



ABYC A-26 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ABYC reviews each standard at least every five years at which time it may be reaffirmed, revised, or withdrawn.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 A-26

LPG AND CNG FUELED APPLIANCES



THERMAL APPLIANCE PROJECT TECHNICAL COMMITTEE

Robert Newsome, Chair
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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 systems and associated equipment manufactured and/or installed after July 31, 2019.

26.1 PURPOSE

This standard is a guide for the design, construction, installation, and maintenance of LPG and CNG fueled appliances.

26.2 SCOPE

This standard applies to permanently installed LPG and CNG fueled appliances intended for use in enclosed compartments on boats.

EXCEPTIONS:

1. Stoves covered by [ABYC A-3, Galley Stoves](#).
2. Stoves covered by [ABYC A-30, Cooking Appliances with Integral LPG Cylinders](#).

26.3 REFERENCES

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

26.3.1 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

[ABYC A-1, Marine Liquefied Petroleum Gas \(LPG\) Systems](#)
[ABYC A-3, Galley Stoves](#)
[ABYC A-22, Marine Compressed Natural Gas \(CNG\) Systems](#)
[ABYC A-30, Cooking Appliances with Integral LPG Cylinders](#)
[ABYC T-5, Safety Signs and Labels](#)

26.3.2 ANSI - American National Standards Institute, 25 West 43rd Street, 4th Floor, New York, NY 10036. Phone: (212) 642-4900. Fax: (212) 398-0023. Website: www.ansi.org

ANSI Z 21.57 *Recreational Vehicle Cooking Gas Appliances*

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

UL 103 *Chimneys, Factory-built*

26.4 DEFINITIONS

For the purpose of this standard, the following definitions apply:

26.4.1 Accommodation Spaces - spaces designed for living purposes for persons aboard a boat. Examples of specific uses of accommodation spaces include: staterooms, heads (bathrooms), galley, pilothouse, navigation, workshop, and other similar people-oriented spaces. These uses contrast with engine and fuel tank compartments.

26.4.2 Attended Appliance - an appliance that is installed in the cabin of a boat and intended for use when the occupants are in the accommodation space in which the appliance is installed, and that requires frequent attention by an operator, such as cooking stoves and ovens.

26.4.3 Enclosed Compartment - a space or compartment that has less than 15 in² (96 cm²) of net open area directly exposed to the atmosphere for each cubic foot (0.028 m³) of net compartment.