

combination letter-and-number symbol in which the letter indicates the type of fire that the extinguisher is designed to extinguish, and the number indicates the relative size of the extinguisher.

(b) The letter designations are as follows:

(1) “A” for fires of ordinary combustible materials where the quenching and cooling effects of water, or solutions containing large percentages of water, are of primary importance;

(2) “B” for fires of flammable liquids, greases, or other thick flammable substances where a blanketing effect is essential; and

(3) “C” for fires in electrical equipment where the use of a non-conducting extinguishing agent is of primary importance.

(c) The number designations for size range from “I” for the smallest extinguisher to “V” for the largest. Sizes I and II are portable extinguishers. Sizes III, IV, and V are semi-portable extinguishers that must be fitted with suitable hose and nozzle, or other practicable means, so that all portions of the space concerned may be covered. Examples of size graduations for some of the typical portable and semi-portable extinguishers are set forth in table 149.405.

TABLE 149.405—PORTABLE AND SEMI-PORTABLE EXTINGUISHERS

Classification type-size	Foam liters (gallons)	Carbon dioxide kilograms (pounds)	Dry chemical kilograms (pounds)
A-II .....	9.5 (2.5)	.....	<sup>1</sup> 2.25 (5)
B-II .....	9.5 (2.5)	6.7 (15)	4.5 (10)
C-II .....	.....	6.7 (15)	4.5 (10)
B-IV .....	7.6 (20)	22.5 (50)	13.5 (30)
B-V .....	15.2 (40)	<sup>2</sup> 45 (100)	<sup>2</sup> 22.5 (50)

**Notes:**

<sup>1</sup> Must be specifically approved as a type “A,” “B,” or “C” extinguisher.

<sup>2</sup> For outside use, double the quantity of agent that must be carried.

**§ 149.406 What are the approval requirements for a fire extinguisher?**

All portable and semi-portable fire extinguishers must be of an approved type under 46 CFR part 162, subparts 162.028 and 162.039, respectively.

**§ 149.407 Must fire extinguishers be on the deepwater port at all times?**

(a) The fire extinguishers required by § 149.409 of this subpart must be on all manned deepwater ports at all times.

(b) The fire extinguishers required by § 149.409 of this part need be on unmanned deepwater ports only when personnel are working on the deep-

water port during cargo transfer operations, or performing maintenance duties.

**§ 149.408 What are the maintenance requirements for fire extinguishers?**

All fire extinguishers must be maintained in good working order and serviced annually in accordance with 46 CFR 107.235.

**§ 149.409 How many fire extinguishers are needed?**

Each particular location must have the number of fire extinguishers required by table 149.409.

TABLE 149.409—PORTABLE AND SEMI-PORTABLE EXTINGUISHERS, MINIMUM QUANTITY AND LOCATION

Space	Classification	Minimum quantity and location
(a) Safety Areas:		
(1) Communicating corridors.	A-II .....	One in each main corridor or stairway not more than 150 feet apart.
(2) Radio room .....	C-II .....	One outside or near each radio room exit.
(b) Accommodation Spaces:		
(1) Sleeping quarters .....	A-II .....	One in each sleeping space that fits more than four persons.
(c) Service Spaces:		
(1) Galleys .....	B-II or CII .....	One for each 2,500 square feet or fraction thereof, for hazards involved.