the lifeboat can be swung out and lowered from any stopped position by merely releasing the brake on the lifeboat winch. The use of force to start the davits or the lifeboat winch is not permitted.

(f) Inflatable liferaft containers are examined for defects and the inspector verifies that the inflatable liferafts and hydraulic releases, if installed, have been serviced at an approved facility in accordance with the provisions of subparts 160.051 and 160.062, respectively, of this chapter.

(g) All other items of lifesaving equipment are examined to determine that they are in suitable condition.


§ 169.247 Firefighting equipment.

(a) At each inspection for certification and periodic inspection and at such other times as considered necessary all fire-extinguishing equipment is inspected to ensure it is in suitable condition. Tests may be necessary to determine the condition of the equipment. The inspector verifies that the tests and inspections required in Tables 169.247 (a)(1) and (a)(2) of this subchapter have been conducted by a qualified servicing facility at least once every twelve months.

(1) Hand portable fire extinguishers and semi-portable fire extinguishing systems are examined for excessive corrosion and general condition.

(2) All parts of the fixed fire-extinguishing systems are examined for excessive corrosion and general condition.

(3) Piping, controls, valves, and alarms on all fire-extinguishing systems are checked to be certain the system is in operating condition.

(4) The fire main system is operated and the pressure checked at the most remote and highest outlets.

(5) Each firehose is subjected to a test pressure equivalent to its maximum service pressure.

<table>
<thead>
<tr>
<th>TABLE 169.247(a)(1)—PORTABLE EXTINGUISHERS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Type unit</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TABLE 169.247(a)(2)—FIXED SYSTEMS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Type system</strong></td>
</tr>
<tr>
<td>Carbon dioxide or HALON 1301.</td>
</tr>
<tr>
<td>Dry chemical (cartridge-operated type).</td>
</tr>
<tr>
<td>Dry chemical (stored pressure).</td>
</tr>
<tr>
<td>HALON 1211 or HALON 1301.</td>
</tr>
</tbody>
</table>


§ 169.249 Pressure vessels.

Pressure vessels must meet the requirements of part 54 of this chapter. The inspection procedures for pressure vessels are contained in subpart 61.10 of this chapter.

§ 169.251 Steering apparatus.

At each inspection for certification and periodic inspection the steering apparatus is inspected and operationally tested to determine that its condition is satisfactory and that it is fit for the service intended.


§ 169.253 Miscellaneous systems and equipment.

(a) At each inspection for certification and periodic inspection all
Coast Guard, DHS

§ 169.305 Plans required.

(a) Except as provided in paragraphs (b) and (c) of this section the owner or builder shall, before the start of construction or before the initial inspection of the vessel, submit to the Officer in Charge, Marine Inspection of the inspection zone where the vessel is to be inspected, at least one copy of each of the following plans:

1. Midship section.
2. Outboard profile.
3. Inboard profile.
4. Arrangement of decks.
5. Lifesaving equipment installation and arrangement.
7. Electrical installation.
8. Fire control plan.
10. Piping systems.
11. Hull penetrations and shell connections.
12. Lines and offsets, curves of form, and capacities of the tanks including size and location on vessel.
13. Masts, including integration into the ship’s structure.
14. Rigging plan showing sail areas and centers of effort as well as the arrangement, dimensions, and connections of the standing rigging.

(b) For vessels less than 65 feet in length, the owner may submit specifications, sketches, photographs, line drawings or written descriptions in lieu of any of the required drawings provided the required information is adequately detailed and acceptable to the Officer in Charge, Marine Inspection.

(c) The Officer in Charge, Marine Inspection, may waive submission of some or all of the structural plans called for by paragraph (a) of this section for an existing vessel with a history of at least 5 years of safe operation, or if the design and construction of the vessel are essentially similar to a vessel which has a proven record of safe operation in similar service upon similar waters.

§ 169.307 Plans for sister vessels.

Plans are not required for any vessel which is a sister ship to a vessel, provided that—

(a) The approved plans for the original vessels are already on file at any Marine Inspection Office;
(b) The owner of the plans authorizes their use for the new construction;
(c) The regulations have not changed since the original plan approval; and