

NFPA Document Proposal Form

NOTE: All Proposals must be received by 5:00 pm EST/EDST on the published Proposal Closing Date.

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Date 6/11/11 Name Donald Raffo Tel. No. 860-433-7007
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Please indicate organization represented (if any) Marine Chemist Association, 306 Committee

1. (a) NFPA Document Title Standard for the Control of Gas Hazards on Vessels NFPA No. & Year 306 - 2009

(b) Section/Paragraph 4.2.1.1 and add new A.4.2.1.1 to the annex

2. Proposal Recommends (check one): new text revised text deleted text

3. Proposal (include proposed new or revised wording, or identification of wording to be deleted): [Note: Proposed text should be in legislative format; i.e., use underscore to denote wording to be inserted (inserted wording) and strike-through to denote wording to be deleted (~~deleted wording~~).]

4.2.1.1* The accuracy and sampling integrity of all instruments used by the Marine Chemist shall be verified before each day's use. ~~by using with a known concentration of test gases in a manner consistent with the manufacturer's recommendations.~~ Calibration of sensors shall be verified using a known concentration of test gas. ~~in a manner consistent with the manufacturer's recommendations.~~

A.4.2.1.1 It is recognized that in limited circumstances the marine chemist may not be able to transport compressed calibration gas. In these limited cases the chemist shall make every attempt to verify the accuracy of their instruments prior to use.

4. Statement of Problem and Substantiation for Proposal: (Note: State the problem that would be resolved by your recommendation; give the specific reason for your Proposal, including copies of tests, research papers, fire experience, etc. If more than 200 words, it may be abstracted for publication.)

Current wording requires a Marine Chemist to use a specific calibration gas even though a different gas may provide a more accurate result when testing for a specific gas. The new wording will permit the Marine Chemist to verify the accuracy of their instruments using a test gas which most closely represents the gasses they will be testing for. The addition of the annex statement allows the chemist to verify their instruments when specific calibration gas is not available.

5. Copyright Assignment

(a) I am the author of the text or other material (such as illustrations, graphs) proposed in the Proposal.

(b) Some or all of the text or other material proposed in this Proposal was not authored by me. Its source is as follows: (please identify which material and provide complete information on its source)

Marine Chemist Association, 306 Committee 41 George Hill Road, Grafton, MA.

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Signature (Required) Donald Raffo

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