



COMMITTEE DRAFT ISO/CD 26142	
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<p>ISO/TC 197</p> <p>Title: Hydrogen technologies</p> <p>Secretariat Ms. Sylvie Gingras Bureau de normalisation du Québec 333, rue Franquet Sainte-Foy (Québec) CANADA G1P 4C7</p> <p>Tel: + 1 418 652 2238 (ext. 2655) Fax: + 1 418 652 2292 E-mail: sylvie.gingras@bnq.qc.ca</p>

<p>Circulated to P- and O-members, and to technical committees and organizations in liaison for:</p> <p><input type="checkbox"/> discussion at _____ on _____ [venue/date of meeting]</p> <p><input checked="" type="checkbox"/> comments by 2007-05-08</p> <p><input type="checkbox"/> approval for registration as a DIS in accordance with 2.5.6 of part 1 of the ISO/IEC Directives, by:</p> <p>(P-members vote only: ballot form attached)</p> <p>P-members of the technical committee or subcommittee concerned have an obligation to vote.</p>

English title

Hydrogen detection apparatus

French title

Appareil de détection d'hydrogène

Reference language version: English French Russian

Introductory note

This committee draft is circulated for comments until **8 May 2007** with the purpose of reaching consensus on the technical content of the document. National member bodies should therefore carefully study the text and submit all pertinent comments at this stage. Please use the attached template for the submission of your comments.

Please note that ISO/TC 197 WG 13 is requesting a change in title and in scope (see the explanations provided by the convener in the attached Annex 1). These changes will have to be approved by the technical committee at the plenary meeting.

Should you have any questions, please do not hesitate to contact us.

November 22, 2006

Mr. Randy Dey
Chairman
Technical Committee 197 Hydrogen Technologies
International Organization for Standardization (ISO)

RE: First CD for ISO TC197 WG13

Dear Mr. Dey,

Please find attached our first CD, ISO CD26142 for WG13 Hydrogen Detectors.

Please note the following two changes for which the working group seeks approval of the technical committee:

1. Title

The title has been changed to “Hydrogen Detection Apparatus,” which is highlighted in red.

The change was prompted by the fact that there is confusion in the usage of “detection system,” “detector,” “sensor,” and “sensing element” as well as other similar words and expressions related to the detection and sensing of hydrogen concentrations. The change represents our effort to describe the products that are the subject of this document comprehensively, and more complete definitions are respectively provided for related words used in the document to assist in the elimination of any misunderstanding. The working group believes that the new title is a more precise and neutral reflection of the product category that the document intends to cover. The change also avoids unnecessary confusion with the existing IEC standards on the wording.

2. Scope

The phrase “multiple safety operations” in the originally approved scope has been changed to “single and/or multiple safety operations” in this CD. The change is highlighted in red.

The standard needs to cover a broad range of anticipated ways detection apparatus that will be used by hydrogen station operators. Each hydrogen station likely requires a number of alarms, some of which are for single safety operation and others, for multilevel safety operations, making this document with the original scope insufficient to cover the entire operation of hydrogen stations. In addition, any apparatus capable of multi-level operations is naturally able to provide single-level operations, since the “multiple operation” means a collection of single point operations. The insertion of “single” was a logical decision requiring no changes in the other parts of the document except in the introduction; the entire text remains identical to the one before this change in the scope including the detection range of hydrogen concentrations.

We hereby request the technical committee to consider these changes and hopefully come to a favorable conclusion.

Yours sincerely,

Ichiro Matsubara
Convener
ISO TC197 WG13

Attachment