

liquid can collect in these compartments when the boat is in its static floating position.

*Engine room* means the compartment where a permanently installed gasoline or diesel engine is installed, including connected compartments.

*Open to atmosphere* means a compartment that has at least 15 square inches of open area directly exposed to the atmosphere for each cubic foot of net compartment volume.

*Sealed compartment* means an enclosure that can resist an exterior water level of 12 inches without seepage of more than one-quarter fluid ounce per hour.

[CGD 77-145, 43 FR 56858, Dec. 4, 1978, as amended by CGD 82-010, 48 FR 8273, Feb. 28, 1983; CGD 85-098, 52 FR 19728, May 27, 1987; CGD 96-026, 61 FR 33670, June 28, 1996; USCG-1999-5832, 64 FR 34716, June 29, 1999; USCG-1999-5151, 64 FR 67176, Dec. 1, 1999]

**§ 183.112 Flotation material and air chambers.**

(a) Flotation materials must meet the requirements in § 183.114 as listed in Table 183.114 when used in the: (1) Engine room bilge, (2) engine room, or (3) bilge, unless located in a sealed compartment.

(b) Air chambers used to meet the flotation requirements of this subpart must not be integral with the hull.

[CGD 77-145, 43 FR 56859, Dec. 4, 1978; 44 FR 47934, Aug. 16, 1979]

**§ 183.114 Test of flotation materials.**

(a) *Vapor test*. The flotation material must not reduce in buoyant force more than 5 percent after being immersed in a fully saturated gasoline vapor atmosphere for 30 days at a minimum temperature of 38 °C.

(b) *24-hour gasoline test*. The flotation material must not reduce in buoyant force more than 5 percent after being immersed for 24 hours at 23 plus or minus 2 °C in reference fuel B, of ASTM D 471 (incorporated by reference, see § 183.5).

(c) *30-day gasoline test*. The flotation material must not reduce in buoyant force more than 5 percent after being immersed for 30 days at 23 plus or minus 2 °C in reference fuel B, of ASTM D 471 (incorporated by reference, see § 183.5).

(d) *24-hour oil test*. The flotation material must not reduce in buoyant force more than 5 percent after being immersed for 24 hours at 23 plus or minus 2 °C in reference oil No. 2, of ASTM D 471 (incorporated by reference, see § 183.5).

(e) *30-day oil test*. The flotation material must not reduce in buoyant force more than 5 percent after being immersed for 30 days at 23 plus or minus 2 °C in reference oil No. 2, of ASTM D 471 (incorporated by reference, see § 183.5).

(f) *24-hour bilge cleaner test*. The flotation material must not reduce in buoyant force more than 5 percent after being immersed for 24 hours at 23 plus or minus 2 °C in a 5-percent solution of trisodium phosphate in water.

(g) *30-day bilge cleaner test*. The flotation material must not reduce in buoyant force more than 5 percent after being immersed for 30 days at 23 plus or minus 2 °C in a 5-percent solution of trisodium phosphate in water.

(h) The buoyant force reduction in paragraphs (a) through (g) of this section is measured in accordance with ASTM D 2842 (incorporated by reference, see § 183.5).

TABLE 183.114—FLOTATION PERFORMANCE TESTS

Test 183.114	Area 183.110		
	(b) Engine-room bilge	(c) Engine-room unless open to atmosphere	(d) Bilge
(a) Vapor test .....	.....	X	.....
(b) 24 hour gasoline test .....	.....	.....	X
(c) 30 day gasoline test .....	X	.....	.....
(d) 24 hour oil test .....	.....	.....	X
(e) 30 day oil test .....	X	.....	.....
(f) 24 hour bilge cleaner test .....	.....	.....	X
(g) 30 day bilge cleaner test .....	X	.....	.....

[CGD 77-145, 43 FR 56859, Dec. 4, 1978; 44 FR 47934, Aug. 16, 1979, as amended by USCG-2000-7223, 65 FR 40059, June 29, 2000]