ABYC C-3 July 2018

Equipment Division Standard
Thermal Appliance 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ABYC reviews each standard at least every five years at which time it may be reaffirmed, revised, or withdrawn.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 C-3

ALCOHOL, KEROSENE, AND SOLIDIFIED FUEL COOKING APPLIANCES FOR MARINE USE

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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 Thermal Appliance 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 the existing technology, and the problems associated with achieving the goals of this standard, ABYC recommends compliance with this standard for all boats and associated equipment manufactured and/or installed after July 31, 2019.

3.1 PURPOSE

This standard applies to the construction and performance characteristics of alcohol, kerosene, and solidified fuel cooking appliances for use on boats, including countertop assemblies, insert surface assemblies, insert ovens, and ranges (surface cooking units and ovens included in the one appliance).

3.2 SCOPE

3.2.1 The requirements in this standard apply to the construction and performance characteristics of solidified fuel cooking appliances for use on boats, including countertop assemblies, insert surface assemblies, insert ovens, and ranges (surface cooking units and ovens included in the one appliance).

3.2.2 Alcohol, kerosene, and solidified fuel cooking appliances covered in this standard are intended for installation in accordance with the applicable standards of the American Boat and Yacht Council; with NFPA 302, Fire Protection Standard for Pleasure and Commercial Motor Craft; and with the Code of Federal Regulations (CFR), Title 33.

3.2.3 Alcohol and kerosene fueled cooking appliances covered in this standard are fueled by gravity feed fuel tanks, and remote and integral fuel tanks that are pressurized.

3.2.4 These requirements do not cover cooking appliances using wood, coal, or charcoal.

3.3 REFERENCES

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

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

3.3.2 ASTM - ASTM International, 100 Barr Harbor Drive, PO Box C700, West Conshohocken, PA 19428-2959. Phone: 610.832.9500. Fax: 610.832.9555. Website: www.astm.org


33 CFR

3.3.4 International Society of Automation, 67 TW Alexander Drive, PO Box 12277, Research Triangle Park, NC 27709. Phone: (919) 549-8411. Fax: (919) 549-8288. Website: www.isa.org

ISA MC96.1-1982, Temperature Measurement Thermocouples

3.3.5 NFPA - National Fire Protection Association, Batterymarch Park, Quincy, MA 02269. Phone: (800) 344-3555. Website: www.nfpa.org

NFPA 302, Fire Protection Standard for Pleasure and Commercial Motor Craft

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