



ABYC H-25 July, 2016

**Hull Division Standard
Fuel & Ventilation 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ABYC reviews each standard at least every five years at which time it may be reaffirmed, revised, or withdrawn.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-25

PORTABLE MARINE GASOLINE FUEL SYSTEMS



FUEL & VENTILATION SYSTEMS PROJECT TECHNICAL COMMITTEE

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This list represents the membership at the time the Committee was balloted for the technical amendment.

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.

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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, 2017.

25.1 PURPOSE

This standard is a guide for the design, construction and stowage of portable tanks with related fuel lines and accessories comprising a portable gasoline fuel system for boats.

25.2 SCOPE

This standard applies to portable gasoline fuel systems of 12 gallons (45.4 L) or less.

NOTES:

1. For ventilation requirements see [ABYC H-2, Ventilation of Boats Using Gasoline](#)
2. If a value for measurement is followed by a value in other units in parentheses, the second value may be only approximate. The first stated value is the requirement.

25.3 REFERENCES

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

24.3.1 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 C-1, Primer Bulbs](#)

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

25.3.2 ASTM - American Society for Testing and Materials, ASTM International, 100 Barr Harbor Drive, P.O. Box C700, West Conshohocken, PA 19428-2959. Phone: (610) 832-9585. Fax: (610) 832-9555. Website: www.astm.org

ASTM D635-81, *Standard Test Method for Rate of Burning and/or Extent and Time of Burning of Self Supporting Plastics in a Horizontal Position*

ASTM D746-79, *Test for Brittleness Temperature of Plastics and Elastomers by Impact*

ASTM D1525-76, *Test for Vicat Softening Point of Plastics*

25.3.3 CFR - Code of Federal Regulations and other government publications. Obtain from the Superintendent of Documents, United States Government Information, PO Box 371954, Pittsburgh, PA 15250-7954. Phone: (202) 512-1800. Fax: (202) 512-2250. Website: www.access.gpo.gov An excerpted edition of the CFR is also available from ABYC, Inc.

40 CFR 1060

40 CFR 1065

25.3.4 UL - Underwriters Laboratories, Inc., 12 Laboratory Drive, PO Box 13995, Research Triangle Park, NC 27709. Phone: (919) 549-1400. Website: www.ul.com

UL 94, *Test for Flammability of Plastic Materials for Parts in Devices and Appliances*. April 28, 1985

25.4 DEFINITIONS

For the purposes of this standard, the following definitions apply.

25.4.1 Equipment Under Test (EUT) - all associated equipment tested to provide methods of compliance with this standard.