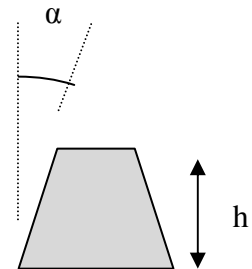


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1. Static Float Position is determined by:
- a. including permanently installed options and fuel
 - b. the attitude the vessel floats in salt water
 - c. including all normal portable and safety gear
 - d. including all permanent equipment, including water, waste, and fuel tanks full

2. The rail to the right has the following dimensions:
h (height) = 1-inch, α (inboard face) = 25° ,
does it meet the requirements for a toe rail under H-41?

- a. Yes
- b. No



3. Pontoon boats are exempt from H-41:

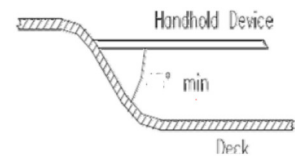
- a. True
- b. False

4. The following meets the requirement for a grab rail or handhold device:

- a. round tubing with a 1-inch diameter
- b. irregular shaped tubing with a circumference of 2.5-inches
- c. round tubing with a 3/4-inch diameter
- d. all of the above

5. The angle on the handhold device (right) shall not be less than:

- a. 45-degrees
- b. 65-degrees
- c. 35-degrees
- d. No requirements as long as it meets the load and torque tests



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6. A handhold is not required if the seat:
- a. is at the helm
 - b. is a Type A seat
 - c. is at the end of a 3 person seat
 - d. Both a & c
7. 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 handhold.
 - b. a lifeline
 - c. a ladder
 - d. both a and b
8. If the structural elevation change to a companionway is great than _____, a ladder or steps should be provided.
- a. 12 inches
 - b. 14.5 inches
 - c. 16 inches
 - d. 19.7 inches
9. Pipe or tubing handholds and grab rails shall have a diameter of no less than:
- a. ½” nor more than 2”
 - b. ¾” nor more than 1 ½”
 - c. ¾” nor more than 1”
 - d. ½”nor more than 1 ½”
10. Ladder rungs and steps shall be:
- a. equidistant
 - b. equidistant within 0.125 inches
 - c. equidistant within 0.25 inches
 - d. equidistant within 0.50 inches

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11. A handhold device provided to aid a person using a ladder to the flying bridge of a boat shall be installed:
- a. with the steps
 - b. with the ladder
 - c. on adjacent structure
 - d. any of the above
12. The strength of the reboarding means must withstand:
- a. downward static load of 350 lbs distributed over 4-inches
 - b. downward static load of 400 lbs distributed over 4-inches
 - c. static load of 350 lbs in any direct at any point
 - d. static load of 400 lbs in any direct at any point
13. The minimum height of a lifeline or deck rail must be:
- a. 18 inches
 - b. 22 inches
 - c. 24 inches
 - d. 26 inches
14. The maximum spacing between lifeline stanchions shall not exceed:
- a. 72 inches
 - b. 82 inches
 - c. 84 inches
 - d. 94 inches
15. A label warning of propeller proximity shall be affixed in the vicinity of:
- a. steering stations and mechanical compartments
 - b. swim and diving platforms
 - c. steering stations and transom reboarding
 - d. owner's manual only

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16. A label warning of CO danger shall be affixed in the vicinity of:
- a. reboarding areas of a gasoline powered vessel, with a swim platform or reboarding ladder
 - b. the steering stations
 - c. label requirements can depend on individual state requirements
 - d. all of the above
17. The following is required to be equipped with a designated handhold device:
- a. a single Type A seat
 - b. a Type B helm seat
 - c. the center position of a Type A seat that accommodates more than 3 persons
 - d. all of the above
18. On a companionway ladder, the step spacing shall not be in excess of :
- a. 12 inches
 - b. 14 inches
 - c. 16 inches
 - d. 19.7 inches
19. A Means of Reboarding can be:
- a. a throwable device, only if it is readily accessible
 - b. a ladder which can be deployed from the cockpit or helm
 - c. a swim platform ladder that extends below the waterline
 - d. all of the above
20. A vessel Underway, as defined under H-41, could be:
- a. a vessel adrift
 - b. a vessel aground
 - c. a vessel anchored
 - d. a vessel secured to a dock