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ABYC reviews each standard at least every five years at which time it may be reaffirmed, revised, or withdrawn.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-33

DIESEL FUEL SYSTEMS
This list represents the membership at the time the Committee was balloted.

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, 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, 2016.

33.1 PURPOSE
These standards are guides for the design, choice of materials, construction, installation, repair, and maintenance of permanently installed diesel fuel systems.

33.2 SCOPE
These standards apply to all parts of permanently installed diesel 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 diesel engines.

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

33.3.1 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 E-11, AC and DC Electrical Systems on Boats
ABYC T-5, Safety Signs and Labels

33.3.2 ASTM International – American Society for Testing and Materials International, 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959. Phone: (610) 832-9585. Fax: (610) 832-9555. Website: www.astm.org.
ASTM D471, Standard Test Method for Rubber Property—Effect of Liquids
ASTM B117, Standard Practice for Operating Salt Spray (Fog) Apparatus
ASTM B633, Standard Specification for Electrodeposited Coatings of Zinc on Iron and Steel
ASTM D1622, Apparent Density of Rigid Cellular Plastics

33.3.3 AWS – American Welding Society. 550 N.W. LeJeune Road, Miami, FL 33126. Phone: (800) 443-9353. Website: www.aws.org.

33 CFR 183

33.3.5 ISO – International Organization for Standardization, ISO Central Secretariat, 1 rue de Verambe, 1211 Geneva Switzerland, Phone: +41 22 749 0111. Fax: +41 22 734 0179, Email: central@isocs.iso.ch.
ISO 10088, Small craft - Permanently installed fuel systems and fixed fuel tanks
ISO 21487, Small craft - Permanently installed petrol and diesel fuel tanks

33.3.6 Military Specification (MIL SPEC) - A specification developed by the US Armed Forces. The referenced specifications may be obtained from the Naval Publications and Forms Center, 5801 Tabor Avenue, Philadelphia, PA 19120. Website: http://quicksearch.dla.mil/
Mil P-21929 B, Plastic Material Cellular Polyurethane, Foam in Place, Rigid-1970

33.3.7 SAE - Society of Automotive Engineers - 400 Commonwealth Drive, Warrendale, PA 15096-0001. Phone: (724) 776-4841. Fax: (724) 776-5760. Website: www.sae.org.
SAE J1527, Marine Fuel Hose

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