



# Form 6: Result of voting on New Work Item Proposal

Date: 2015-10-14	ISO/TC 197
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.

**Please attach the results of the NWIP ballot from CIB to this form**

ISO/TC 197	Circulation	Deadline
N697	2015-07-22	2015-10-02

<b>Results (the compilation of results is given as an annex)</b>
The following criteria for acceptance have been met: <input checked="" type="checkbox"/> Approval by a simple majority of the voting P-members; and <input checked="" type="checkbox"/> 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 <input checked="" type="checkbox"/> Justification statements have been checked (all positive or negative votes must be accompanied by a statement justifying the decision, or they shall not be counted. See ISO/IEC Directives Part 1, clause 2.3.4)

**In light of results, the proposal is therefore:**

Approved (all approval criteria met) and the project will be registered:

- as new project in the committee's work programme (stage 20.00)
- as a Working Draft (WD – stage 20.20)
- as a Committee Draft (CD – stage 30.00)
- as a Draft International Standard (DIS – stage 40.00)

Disapproved (one or more approval criteria not met)

(note that if no option is selected, the default will be abandoned)

- The draft will be registered as a preliminary work item ( stage 00.60)
- Abandoned.

**Proposed project leader:**

Tomioka, Hidenori Mr  
(htomioka@jari.or.jp)

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**This proposal will be developed by:**

- An existing Working Group
- A new Working Group (title: Gaseous hydrogen fueling stations fuel quality control)

Note: establishment of a new WG must be approved by committee resolution

- The TC/SC directly
- To be determined

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**List of participating experts**

Please see expert list as separate annex.

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**Relevant documents**

N698, N699 and N700 were also taken into consideration for the vote on this NWIP.

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**Proposed development track**

1 (24 months)       2 (36 months - default)       3 (48 months)

*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.*

<b>Secretariat</b> SCC	<b>Secretary</b> Ferrero, Jim Mr	<b>Registration by the ISO Central Secretariat</b> Date: 2015-10-14 Allocated project number: ISO/NP 19880-8
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Other information, comments, etc. appended

The formation of a new WG and the convenor were approved at the same time as the NWIP.

#### Annex - Nominated Experts

Member Body	Expert
Canada (SCC)	Tommy Cheng (Tommy.Cheng@ballard.com)
China (SAC)	Prof. ZHANG Cunman Tongji University zhangcunman@tongji.edu.cn
France (AFNOR)	Martine Carre from AIR LIQUIDE : martine.carre@airliquide.com
Germany (DIN)	Experts to be nominated later
Japan (JISC)	NAKATA, Keiichi: <keiichi_nakata@mail.toyota.co.jp>; MASUMOTO, Shigeki <shigeki.masumoto@airliquide.com>; KANEKO, Shoichi: <sh-kaneko@hysut.or.jp>; TATEISHI, Daisaku: <daisaku.tateishi@noe.jx-group.co.jp>; MIYASHITA, Osamu<miyashita@ena.or.jp
Netherlands (NEN)	Expert: Alice Elliott
United Kingdom (BSI)	Dr Nick Hart - UK Expert Mr C Duncombe - UK Observer
United States (ANSI)	Mr. Glenn W. Scheffler, gwssol@aol.com, Industry and commerce Mr. Spencer Quong, squong@squong.com, Industry and commerce

# Report of voting

## Ballot Information

<b>Ballot reference</b>	NWIP from Japan for ISO 19880-8
<b>Ballot type</b>	NP
<b>Ballot title</b>	ISO 19880-8
<b>Opening date</b>	2015-07-22
<b>Closing date</b>	2015-09-30
<b>Note</b>	If this NWIP is approved by ISO/TC 197, it will bring about the creation of a new WG with Hidenori Tomioka appointed as the convener for a three year period.
<b>Vienna agreement</b>	ISO lead

## 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	
Brazil (ABNT)	P						X				X				X			X	
Canada (SCC)	S	X						X							X				
China (SAC)	P	X						X							X			X	
Czech Republic (UNIMZ)	P						X								X			X	
Denmark (DS)	P	X							X						X			X	
Egypt (EOS)	P						X								X			X	
France (AFNOR)	P	X							X						X				
Germany (DIN)	P	X							X						X			X	
India (BIS)	P	X							X						X			X	
Italy (UNI)	P						X								X			X	
Japan (JISC)	P			X					X						X				
Korea, Republic of (KATS)	P	X							X						X			X	
Netherlands (NEN)	P	X							X						X			X	
New Zealand (SNZ)	P						X								X			X	
Norway (SN)	P						X								X			X	
Russian Federation (GOST R)	P						X								X			X	
Spain (AENOR)	P						X								X			X	
Sweden (SIS)	P						X								X			X	
<b>Sub-Total Question 1a</b>		8	0	1	0	0	0	0	0	10	9	15	4	0	19	2	17	6	13
<b>Totals</b>											9	15	4	0	19	2	17	6	13

## 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			Yes	No	Yes	No	Yes	No	Yes	No		
		20.00	20.20	30.00	40.00	PWI: Yes	PWI: No									Abs	
United Kingdom (BSI)	P		X					X				X					
United States (ANSI)	P	X						X			X				X		
Sub-Total Question 1a		9	1	1	0	0	0	10	11	17	4	1	20	3	18	8	13
<b>Totals</b>		<b>11</b>			<b>0</b>			<b>10</b>	<b>11</b>	<b>17</b>	<b>4</b>	<b>1</b>	<b>20</b>	<b>3</b>	<b>18</b>	<b>8</b>	<b>13</b>

## Member responses - Votes not cast (0)

Member	Comment	Date
<b>Canada (SCC)</b> Geraghty, Christine Mrs	<p><b>Comment to Q.1:</b> Especially with the drive to lower catalyst loading, it is Paramount to have up-to-date hydrogen specifications and to be able to ensure that the specification is met at the fueling station.</p> <p><b>Comment to Q.7:</b> Tommy Cheng (Tommy.Cheng@ballard.com)</p>	2015-09-23
<b>China (SAC)</b> Wang, Geng	<p><b>Comment to Q.1:</b> This NWIP aims to propose reasonable and affordable methods and procedures for hydrogen quality control at hydrogen distribution facilities in order to comply hydrogen quality required by ISO 14687-2 for permeating commercialized FCVs and hydrogen infrastructure in the market. There is corresponding standard according to ISO 14687-2 in China, however, for the station use, it is necessary to have a new standard according to the quality control with the hydrogen gas as well. Above two standards are based on different view points to keep the station running safe.</p> <p><b>Comment to Q.7:</b> Prof. ZHANG Cunman Tongji University zhangcunman@tongji.edu.cn</p>	2015-09-29
<b>Denmark (DS)</b> Velk, Per Mr	<p><b>Comment to Q.1:</b> It's important that awareness of a more practical method for analyzing hydrogen fueling stations quality control in order for operators to use it.</p> <p><b>See linked comment file:</b> <a href="#">NWIP from Japan for ISO 19880-8 AFNOR.doc</a> (access restricted to ballot audience)</p>	2015-09-30
<b>France (AFNOR)</b> Solbes, Frédéric M.	<p><b>Comment to Q.1:</b> This NWIP is important for French industry.</p> <p><b>Comment to Q.7:</b> Martine Carre from AIR LIQUIDE : martine.carre@airliquide.com</p>	2015-10-01
<b>Germany (DIN)</b> Klaas, Uwe Mr	<p><b>Comment to Q.1:</b> Following the discussion in ISO/TC 24, and given the cooperation with EIGA in this issue, The German mirror committee, DIN NA 032-03-06 "Wasserstofftechnologie" decided to support this work item proposal.</p>	2015-09-30

Comments from voters		
Member	Comment	Date
Germany (DIN) Klaas, Uwe Mr	<b>Comment to Q.7:</b> Experts to be nominated later	2015-09-30
India (BIS) Jha, R.K Dr	<b>Comment to Q.1:</b> agreed	2015-09-30
	<b>See linked comment file:</b> <a href="#">NWIP from Japan for ISO 19880-8 JISC.doc</a> (access restricted to ballot audience)	
	<b>Comment to Q.1:</b> It is important to develop the quality assurance procedure to achieve the proper quality hydrogen fuel for FCV in the market. This project is critical for both the FCV manufacturer and the hydrogen infrastructure.	
Japan (JISC) Miyashita, Osamu Mr	<b>Comment to Q.6:</b> See attached comments sheets	2015-09-29
	<b>Comment to Q.7:</b> NAKATA, Keiichi: <keiichi_nakata@mail.toyota.co.jp> MASUMOTO, Shigeki <shigeki.masumoto@airliquide.com> KANEKO, Shoichi: <sh-kaneko@hysut.or.jp> TATEISHI, Daisaku: <daisaku.tateishi@noe.jx-group.co.jp> MIYASHITA, Osamu< miyashita@enaa.or.jp	
Korea, Republic of (KATS) Jang, Hyuckjo Dr	<b>Comment to Q.1:</b> This NWIP will be helpful for hydrogen quality control.	2015-09-30
Netherlands (NEN) Feenstra, Linda Mrs	<b>Comment to Q.1:</b> We support this NWIP.	2015-09-24
	<b>Comment to Q.7:</b> Expert: Alice Elliott	
	<b>See linked comment file:</b> <a href="#">NWIP from Japan for ISO 19880-8 BSI.doc</a> (access restricted to ballot audience)	
United Kingdom (BSI) Duncombe, Charlie Mr.	<b>Comment to Q.1:</b> This NWIP aims to propose reasonable and affordable methods and procedures for hydrogen quality control at hydrogen distribution facilities in order to comply hydrogen quality required by ISO 14687-2 for permeating commercialized FCVs and hydrogen infrastructure in the market.	2015-09-21
	<b>Comment to Q.7:</b> Dr Nick Hart - UK Expert Mr C Duncombe - UK Observer	
	<b>Comment to Q.1:</b> We believe that this document is important to the hydrogen industry and support the convenor.	
United States (ANSI) Team, ANSI ISO	<b>Comment to Q.5:</b> SAE J2719, ASTM D7550, D7606, D7634 D7649, D7650, D7651, D7652, D7653, D7675, D7892, D7941, WK23815, WK34574, WK48876	2015-09-23
	<b>Comment to Q.7:</b> Mr. Glenn W. Scheffler, gwssol@aol.com, Industry and commerce Mr. Spencer Quong, squong@squong.com, Industry and commerce	

**Comments from commenters**

Commenter	Comment	Date
<p><b>Sri Lanka (SLSI) Sirikumara, Jayantha Mr</b></p>	<p><b>Comments from Sri Lanka</b></p> <p>1 1a. Do you approve, disapprove or abstain on this NWIP? abstain *</p> <p>2 Please also select from one of the following options (note that if no option is selected, the default will be the first option): Draft document will be registered as new project in the committee's work programme (stage 20.00)</p> <p>3 In case of disapproval, do you believe that further study and consultations are needed first among committee members on this proposal as a preliminary work item before this proposal can be formally accepted? Yes</p> <p>4 1b. Did you consult with the range of relevant stakeholders identified in the proposal in the development of this voting position and related comments? Yes</p> <p>5 2. Standard(s), regulation(s), and other relevant documentation existing in our country, with any remarks concerning their application if necessary and consequences for global relevance, as well as copyright information on these documents, are attached:</p> <p>No</p> <p>6 3. Do you wish to add any additional comments?</p> <p>No</p> <p>7 4. We are committed to participating actively in the development of the project, at least by commenting on working drafts (P-members voting "Disapprove" in Qu. 1a may nevertheless nominate experts): Yes (and we nominate an expert below) *</p> <p>(* ) A Comment is required for this answer value.</p> <p>***** Eng K Jayantha Sirikumara B.Sc (Eng), PGD in Energy Technology, MEng (Reading), AMIESL. Secretariat ISO / PC 248/ Sustainability criteria for bioenergy   NMC Sri Lanka  Assistant Director Engineering Standardization Division</p>	<p>2015-07-27</p>

Comments from commenters		
Commenter	Comment	Date
<p><b>Sri Lanka (SLSI)</b>  <b>Sirikumara, Jayantha Mr</b></p>	<p>Sri Lanka Standards Institution            No 17,            Victoria Place,            Alvitigala Mawatha,            Colombo 08            Sri Lanka</p> <p>Tele: +94112671567 Ext 166            Mobile: 94725492851            E mail:jayantha@slsi.lk</p>	