



ABYC H-24 July, 2012

Hull Division Standard

**Fuel and Ventilation Systems Project
Technical Committee**

The ABYC Standards and Technical Information Reports for Small Craft are the product of a consensus of representatives of government, industry and public sectors. It is intended solely as a guide to aid manufacturers and the marine community in the design, construction, equipage and maintenance of small craft.

ABYC reviews each standard at least every five years at which time it may be reaffirmed, revised, or withdrawn. ABYC welcomes any written comments on the Standards and Technical Information Reports.

ABYC H-24

GASOLINE FUEL SYSTEMS



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NOTE: Membership on a committee shall not in and of itself constitute an endorsement of ABYC or any document developed by the committee on which the member serves.

This standard was developed under procedures accredited as meeting the criteria for American National Standards. The Project Technical Committee that approved the standard was balanced to ensure that individuals from competent and concerned interests have had an opportunity to participate.

This standard, which is the result of extended and careful consideration of available knowledge and experience on the subject, is intended to provide minimum performance requirements.

ABYC's Project Technical Committee meetings are open to the public. All contact regarding standards activity, interpretations, or meeting attendance should be directed to the ABYC Technical Department at comments@abycinc.org.

ABYC and its committees do not "approve", "certify", or "endorse" any item, construction, or proprietary device.

REQUEST FOR INTERPRETATIONS

Upon written request, the Fuel & Ventilation Systems PTC will render an interpretation of any requirement of the standard. The request for interpretation should be clear and unambiguous. Requests should be presented to the PTC in a manner in which they may be answered in a yes or no fashion.

The committee reserves the right to reconsider any interpretation when or if additional information which might affect it becomes available to the PTC. Persons aggrieved by an interpretation may appeal to the Committee for reinterpretation.

H-24 GASOLINE FUEL SYSTEMS

Table of Contents

24.1	PURPOSE.....	1
24.2	SCOPE.....	1
24.3	REFERENCES.....	1
24.4	DEFINITIONS	3
24.5	REQUIREMENTS - IN GENERAL.....	4
24.6	FLEXIBLE FUEL HOSE.....	5
24.7	PRIMER BULB.....	5
24.8	FUEL LINE SUPPORTS	5
24.9	VALVES	6
24.10	FUEL FILTERS, STRAINERS, AND WATER SEPARATORS.....	6
24.11	INSTALLATION - FUEL TANK	7
24.12	CONNECTIONS - FUEL HOSE.....	8
24.13	FUEL FILL SYSTEMS.....	9
24.14	TANK VENT SYSTEMS.....	10
24.15	FUEL DISTRIBUTION AND RETURN SYSTEMS	11
24.16	FUEL SYSTEM GROUNDING.....	14
24.17	FUEL SYSTEM LABELING	14
24.18	SYSTEM TESTS.....	14
24.19	GASOLINE FUEL TANKS.....	18
	TABLE I - TYPES OF HOSE.....	23
	TABLE II - MATING OF HOSE WITH SPUDS.....	23
	TABLE III - HOSE CLAMP WIDTHS MINIMUM NOMINAL CLAMP BAND WIDTH.....	24
	TABLE IV - METALLIC FUEL TANK MATERIAL AND FABRICATION REQUIREMENTS FOR CORROSION RESISTANCE	24
	TABLE V - TAPERED PIPE THREAD ENGAGEMENT.....	24
	TABLE VI - QUICK REFERENCE SYSTEM PRESSURE	25
	FIGURE 1- ENCLOSURE - BELOW DECK INSTALLATION.....	26
	FIGURE 2 - ENCLOSURE - ABOVE DECK INSTALLATION	26
	FIGURE 3 - FUEL FILL VENT SEPARATION.....	26
	FIGURE 4 - DETERMINING THE TOPMOST TANK SURFACE AND OPENING LOCATIONS.....	27
	FIGURE 5 - DETERMINING THE SYSTEM TEST PRESSURE.....	28
	APPENDIX A - MARINE FUEL SYSTEM COMPONENT FIRE TEST	29
	Origin and Development of H-24, Gasoline Fuel Systems.....	31

H-24 GASOLINE FUEL SYSTEMS

Based on ABYC's assessment of existing technology, promulgated federal regulations and the problems associated with achieving the goals of this standard, ABYC recommends compliance with this standard for all boats, associated equipment, and systems manufactured or installed after July 31, 2013. Federal regulations included in 40 CFR part 1060 may require compliance with parts of this standard before 2013, and additionally may allow relief for compliance to specific requirements after July, 2013.

24.1 PURPOSE

This standard is a guide for the design, choice of materials for, construction, installation, repair, and maintenance of permanently installed gasoline fuel systems.

NOTES:

- 1. Portable Gasoline fuel systems are covered by [ABYC H-25, Portable Gasoline Fuel Systems](#).**
- 2. The United States Coast Guard has promulgated mandatory requirements for gasoline fuel systems in 33 CFR, Subpart J, Sections 183.501 - 183.590. Refer to the CFR for complete, current federal requirements.**
- 3. The Environmental Protection Agency has promulgated regulations regarding the evaporative and diurnal emissions for gasoline spark ignition marine engines and fuel systems in 40 CFR Chapter 1060. Refer to the CFR for complete, current federal requirements.**

24.2 SCOPE

This standard applies to all parts of permanently installed gasoline fuel systems from the fuel fill opening to the point of connection to the propulsion engine and/or to any auxiliary equipment on all boats with gasoline engines, excluding onboard refueling systems.

24.3 REFERENCES

24.3.1 The following publications form a part of this standard. Unless otherwise noted the latest version of referenced standards shall apply.

24.3.1.1 ABYC - American Boat & Yacht Council, Inc., 613 Third St Suite 10, Annapolis, MD 21403. Phone: (410) 990-4460. Fax: (410) 990-4466. Website: www.abycinc.org

[ABYC E-11, AC and DC Electrical Systems on Boats](#)

[ABYC H-2, Ventilation of Boats Using Gasoline](#)

[ABYC H-25, Portable Gasoline Fuel Systems](#)

[ABYC S-8, Boat Measurement and Weight](#)

[ABYC T-5, Safety Signs and Labels](#)

[ABYC T-24, Owner/Operator's Manual](#)