

National Marine Manufacturers Association
Compliance Specialist Exam
Seacocks, Thru-Hull Fittings, and Drain Plugs (2022 MY)
ABYC H-27 (7/14)

1. A seacock assembly shall be mounted so that it can withstand a _____ static force applied for _____ to the inboard end of the assembly, without the assembly failing to stop the ingress of water.
 - a. 400 pounds for one (1) minute
 - b. 400 pounds for 30 seconds
 - c. 500 pounds for 30 seconds
 - d. 500 pounds for one (1) minute

2. The maximum heeled waterline for a powerboat is the level of the water on the hull:
 - a. when the hull is inclined to the point at which water would enter the boat
 - b. when the hull is inclined to the level of sheer at amidships
 - c. when the hull is inclined to 4°
 - d. when the hull is inclined to 7°

3. Threads used in seacock assemblies
 - a. may be different types if minimum thread engagement is achieved
 - b. shall be same type (e.g. NPT to NPT or NPS to NPS)
 - c. shall be coated with a means to seal threads
 - d. Either A or B are permitted

4. A boats "static floating position" includes all of the following except:
 - a. permanently installed factory supplied equipment
 - b. optional equipment such as engine(s), battery(s), seats, fishing towers
 - c. fuel tanks filled to their rated capacity
 - d. number of persons and/or weight of persons posted on the capacity label

5. If space constraints prevent the seacock from being directly connected to the thru-hull fitting
 - a. one non-flexible component may be installed
 - b. one non-flexible component not exceeding 6" in length may be installed
 - c. a flexible hose that is double clamped at each end may be used
 - d. the seacock may be located any distance inboard of the thru-hull fitting as long as it is readily accessible

6. On metal hulled boats, metal thru-hull fittings:
 - a. shall be galvanically compatible with the hull plating
 - b. shall be electrically insulated from the hull plating
 - c. shall be provided with some means to monitor corrosion
 - d. Either A or B are permitted

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7. Which is an incorrect statement regarding boats fitted with a drain plug?
 - a. expandable type drain plugs are only permitted for use on outboard powered boats
 - b. drain plugs are to be installed in what is expected to be the lowest portion of the bilge when the boat is in storage
 - c. attachment of the drain plug body to the hull shall be watertight under normal operating conditions
 - d. drain plugs shall be readily accessible

8. Penetrations through the hull that are not equipped with a seacock
 - a. shall use reinforce piping or hose that resists kinking and collapse
 - b. must be located above maximum heeled waterline
 - c. must be doubled clamped at each end
 - d. all of the above

9. Exceptions for the requirement to install seacocks are:
 - a. Jet and sterndrive propulsion with integral components from intake through the discharge
 - b. Boats that conform to the level flotation requirements of H-8
 - c. Inflatable boats that comply with H-28
 - d. any of the above

10. H-27 requires seacocks to be readily accessible as installed and oriented so that their handles are easy to operate. For the purpose of this standard, readily accessible means:
 - a. capable of being reached quickly and safely for effective use under emergency conditions without the use of tools
 - b. capable of being reached quickly in the event of swamping with simple hand tools
 - c. capable of being shut when boat is left unattended in the water
 - d. capable of being operated routinely whenever boat is underway