§ 25.30—Fire Extinguishing Equipment

§ 25.30–10 Hand-portable fire extinguishers and semi-portable fire-extinguishing systems.

(a) Hand portable fire extinguishers and semiportable fire extinguishing systems are classified by a combination letter and number symbol. The letter indicating the type of fire which the unit could be expected to extinguish, and the number indicating the relative size of the unit. (b) For the purpose of this subchapter, all required hand portable fire extinguishers and semiportable fire extinguishing systems are of the “B” type; i.e., suitable for extinguishing fires involving flammable liquids, greases, etc.
(c) The number designations for size run from “I” for the smallest to “V” for the largest. Sizes I and II are hand-portable fire extinguishers; sizes III, IV, and V are semi-portable fire-extinguishing systems, which must be fitted with hose and nozzle or other practical means to cover all portions of the space involved. Examples of the sizes for some of the typical hand-portable fire extinguishers and semi-portable fire-extinguishing systems appear in table 25.30–10(C):

<table>
<thead>
<tr>
<th>Classification</th>
<th>Foam, liters (gallons)</th>
<th>Carbon dioxide, kilograms (pounds)</th>
<th>Dry chemical, kilograms (pounds)</th>
</tr>
</thead>
<tbody>
<tr>
<td>B-I</td>
<td>6.5 (1 3⁄4)</td>
<td>2 (4)</td>
<td>1 (2)</td>
</tr>
<tr>
<td>B-II</td>
<td>9.5 (2 1⁄2)</td>
<td>7 (16)</td>
<td>4.5 (10)</td>
</tr>
<tr>
<td>B-III</td>
<td>45 (12)</td>
<td>16 (35)</td>
<td>9 (20)</td>
</tr>
<tr>
<td>B-IV</td>
<td>75 (20)</td>
<td>23 (50)</td>
<td>13.5 (30)</td>
</tr>
<tr>
<td>B-V</td>
<td>150 (40)</td>
<td>45 (100)</td>
<td>23 (50)</td>
</tr>
</tbody>
</table>

(d) All hand portable fire extinguishers and semiportable fire extinguishing systems shall have permanently attached thereto a metallic name plate giving the name of the item, the rated capacity in gallons, quarts, or pounds, the name and address of the person or firm for whom approved, and the identifying mark of the actual manufacturer.

(e) Vaporizing-liquid type fire extinguishers containing carbon tetrachloride or chlorobromomethane or other toxic vaporizing liquids are not acceptable as equipment required by this subchapter.

(f) Hand portable or semiportable extinguishers which are required on their name plates to be protected from freezing shall not be located where freezing temperatures may be expected.

(g) The use of dry chemical, stored pressure, fire extinguishers not fitted with pressure gauges or indicating devices, manufactured prior to January 1, 1965, may be permitted on motorboats and other vessels so long as such extinguishers are maintained in good and serviceable condition. The following maintenance and inspections are required for such extinguishers:

1. When the date on the inspection record tag on the extinguishers shows that 6 months have elapsed since last weight check ashore, then such extinguisher is no longer accepted as meeting required maintenance conditions until reweighed ashore and found to be in a serviceable condition and within required weight conditions.
2. If the weight of the container is 1⁄4 ounce less than that stamped on container, it shall be serviced.
3. If the outer seal or seals (which indicate tampering or use when broken) are not intact, the boarding officer or marine inspector will inspect such extinguisher to see that the fragile disc in neck of the container is intact; and if such disc is not intact, the container shall be serviced.
4. If there is evidence of damage, use, or leakage, such as dry chemical powder observed in the nozzle or elsewhere on the extinguisher, the container shall be replaced with a new one and the extinguisher properly serviced or the extinguisher replaced with another approved extinguisher.

(h) The dry chemical, stored pressure, fire extinguishers without pressure gauges or indicating devices manufactured after January 1, 1965, shall not be labeled with the marine type label bed in §162.028-4 of this title nor shall such extinguishers manufactured after January 1, 1965, be carried on board motorboats or other vessels as required equipment.


§ 25.30–15 Fixed fire-extinguishing systems.

When a fixed fire-extinguishing system is installed, it must be a type approved or accepted by the Commandant (CG–ENG–4) or the Commanding Officer, U.S. Coast Guard Marine Safety Center.


§ 25.30–20 Fire extinguishing equipment required.

(a) Motorboats. (1) All motorboats shall carry at least the minimum number of hand portable fire extinguishers set forth in table 25.30–20(a)(1), except that motorboats less than 26 feet in length, propelled by outboard motors and not carrying passengers for hire,