

ABYC Standards Accreditation Course

The three-day Standards Accreditation course will provide the participant with a comprehensive and focused look at the major points from the Standards referenced in this outline. In addition, classroom discussion will address specific compliance issues relevant to engineering staff, installers, compliance inspectors and marine surveyors. In all relevant cases, US Code of Federal Regulation (CFR) compliance will also be discussed. This program will look at the how and why of key Standards, and point out common areas of non-compliance and how to address those issues in both the factory and field environments.

Day One:

- Welcome and introduction
- Explanation of ABYC's role and mission
- Overview of ABYC education programs
- Overview of standards development process

Review of fuel system Standards, gasoline and diesel:

- Standard H-2, Venting of Gasoline Fueled Boats*
- Standard H-24, Gasoline Fuel Systems*
- Standard H-25, Portable Gasoline Fuel Systems*
- Standard H-32, Ventilation of Boats Using Diesel Fuel*
- Standard H-33, Diesel Fuel Systems*

Review of exhaust system Standard:

- Standard P-1, Installation of Exhaust Systems for Propulsion and Auxiliary Engines*

Review of Carbon Monoxide detection Standard:

- Standard A-24, Carbon Monoxide Detection Systems*

Review of Liquefied Petroleum Gas (LPG) and Compressed Natural Gas (CNG) system Standards:

- Standard A-1, Marine LPG systems*
- Standard A-14, Gasoline and Propane Gas Detection Systems*
- Standard A-26, LPG and CNG appliances*

ABYC Standards Accreditation Course, Day Two:

Review of Electrical Standards, AC and DC:

Standard E-9, Direct Current systems on boats
Standard E-8, Alternating Current systems on boats
Standard E-10, Storage Batteries
Standard A-20, Battery Charging Devices
Standard A-25, Power Inverters
Standard A-27, Alternating Current Generator Sets
Standard A-28, Galvanic Isolators
Standard E-2, Cathodic Protection
Standard E-4, Lightning protection

ABYC Standards Accreditation Course, Day Three:

Review of Miscellaneous Standards:

Standard A-4, Fire Fighting Equipment, Fixed and Portable Systems (With emphasis on fixed, automatic systems.)
Standard A-16, Electric Navigation Lights
Standard H-22, Electric Bilge Pump Systems
Standard H-27, Seacocks, Thru-Hull Connections and Drain Plugs
Standard P-24, Electric/Electronic Propulsion Control Systems

Comprehensive 100 - Question Exam Covering All Material