



NEW WORK ITEM PROPOSAL	
Date of presentation 2004/05/11	Reference number (to be given by the Secretariat)
Proposer TC22/SC21/WG1	ISO/TC 22 N 2504
Secretariat FAKRA	

A proposal for a new work item within the scope of an existing committee shall be submitted to the secretariat of that committee with a copy to the Central Secretariat and, in the case of a subcommittee, a copy to the secretariat of the parent technical committee. Proposals not within the scope of an existing committee shall be submitted to the secretariat of the ISO Technical Management Board.

The proposer of a new work item may be a member body of ISO, the secretariat itself, another technical committee or subcommittee, or organization in liaison, the Technical Management Board or one of the advisory groups, or the Secretary-General.

The proposal will be circulated to the P-members of the technical committee or subcommittee for voting, and to the O-members for information.

See overleaf for guidance on when to use this form.

IMPORTANT NOTE: Proposals without adequate justification risk rejection or referral to originator.

Guidelines for proposing and justifying a new work item are given overleaf.

Proposal (to be completed by the proposer)

Title of proposal (in the case of an amendment, revision or a new part of an existing document, show the reference number and current title)	
English title	Fuel cell road vehicles - Safety specifications - Part 1: Vehicle functional safety - Part 2: Protection against hydrogen hazards for vehicles fuelled with compressed hydrogen - Part 3: Protection of persons against electric shock
French title (if available)	Véhicules routiers alimentés par piles à combustibles - Spécifications de sécurité - Partie 1 : Sécurité fonctionnelle du véhicule - Partie 2 : Protection contre les dangers de l'hydrogène pour les véhicules utilisant de l'hydrogène comprimé - Partie 3 : Protection des personnes contre les décharges électriques
Scope of proposed project	
Requirements for the protection of persons and the environment of the vehicles against the specific hazards of fuel cell powered vehicles, caused by the operational characteristics of the propulsion system, containing a fuel cell system and an electric drive, and the use of hydrogen and hazardous voltage.	
Concerns known patented items (see ISO/IEC Directives Part 1 for important guidance)	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes", provide full information as annex	
Envisaged publication type (indicate one of the following, if possible)	
<input checked="" type="checkbox"/> International Standard <input type="checkbox"/> Technical Specification <input type="checkbox"/> Publicly Available Specification <input type="checkbox"/> Technical Report	
Purpose and justification (attach a separate page as annex, if necessary)	
To establish the essential and basic requirements for the protection of persons who will be operating road vehicles, currently under development, with fuel cell systems to generate the electric power for an electric drive. This implies the use of hydrogen, possibly under high pressure and the use of hazardous voltage, bearing electric shock hazards. Also the protection of the environment of the vehicles is covered in the scope.	
Target date for availability (date by which publication is considered to be necessary) 12-2006	
Relevant documents to be considered	
none	
Relationship of project to activities of other international bodies	
Liaison organizations	Need for coordination with:
none	<input type="checkbox"/> IEC <input type="checkbox"/> CEN <input type="checkbox"/> Other (please specify)

<p>Preparatory work (at a minimum an outline should be included with the proposal)</p> <p><input checked="" type="checkbox"/> A draft is attached <input type="checkbox"/> An outline is attached. It is possible to supply a draft by</p> <p>The proposer or the proposer's organization is prepared to undertake the preparatory work required <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	
<p>Proposed Project Leader (name and address)</p> <p>Dr. K. Orchowski (Chairman TC22SC21/WG1) Alemannenstr. 27/1 71272 Renningen / Germany E-Mail: klaus.orchowski@t-online.de</p>	<p>Name and signature of the Proposer (include contact information)</p> <p>DIN/FAKRA Fritzsche, Egbert E-Mail: fritzsche@vda.de</p>
<p>Comments of the TC or SC Secretariat</p> <p>Supplementary information relating to the proposal</p> <p><input checked="" type="checkbox"/> This proposal relates to a new ISO document;</p> <p><input type="checkbox"/> This proposal relates to the amendment/revision of an existing ISO document;</p> <p><input type="checkbox"/> This proposal relates to the adoption as an active project of an item currently registered as a Preliminary Work Item;</p> <p><input type="checkbox"/> This proposal relates to the re-establishment of a cancelled project as an active project.</p> <p>Other:</p> <p>Voting information</p> <p>The ballot associated with this proposal comprises a vote on:</p> <p><input type="checkbox"/> Adoption of the proposal as a new project</p> <p><input type="checkbox"/> Adoption of the associated draft as a committee draft (CD) (see ISO Form 5, question 3.3.1)</p> <p><input checked="" type="checkbox"/> Adoption of the associated draft for submission for the enquiry vote (DIS or equivalent) (see ISO Form 5, question 3.3.2)</p> <p>Other:</p>	

Annex(es) are included with this proposal (give details)

Date of circulation	Closing date for voting	Signature of the TC or SC Secretary
2004/05/27	2004/08/27	Françoise POVEDA

Use this form to propose:

- a) a new ISO document (including a new part to an existing document), or the amendment/revision of an existing ISO document;
- b) the establishment as an active project of a preliminary work item, or the re-establishment of a cancelled project;
- c) the change in the type of an existing document, e.g. conversion of a Technical Specification into an International Standard.

This form is not intended for use to propose an action following a systematic review - use ISO Form 21 for that purpose.

Proposals for correction (i.e. proposals for a Technical Corrigendum) should be submitted in writing directly to the secretariat concerned.

Guidelines on the completion of a proposal for a new work item

(see also the ISO/IEC Directives Part 1)

- a) **Title:** Indicate the subject of the proposed new work item.
- b) **Scope:** Give a clear indication of the coverage of the proposed new work item. Indicate, for example, if this is a proposal for a new document, or a proposed change (amendment/revision). It is often helpful to indicate what is not covered (exclusions).
- c) **Envisaged publication type:** Details of the types of ISO deliverable available are given in the ISO/IEC Directives, Part 1 and/or the associated ISO Supplement.
- d) **Purpose and justification:** Give details based on a critical study of the following elements wherever practicable. *Wherever possible reference should be made to information contained in the related TC Business Plan.*
 - 1) The specific aims and reason for the standardization activity, with particular emphasis on the aspects of standardization to be covered, the problems it is expected to solve or the difficulties it is intended to overcome.
 - 2) The main interests that might benefit from or be affected by the activity, such as industry, consumers, trade, governments, distributors.
 - 3) Feasibility of the activity: Are there factors that could hinder the successful establishment or general application of the standard?
 - 4) Timeliness of the standard to be produced: Is the technology reasonably stabilized? If not, how much time is likely to be available before advances in technology may render the proposed standard outdated? Is the proposed standard required as a basis for the future development of the technology in question?
 - 5) Urgency of the activity, considering the needs of other fields or organizations. Indicate target date and, when a series of standards is proposed, suggest priorities.
 - 6) The benefits to be gained by the implementation of the proposed standard; alternatively, the loss or disadvantage(s) if no standard is established within a reasonable time. Data such as product volume or value of trade should be included and quantified.

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7) If the standardization activity is, or is likely to be, the subject of regulations or to require the harmonization of existing regulations, this should be indicated.

If a series of new work items is proposed having a common purpose and justification, a common proposal may be drafted including all elements to be clarified and enumerating the titles and scopes of each individual item.

e) Relevant documents: List any known relevant documents (such as standards and regulations), regardless of their source. When the proposer considers that an existing well-established document may be acceptable as a standard (with or without amendment), indicate this with appropriate justification and attach a copy to the proposal.

f) Cooperation and liaison: List relevant organizations or bodies with which cooperation and liaison should exist.