

**RESULT OF VOTING ON NEW WORK ITEM PROPOSAL**

Date 2013-10-29	ISO/TC 197	N 611
Title of TC/SC concerned Hydrogen technologies		

To be completed by the secretariat and sent to the ISO Central Secretariat and to all P- and O-members of the TC or SC concerned, with a copy to the TC secretariat in the case of a subcommittee.

Proposal	ISO/TC 197	N 599	Circulation 2013-08-06	Deadline 2013-10-08
Title (new title if appropriate)				
English title	Gaseous hydrogen -- Fueling stations -- Hoses			
French title (Optional)	Titre manque			

Results (the compilation of results is given as an annex)
The following criteria for acceptance have been met:
<input checked="" type="checkbox"/> Approval by a simple majority of the voting P-members; and a commitment to participate actively in the development of the project by at least 4 P-members in committees with 16 or less P-members and at least 5 P-members in committees with 17 or more P-members (rf ISO/IEC Directives, Part 1 clause 2.3.5) and have nominated an expert

In the light of results, the proposal is therefore:
<input checked="" type="checkbox"/> Approved (all approval criteria met) and the project will be registered:
<input checked="" type="checkbox"/> as new project in the committee's work programme (stage 20.00)
<input type="checkbox"/> as a Working Draft (WD – stage 20.20)
<input type="checkbox"/> as a Committee Draft (CD – stage 30.00)
<input type="checkbox"/> as a Draft International Standard (DIS – stage 40.00)
<input type="checkbox"/> Disapproved (one or more approval criteria not met)
(note that if no option is selected, the default will be abandoned)
<input type="checkbox"/> The draft will be registered as a preliminary work item (stage 00.60)
<input type="checkbox"/> Abandoned.

Proposed project leader : Peter Ehlers (peter.ehlers@csagroup.org) will be the convener of the new WG for this project.

List of participating experts (give details below, or as a separate annex)
Please see expert list as separate annex.

Relevant documents (give details below, or as a separate annex)

Proposed development track	<input checked="" type="checkbox"/> 1 (24 months)	<input type="checkbox"/> 2 (36 months - default)	<input type="checkbox"/> 3 (48 months)
<i>Note: Selection of a development track will automatically associate default target dates with critical stages. If you envisage that you can advance a project quicker than the default target dates you may indicate your preferred earlier target dates in the field "Target date for submission". Important! Quoting earlier target dates implies a commitment to meeting these dates If you do not want to change the defaults to earlier dates do not put anything in the "Target date for submission" fields.</i>			

Secretariat	Secretary
SCC	Ferrero, Jim Mr.

Registration by the Central Secretariat	
Date	Allocated project number
2013-10-29	ISO/NP 19390

Report of voting

Ballot Information

Ballot reference	N599 NWIP from U.S. for Fueling station hoses
Ballot type	NP
Ballot title	Gaseous hydrogen -- Fueling stations -- Hoses
Opening date	2013-08-06
Closing date	2013-10-06
Note	

Member responses - Votes by members

Country (Member body)	Status*	1a. Agree to add to work programme							Market relevance	1b.Stakeholders consultation		2. Relevant documents		3. Comments		4. Participation	
		Yes				No		Abs		Yes	No	Yes	No	Yes	No	Yes	No
		20.00	20.20	30.00	40.00	PWI: Yes	PWI: No										
Argentina (IRAM)	P	X							X	X			X		X	X	
Brazil (ABNT)	P							X			X		X		X		X
Canada (SCC)	S	X							X	X			X		X	X	
Denmark (DS)	P							X		X			X		X		X
Egypt (EOS)	P	X							X		X		X		X		X
France (AFNOR)	P						X		X	X			X		X		X
India (BIS)	P	X							X	X			X		X	X	
Japan (JISC)	P	X							X	X			X		X	X	
Korea, Republic of (KATS)	P	X							X	X			X		X		X
Netherlands (NEN)	P							X			X		X		X		X
Norway (SN)	P							X		X			X		X		X
Russian Federation (GOST R)	P				X				X	X			X		X	X	
Spain (AENOR)	P							X		X			X		X		X
Sweden (SIS)	P	X							X	X			X		X		X
United Kingdom (BSI)	P	X							X	X			X		X	X	
United States (ANSI)	P	X							X	X		X			X	X	
Sub-Total Question 1a		9	0	0	1	0	1	5									
Totals		10				1		5	11	13	3	1	15	0	16	7	9

Member responses - Votes not cast (3)

China (SAC)

Germany (DIN)

Italy (UNI)

Comments from voters		
Member	Comment	Date
Argentina (IRAM) Santella, Mabel Mrs	<p>Comment to Q.1: This standard is required in order to allow the development of the hydrogen industry, in continuing the restructuring of the work initiated by the new TC leadership</p> <p>Comment to Q.7: Diego Goldin (Mr.) - diegogoldin@arnetbiz.com.ar Natalia Drault (Mrs.) - ndrault@iram.org.ar</p>	2013-10-04
Canada (SCC) Grant, Ginette Ms.	<p>Comment to Q.1: Canada agrees with this and all of the component NWIPs that were discussed at the last TC 197 meeting in Montreal last February.</p> <p>Comment to Q.7: Livio Gambone - Email: livio.gambone@powertechlabs.com</p>	2013-10-07
Egypt (EOS) Safe, Maha Eng.	<p>Comment to Q.1: Dear Sir , Since The purpose of the proposed standard is to promote the implementation of performance based testing for components of dispensing systems and fueling stations that are based on proven engineering principles, research and the combined expertise of gas utilities, fuel providers, manufacturers, users, and others having specialized experience. The successful commercialization of hydrogen vehicle technologies requires codes and standards pertaining to fuelingstations, vehicle fuel system components, and the global homologation of standards requirements for technologies with thesame end use. Essentially this will allow manufacturers to achieve economies of scale by producing one product for use globally. Industry has stated there are no international standards addressing safety requirements for hydrogen vehicle fueling technologies. International harmonization contributes to reducing technical barriers and stimulates related markets. The development of a suite of standards that address hydrogen gas vehicles and fueling stations is required. These standards will provide internationally homologized minimum safety performance criteria at the component level, thus providing a foundation to build a safe “fueling system.” This proposed standard relates to gaseous hydrogen hose and hose assemblies: a) for connecting the dispenser to the fueling nozzle; b) used as vent lines which carry gas to a safe location; and c) flexible hoses for use in other locations where flexibility is necessary, such as but not limited to, the outlet connection from the compressor to the storage tanks, mobile fueling applications in place of rigid tubing, and between the stages of the compressor pump. A lack of internationally harmonized standards will further delay the successful commercialization of compressed hydrogen as a vehicle fuel. This meets our requirements also . Thank you</p>	2013-10-02
France (AFNOR) Pillard, Valérie Mme	<p>Comment to Q.1: We recommend not to split the fuelling stations into too many specific standards, and we would prefer in priority a global approach as a first step. There is no urgent need for such a detailed standard. Availability of experts will be limited in case of too many on-going WGs.</p>	2013-10-04

Comments from voters		
Member	Comment	Date
India (BIS) Jha, R.K Dr	<p>Comment to Q.1: The NWIP is approved.</p> <p>Comment to Q.7: Dr S S Thipse (E-mail: thipse.edl@araiindia.com)</p>	2013-09-27
Japan (JISC) Miyashita, Osamu Mr	<p>Comment to Q.1: We (Japan) approve this NWIP.</p> <p>Comment to Q.7: Formal experts are to be nominated later. Tentative experts are as follows; 1. Mr. Susumu HATANAKA email: s.hatanaka@mta.yrc.co.jp 2. Mr. Kazuo KOSEKI email: koseki@fcdic.jp 3. Mr. Osamu MIYASHITA email: miyashita@ena.or.jp</p>	2013-09-20
Korea, Republic of (KATS) Lee, Yeon Berm	<p>Comment to Q.1: KATS approves on this NWIP because of its market relevance.</p>	2013-09-03
Russian Federation (GOST R) Ramenskiy, Alexandr Mr.	<p>Comment to Q.1: No commentc</p> <p>Comment to Q.7: No comments</p>	2013-08-07
Sweden (SIS) Koningen, Annika Ms	<p>Comment to Q.1: It is for both safety and market reasons important to have this standard</p>	2013-09-26
United Kingdom (BSI) Duncombe, Charlie Mr.	<p>Comment to Q.1: The purpose of the proposed standard is to promote the implementation of performance based testing for components of dispensing systems and fueling stations that are based on proven engineering principles, research and the combined expertise of gas utilities, fuel providers, manufacturers, users, and others having specialized experience. The successful commercialization of hydrogen vehicle technologies requires codes and standards pertaining to fueling stations, vehicle fuel system components, and the global homologation of standards requirements for technologies with the same end use. Essentially this will allow manufacturers to achieve economies of scale by producing one product for use globally. Industry has stated there are no international standards addressing safety requirements for hydrogen vehicle fueling technologies. International harmonization contributes to reducing technical barriers and stimulates related markets. The development of a suite of standards that address hydrogen gas vehicles and fueling stations is required. These standards will provide internationally homologized minimum safety performance criteria at the component level, thus providing a foundation to build a safe “fueling system.” This proposed standard relates to gaseous hydrogen hose and hose assemblies: a) for connecting the dispenser to the fueling nozzle; b) used as vent lines which carry gas to a safe location; and c) flexible hoses for use in other locations where flexibility is necessary, such as but not limited to, the outlet connection from the compressor to the storage tanks, mobile fueling applications in place of rigid tubing, and between the stages of the compressor pump. A lack of internationally harmonized standards will further delay the successful</p>	2013-09-27

Comments from voters

Member	Comment	Date
United Kingdom (BSI) Duncombe, Charlie Mr.	<p>commercialization of compressed hydrogen as a vehicle fuel.</p> <p>Comment to Q.7: Mr David Murphy - UK Expert Aeroflex Hose and Engineering Ltd, Winchester House, 11 Enterprise Way, Aviation Park West, Bournemouth Airport, Dorset, BH23 6EW. Landline : +44 (0)1202 895 660 Telefax : +44 (0)1202 891 177 Email : d.murphy@aeroflex.co.uk Mr C Duncombe - Observer</p>	2013-09-27
United States (ANSI) Team, ANSI ISO	<p>Comment to Q.1: As there currently are no international standards to cover hydrodgen dispensing system hoses, this work would fill a gap. Hoses are used globally at filling stations and therefore require a global standard.</p> <p>Comment to Q.5: CSA HGV 4.2, Standard for Hoses for compressed hydrogen fuel stations, dispensers and vehicle fuel systems; CSA HGV 4.4, Standard for Breakaway devices for compressed hydrogen dispensing hoses and systems</p> <p>Comment to Q.7: Larry Moulthrop, Proton OnSite, lmoulthrop@protononsite.com</p>	2013-10-01

Comments from commenters

Member	Comment	Date
Jamaica (BSJ) Williams, Ester Ms.	Jamaica abstains.	2013-10-04
Sri Lanka (SLSI) Sirikumara, Jayantha Mr	Sri lanka agree to this move	2013-09-24

Comments from commenters		
Member	Comment	Date
Switzerland (SNV) Achnich, Andreas Mr.	no answer from the national experts	2013-10-03