

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, 41 George Hill Road, Grafton, MA.

1. (a) NFPA Document Title Standard for the Control of Gas Hazards on Vessels NFPA No. & Year 306 - 2009
(b) Section/Paragraph 4.3.6 (3)

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~~).]

4.3.6 SAFE FOR LIMITED HOT WORK indicates that all of the following criteria shall be met at the time the Certificate is issued:

- (1) Any compartment or space so designated meets the requirements of 4.3.4(1) and 4.3.4(2) (unless inerted in accordance with 4.3.8).
- (2) The Certificate shall include a statement describing the specific location and type of the hot work. The Marine Chemist shall also be permitted to list any areas to be excluded from hot work. These areas shall be listed on the Certificate under the heading "limitations."
- (3) The space meets one of the following conditions:
 - (a) The space or compartment is inerted in accordance with 4.3.8, ~~adjacent spaces shall be treated in accordance with 4.3.4(4), and the hot work shall be limited to the specific location or locations described in the "limitations" in 4.3.6(2). The marine chemist shall ensure that the atmospheres of adjacent space(s) meet the requirements of sections below in accordance with 4.3.4 (4) or (5), or are inerted.~~
 - (b) The space or compartment meets the requirements of 4.3.4 (1), (2), (3) and adjacent spaces meet 4.3.4 (4) or (5) and the hot work shall not be allowed on ~~adjacent spaces or pipelines, or both as applicable; and The hot work restrictions shall be listed under "limitations" in accordance with 4.3.6(2). The marine chemist shall ensure that the atmospheres of adjacent space(s) are maintained below 10%, of the lower explosive level or are inerted.~~
 - (c) Portions of the space or compartment meet the requirements of 4.3.4(3) and (4) or (5), as well as the applicable portions of 5.1.3, and the hot work shall be limited to the location or locations described in the "limitations" in 4.3.6(2)

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.)

Currently, it is permissible to permit an adjacent space to be certified for hot work with an LEL reading above 10%. This new wording will not permit hot work if an adjacent space has greater than 10% LEL. Additionally, the changes are compatible with proposed changes to Safe for Hot Work.

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

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