

NFPA Document Proposal Form

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

For further information on the standards-making process, please contact the Codes and Standards Administration at 617-984-7249 or visit www.nfpa.org/codes.
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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 4.3.1(4)

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~~).]

4.3.1* ATMOSPHERE SAFE FOR WORKERS requires that in the compartment or space so designated the following criteria shall be met at the time the Certificate is issued:

- (1) *The oxygen content of the atmosphere is at least 19.5 percent and not greater than 22 percent by volume.
- (2) *The concentration of flammable materials is below 10 percent of the lower explosive limit (LEL).
- (3) *Any toxic chemicals in the atmosphere associated with cargo, fuel, tank coatings, inerting mediums, adjacent spaces, or fumigants are within permissible concentrations at the time of the inspection.

Exception: Further testing of toxic materials shall not be required if previous testing indicates that these materials have been eliminated and are not capable of regeneration to hazardous levels while maintained as directed on the Marine Chemist's Certificate.

- (4) *The residues or chemicals remaining in a certified space associated with the work authorized by the Certificate are not capable of producing unacceptable chemical concentrations of toxic materials under existing atmospheric conditions while maintained as directed on the certificate.

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 is unclear. This clarifies that a chemist is ensuring that any remaining residues have been addressed.

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

PLEASE USE SEPARATE FORM FOR EACH PROPOSAL

Mail to: Secretary, Standards Council · National Fire Protection Association
1 Batterymarch Park · Quincy, MA 02169-7471 OR

Fax to: (617) 770-3500 OR Email to: proposals_comments@nfpa.org

11/9/2011