

National Marine Manufacturers Association
Product Compliance Specialist Examination
Ladders, Handholds & Rails (12/08)

1. A handhold device provided to aid a person using a ladder to the flying bridge of a boat shall be installed
 - a. on the ladder.
 - b. integral with the ladder.
 - c. on an adjacent structure.
 - d. Any of the above.

2. If a boat is intended for six passengers and its capacity is so marked, then each seating location on the exterior of the boat when it is underway is required to
 - a. have a handhold.
 - b. have a footrest.
 - c. be a Type A seat.
 - d. have clear visibility forward of the bow.

3. A handhold is not required if the seat
 - a. is a Type B seat in accordance with ABYC H-31.
 - b. is at the helm.
 - c. has a footrest.
 - d. Both a. and b.

4. Which of the following must be tested to withstand a 400-pound (182kg) load, in any direction, at any point, along their length without failure such that they can no longer perform their intended purpose?
 - a. A ladder.
 - b. A handhold.
 - c. A coaming.
 - d. Shift and throttle controls.

5. A ladder or steps shall be provided
 - a. in boats over 12 meters in length.
 - b. at a berth.
 - c. at any change in elevation greater than 12 inches at a companionway.
 - d. All of the above.

6. A label warning of propeller proximity shall be affixed in the vicinity of
 - a. the transom reboarding area.
 - b. the engine.
 - c. the tiller.
 - d. Both a. and b.

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7. Maximum spacing between life line stanchions shall be no more than
 - a. 25% of the length of the boat.
 - b. 48 inches (___m).
 - c. 84 inches (2.15m).
 - d. None of the above.

8. The carbon monoxide (CO) warning label shall be affixed
 - a. on all boats.
 - b. at the aft reboarding area on boats with gasoline engines and a swim platform and/or boarding ladder.
 - c. on boats with a swim platform.
 - d. All of the above.

9. A pontoon boat is considered an “open boat” for the purposes of H-41.6.1.
 - a. True.
 - b. False.

10. Boats with a beam greater than 3.6 feet (1.1m), except manually propelled boats, aquatic toys, canoes and kayaks must comply with H-41.
 - a. True.
 - b. False.

11. For the purposes of this standard, a handhold or grab rail can be
 - a. piping or tubing.
 - b. wood.
 - c. plastic.
 - d. Any of the above.

12. If a seat is intended to accommodate three persons, the middle seat
 - a. shall have a grab rail.
 - b. shall have an armrest.
 - c. shall have a footrest.
 - d. None of the above.

13. A lifeline or deck rail must
 - a. be no more than 24” (610mm) above the deck.
 - b. have an intermediate line or rail.
 - c. be no less than 24” (610mm) above the deck.
 - d. have a gate.

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14. Which of the following is not required on boats with weatherdecks intended to be occupied when underway?
- Grab rails.
 - Slip resistant surfaces.
 - Lifelines or deck rails
 - Type B seats.
15. Toerails shall be installed on boats with weatherdecks.
- True.
 - False.
16. Which type of reboarding device does not comply with H-41?
- A telescoping ladder that a person in the water can pull down from the swim platform without any help.
 - Steps on the transom, the top surface of lowest step being no less than 12" (305mm) below the static floating waterline.
 - A portable ladder stowed in a sailboat cockpit locker.
 - All of the above.
17. The outside periphery of weatherdecks, normally intended to be occupied while a boat is underway, shall have
- life rails, deck rails or lifelines.
 - handhold devices or grab rails.
 - stern rails, bow rails or bulwark no less than 24" (610mm) above the deck.
 - At least one or more of the above.
18. When subjected to the 400-pound (182kg) static load test, a lifeline or deck rail system with a gate(s) must be tested
- with the gate(s) in the closed position.
 - with the gate(s) open.
 - as mounted.
 - Both b. and c.
19. Pipe or tubing handholds and grab rails shall have a diameter of no less than
- 1/2" nor more than 2"
 - 3/4" nor more than 1 1/2"
 - 3/4" nor more than 1"
 - None of the above.
20. The minimum closure angle of a pipe or tubing handhold device, as mounted, is
- 90 degrees.
 - 45 degrees.
 - a right angle.
 - No minimum is specified.