

NFPA Technical Committee Document Proposal Form - TIA

NOTE: All Proposals Must Be Received By 5:00 P.M. 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

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Please indicate in which format you wish to receive your ROP/ROC electronic paper download
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Date 7/17/06 Name Hank Seiff Tel. No. 703-534-6151

Company Clean Vehicle Education Foundation

Street Address 6812 Haycock Road City Falls Church State VA Zip 22043

Please Indicate Organization Represented (if any) CSA NGV2 Technical Advisory Group

1. a) NFPA Document Title Vehicular Fuel Systems Code NFPA No. & Year NFPA 52 - 2006

b) Section/Paragraph 7.2.1

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~~).

Vehicles, receptacles, and fuel supply containers for use with hydrogen shall comply with SAE J2578, Recommended Practice for General Fuel Cell Safety, SAE J2600, Compressed Hydrogen Surface Refuelling Connection Devices, and ANSI/CSA/IAS NGV2, Basic Requirements for Compressed Natural Gas Vehicle (NGV) Fuel Containers with container manufacturer certification of acceptability for use with hydrogen.

4. Statement of Problem and Substantiation for Proposal: (Note: State the problem that will 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.) _____

When IAS became part of CSA, the designation of the standard (2000 version) changed.

NGV2 (CNG Containers) alone is not an applicable standard for hydrogen fuel containers. HGV2, which is presently being drafted, will be an applicable standard. NGV2 says (§1.1) that containers meeting the standard are "...intended only for the storage of compressed natural gas..." However we are aware that NGV2 specifications are being used as a baseline for compressed hydrogen containers, with appropriate additional requirements to ensure safety for hydrogen use. We request this TIA to make it clear that, in addition to meeting NGV2 requirements, "container manufacturer certification of acceptability for use with hydrogen" is required to assure container safety. When HGV2 is completed, it will be appropriate to reference it, rather than NGV2. This TIA is essential to ensure the safety of compressed hydrogen containers.

5. This Proposal is original material. (Note: Original material is considered to be the submitter's own idea based on or as a result of his/her own experience, thought, or research ad, to the best of his/her knowledge, is not copied from another source.)

This Proposal is not original material, its source (if known) is as follows: _____

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Mail to: Secretary, Standards Council, National Fire Protection Association
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