

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 2/8/11 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 4.2.2

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~~).]

4.2.2 The Marine Chemist's determinations shall include a visual inspection and tests of the spaces to be certified; and for repair or alterations involving hot work, all adjacent ~~cargo tanks, spaces adjacent to cargo tanks, and other adjacent spaces containing or having contained flammable or combustible cargo, fuels, or oils~~ spaces are treated in accordance with 4.3.4(4) and 4.3.4(5). The determinations also shall include the following:

- (1) The three previous cargo loadings
- (2) Nature and extent of the work
- (3) Starting time and duration of the work
- (4) Tests of cargo and vent lines at manifolds and accessible openings associated with the scope of work on or in the compartments concerned
- (5) Verification that pipelines that could release hazardous materials into spaces that will be certified ATMOSPHERE SAFE FOR WORKERS or SAFE FOR HOT WORK are either disconnected, blanked off, or otherwise blocked by a positive method, or the valves are positioned and tagged in such a manner to prevent, or by written notice restrict, operation
- (6) Tests of cargo heating coils

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.)

These changes modify two sets of directions. Wording in the initial paragraph clarifies the intent that all adjacent spaces to hot work must be inspected to meet 4.3.4 (4) and (5). Secondly, only cargo and vent lines associated with the scope of work must be inspected, not all cargo and vent lines. This change is consistent with the new proposal to revise section 4.3.4.

5. Copyright Assignment

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(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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