but in some circumstances, more stringent requirements may be set by the appropriate regulatory authority.

5.2 REMOTE AREAS

For a vehicle intended for operation in a remote area where the loss of the vehicle may jeopardize life, consideration shall be given to the provision of fire protection equipment additional to that specified in Clause 5.1.

5.3 ACCESSIBILITY

Extinguishers are to be located to enable safe access in an emergency and supported by a suitable bracket to withstand the forces that result from vehicle impact or braking.

Suitable areas for mounting extinguishers may be under or adjacent to the driver's seat of vehicles or adjacent to external doors of vans, houseboats and passenger vehicles.

5.4 SELECTION FACTORS

For a car, caravan, small craft and the like, it is stressed that a fire extinguisher is provided for the initial stages of a fire. To gain access to awkward locations, consideration shall be given to the provision of an extinguisher fitted with a hose (see Table 5.1).

For commercial vehicles, consideration shall be given to the type of vehicle, the cargo being carried and the requirements of the regulatory authority. Every fire extinguisher for use in commercial vehicles shall be of a type fitted with a hose to assist in gaining access to awkward locations (see Table 5.1).

TABLE 5.1
MINIMUM RATING, CLASSIFICATION AND NUMBER OF EXTINGUISHERS
FOR VEHICLES

Type of vehicle	Minimum rating and classification of extinguishers	Minimum number of extinguishers
Sedan, station wagon, panel van or utility	1A:5B	1
Caravan/campervan— Single compartment	1A:5B	1
Multi-compartment	1A:5B	2
Outboard-powered boat— Small fuel tank (< 25 L)	5B	1
Large fuel tank (> 25 L)	20B	1
Houseboat and motor cruising yacht	2A:10B	2
Passenger-carrying vehicle In urban areas or on short trips outside urban areas	2A:20B (fitted with hose)	1
Outside urban areas or when fitted with integral luggage compartment	2A:20B (fitted with hose)	2 (one to be mounted near the under-floor area or engine)
Cargo-carrying vehicle	1A:10B (fitted with hose)	1 (in cabin) (Additional extinguishers appropriate to the cargo carried and in accordance with the relevant regulations)

NOTES:

- 1 In caravans and boats where cooking appliance (using cooking oils and fats) are installed, a fire blanket is recommended, additional to the above.
- 2 Consideration should be given to all extinguishers having an E rating where electrical hazards may be found in vehicles if capable of being connected to 240 V a.c., e.g. caravans, campervans, houseboats and the like.