

National Marine Manufacturers Association

Compliance Specialist Exam

Inflatable Boats (2021 MY)

ABYC H-28 (7/2016)

1. A type III inflatable boat that uses reinforced materials, following pre-conditioning and air tightness testing, shall not have a pressure drop greater than _____ percent in any chamber.
 - a. 25
 - b. 20
 - c. 15
 - d. 10

2. An inflatable boat has a maximum load capacity of 1500 pounds. When its largest air chamber is deflated, it shall still be capable of supporting at least which the following weights?
 - a. 250 pounds
 - b. 400 pounds
 - c. 500 pounds
 - d. 750 pounds

3. What is the persons capacity for a type IV inflatable boat, with an inboard area of 5.2 square meters, of which 1.25 square meters is a steering console?
 - a. 13 persons
 - b. 12 persons
 - c. 11 persons
 - d. 10 persons

4. A Type II inflatable boat has a maximum capacity of 6 persons. What is the required test load for the static stability test?
 - a. 400 kg
 - b. 450 kg
 - c. 500 kg
 - d. 550 kg

5. A type III inflatable boat has a length of 5 meters and a beam of 1.78 meters. What is its maximum calculated engine power?
 - a. 60 hp
 - b. 70 hp
 - c. 75 hp
 - d. 90 hp

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6. What is the persons capacity for a type II inflatable boat, with an inboard length of 2.75 meters?
 - a. 9 persons
 - b. 8 persons
 - c. 7 persons
 - d. 6 persons

7. An inflatable boat has the following characteristics: total buoyancy of 1.25 cubic meters and weighs 200 kilograms. What is its maximum load capacity?
 - a. 650.8 kilograms
 - b. 724.5 kilograms
 - c. 737.5 kilograms
 - d. 804.5 kilograms

8. A type II inflatable boat has handhold devices located as required by ABYC H-41, *Reboarding Means, Ladders, Handholds, Rails and Lifelines*. For this particular type boat, the handholds shall withstand which of the following loads without failure that they no longer perform their intended purpose?
 - a. 220 lb
 - b. 331 lb
 - c. 400 lb
 - d. 500 lb

9. A type III inflatable boat, by definition, has which of the following engine power rating ranges:
 - a. 6 hp or less
 - b. Greater than 6 hp up to 20 hp
 - c. Greater than 20 hp up to 99.9 hp
 - d. 100 hp or greater

10. ABYC H-28 is intended to cover all types of inflatable boats, inclusive of those powered exclusively by manual means.
 - a. True
 - b. False

11. For inflatables boat of 20 feet and greater in length and which use outboard motors for propulsion, the manufacturer shall determine the maximum power and state is on the power capacity plate.
 - a. True
 - b. False

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12. Type I and II inflatable boats shall have at least ____ separate air chambers, while type III and IV inflatable boats shall have at least ____ separate air chambers.
 - a. One; Two
 - b. Two; Three
 - c. Three; Four
 - d. Four; Five

13. An inflatable boat loaded to the maximum load capacity shall be capable, upon sudden total loss of pressure of any one of its chambers, of being propelled by one of its intended means.
 - a. True
 - b. False

14. Which of the following shall be considered for inclusion in the owners/operator's manual?
 - a. Inflation and assembly sequencing instructions
 - b. Repair instructions
 - c. Proper drying, serving and servicing of the boat
 - d. All of the above

15. ABYC H-28 requires that inflatable boat manufacturers provide which of the following as standard equipment?
 - a. an emergency repair kit, suitable for repairing large extensive punctures and instructions for use
 - b. throwable flotation devices
 - c. none of the above are required to be provided with the boat
 - d. an emergency repair kit, suitable for repairing small punctures of limited extent and instructions for use