



ISO/TC 197
Hydrogen technologies

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Secretariat: SCC (Canada)

ISO 16110-1 Systematic review report 2016

Document type: Summary of voting

Date of document: 2016-11-26

Expected action: INFO

Background: This is the results of the Systematic review for ISO 16110-1 Hydrogen generators using fuel processing -- Part1: Safety. There were 8 votes to confirm and 3 votes to revise this standard.

It will be discussed at the plenary under agenda item 9.

Committee URL: <http://isotc.iso.org/livelink/livelink/open/tc197>



Systematic Review voting result

Reference	ISO 16110-1:2007 (vers 2)	Committee	ISO/TC 197
Edition number	1	Vienna agreement	
English title	Hydrogen generators using fuel processing technologies -- Part 1: Safety		
French title	Générateurs d'hydrogène faisant appel aux technologies du traitement du carburant -- Partie 1: Sécurité		
Start date	2015-10-15	End date	2016-03-15
Opened on	2015-10-15 00:26:40	Closed on	2016-03-17 01:11:27
Status	Closed		
Voting stage	Systematic review	Version number	2
Vote in parallel with			
Note			

Questions	
Q.1	Recommended action
Q.2	Has this International Standard been adopted or is it intended to be adopted in the future as a national standard or other publication?
Q.3	Is the national publication identical to the International Standard or was it modified?
Q.4	If this International Standard has not been nationally adopted, is it applied or used in your country without national adoption or are products/processes/services used in your country based on this standard?
Q.5	Is this International Standard, or its national adoption, referenced in regulations in your country?
Q.6	In case the committee decides to Revise/Amend, will/are you committed to participate actively in the development of the project?

Votes by members												
Country	Member	Status	Confirm	Revise / Amend	With-draw	Abstain lack of consensus	Abstain lack of national expert input	Q.2	Q.3	Q.4	Q.5	Q.6
Argentina	IRAM	P-Member	X					No		No	No	No
Australia	SA	O-Member					X	No		No	No	No
Austria	ASI	O-Member					X	No		No	No	No
Canada	SCC	Secretariat					X	No		No	No	No
China	SAC	P-Member	X					Yes	Modified		No	Yes (experts nominated)
Czech Republic	UNMZ	P-Member	X					No		No	No	No

Votes by members												
Country	Member	Status	Confirm	Revise / Amend	Withdraw	Abstain lack of consensus	Abstain lack of national expert input	Q.2	Q.3	Q.4	Q.5	Q.6
Denmark	DS	P-Member	X					Yes	Identical		No	No
Egypt	EOS	P-Member					X	No		No	No	No
France	AFNOR	P-Member	X					Yes	Identical		No	No
Germany	DIN	P-Member		X				No		Yes	No	Yes (experts nominated)
India	BIS	P-Member	X					Yes	Identical		No	No
Italy	UNI	P-Member					X	No		No	No	No
Japan	JISC	P-Member		X				No		No	No	Yes (experts nominated)
Korea, Republic of	KATS	P-Member				X		No		No	No	No
Netherlands	NEN	P-Member					X	No		No	No	No
New Zealand	NZSO	P-Member		X				No		No	No	Yes (experts nominated)
Norway	SN	P-Member					X	No		Yes	No	No
Russian Federation	GOST R	P-Member	X					Yes	Modified		No	Yes (experts nominated)
Spain	AENOR	P-Member				X		Yes	Identical		No	No
Sri Lanka	SLSI	O-Member					X	No		No	No	Yes (experts nominated)
Sweden	SIS	P-Member					X	No		No	No	No
United Kingdom	BSI	P-Member	X					Yes	Identical		No	No
United States	ANSI	P-Member					X	No		No	No	Yes (experts nominated)
P-Members TOTALS												
Total of P-Members voting (*) : 11												
Confirm : 8			8	3	0	2	7	7 Yes 13 No	5 Identical 2 Modified	2 Yes 11 No	0 Yes 20 No	6 Yes 14 No
Revise / Amend : 3												
Withdraw : 0												
TOTALS			8	3	0	2	10	7 Yes 16 No	5 Identical 2 Modified	2 Yes 14 No	0 Yes 23 No	7 Yes 16 No

(*): P-Members having abstained are not counted

Answers to Q.1: "Recommended action" (all votes)	
0 x	Withdraw
3 x	Revise / Amend Germany (DIN) Japan (JISC) New Zealand (NZSO)
8 x	Confirm Argentina (IRAM) China (SAC) Czech Republic (UNMZ) Denmark (DS) France (AFNOR) India (BIS) Russian Federation (GOST R) United Kingdom (BSI)
2 x	Abstain (consensus) Korea, Republic of (KATS) Spain (AENOR)
10 x	Abstain (expertise) Australia (SA) Austria (ASI) Canada (SCC) Egypt (EOS) Italy (UNI) Netherlands (NEN) Norway (SN) Sri Lanka (SLSI) Sweden (SIS) United States (ANSI)
Comments	
Germany (DIN) Klaas, Uwe Mr	A number of normative references and, as a consequence, requirements in ISO 16110-1 also require revision.
New Zealand (NZSO) Harniss, Bev Mrs	This standard is in a atechanical area where advances are being made to should be revised or amended to ensure it remains fit for purpose

Answers to Q.2: "Has this International Standard been adopted or is it intended to be adopted in the future as a national standard or other publication?" (all votes)	
7 x	Yes China (SAC) Denmark (DS) France (AFNOR) India (BIS) Russian Federation (GOST R) Spain (AENOR) United Kingdom (BSI)
16 x	No Argentina (IRAM) Australia (SA) Austria (ASI) Canada (SCC) Czech Republic (UNMZ) Egypt (EOS) Germany (DIN) Italy (UNI) Japan (JISC) Korea, Republic of (KATS) Netherlands (NEN) New Zealand (NZSO) Norway (SN) Sri Lanka (SLSI) Sweden (SIS) United States (ANSI)
Comments	
Argentina (IRAM) Santella, Mabel Mrs	At the moment this standard is not included in 2016 study plan .
Australia (SA) Anderson, John Mr	No comment.
Austria (ASI) Koellner, Gabriele Mrs	Keeping in mind that the use of standards is not compulsory, either bilaterally agreed specifications (other documents than standards) or a relevant national/regional standard might be used instead of this International Standard.
Canada (SCC) Geraghty, Christine Mrs	Unknown
China (SAC) Wang, Geng	SAC is discussing to adopt this standard as a national standard.
Czech Republic (UNMZ) Kuklova, Lydie Mrs.	It is intended to be adopted in the future.
Denmark (DS) Velk, Per Mr	16110-1:2007
Egypt (EOS) Safe, Maha Eng.	we abstain
France (AFNOR) Pillard, Valérie Mme	NF ISO 16110-1:2009
Germany (DIN) Klaas, Uwe Mr	Intended to be implemented when adopted as EN ISO standard.
India (BIS) jha, R.K Dr	IS 16512 (Part 1) : 2016 ISO 16110-1 : 2007 Doc No. : CHD 06 (1726)
Italy (UNI) Luppino, Lucilla Ms	-
Japan (JISC) Miyashita, Osamu Mr	In Japan, we have "High Pressure Control Law" to which Japan's manufactrers have to follow mandatory.
Korea, Republic of (KATS) Kim, Sookrae Mr	No

Answers to Q.2: "Has this International Standard been adopted or is it intended to be adopted in the future as a national standard or other publication?" (all votes)	
Comments	
Netherlands (NEN) Feenstra, Linda Mrs	due to lack to national expertise
New Zealand (NZSO) Harniss, Bev Mrs	The ISO version is used
Norway (SN) Borgos, Kari Synnøve Ms	ISO standards that have not been adopted by CEN are adopted nationally (as NS) on a case-by-case basis depending on feedback from and interests in the market.
Russian Federation (GOST R) Poluektova, Olga Ms	GOST R 54110-2010
Spain (AENOR) JORQUERA, Jose Mr	UNE EN ISO 16110-1:2015
Sri Lanka (SLSI) Sirikumara, Jayantha Mr	<p>This is not popular in Sri Lanka yet, But will come soon, This will be Sri lanka's future.</p> <p>Pleae help us to come up in this technology for National development. I thank you I remain at your disposal for any further information regarding this.</p> <p>I thank you</p> <p>Best Regards,</p> <p>*****</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</p> <p>Assistant Director Engineering Standardization Division 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>
Sweden (SIS) Widebeck, Malin Ms	--
United Kingdom (BSI) Operations Support Centre, OSC Mr	Implemented as BS ISO 16110-1:2007
United States (ANSI) Team, ANSI ISO	n/a

Answers to Q.3: "Is the national publication identical to the International Standard or was it modified?" (all votes)	
5 x Identical	Denmark (DS) France (AFNOR) India (BIS) Spain (AENOR) United Kingdom (BSI)
2 x Modified	China (SAC) Russian Federation (GOST R)
Comments	
China (SAC) Wang, Geng	There might be some modification due to the domestic regulation.

Answers to Q.3: "Is the national publication identical to the International Standard or was it modified?" (all votes)	
Comments	
Russian Federation (GOST R) Poluektova, Olga Ms	Differences related to the design characteristics of the national standard

Answers to Q.4: "If this International Standard has not been nationally adopted, is it applied or used in your country without national adoption or are products/processes/services used in your country based on this standard?" (all votes)	
2 x Yes	Germany (DIN) Norway (SN)
14 x No	Argentina (IRAM) Australia (SA) Austria (ASI) Canada (SCC) Czech Republic (UNMZ) Egypt (EOS) Italy (UNI) Japan (JISC) Korea, Republic of (KATS) Netherlands (NEN) New Zealand (NZSO) Sri Lanka (SLSI) Sweden (SIS) United States (ANSI)
Comments	
Germany (DIN) Klaas, Uwe Mr	there is no national standard on hte issue yet.
Norway (SN) Borgos, Kari Synnøve Ms	It cannot be ruled out.

Answers to Q.5: "Is this International Standard, or its national adoption, referenced in regulations in your country?" (all votes)	
0 x Yes	
23 x No	Argentina (IRAM) Australia (SA) Austria (ASI) Canada (SCC) China (SAC) Czech Republic (UNMZ) Denmark (DS) Egypt (EOS) France (AFNOR) Germany (DIN) India (BIS) Italy (UNI) Japan (JISC) Korea, Republic of (KATS) Netherlands (NEN) New Zealand (NZSO) Norway (SN) Russian Federation (GOST R) Spain (AENOR) Sri Lanka (SLSI) Sweden (SIS) United Kingdom (BSI) United States (ANSI)

Answers to Q.6: "In case the committee decides to Revise/Amend, will/are you committed to participate actively in the development of the project?" (all votes)	
7 x Yes	China (SAC) Germany (DIN) Japan (JISC) New Zealand (NZSO) Russian Federation (GOST R) Sri Lanka (SLSI) United States (ANSI)
16 x No	Argentina (IRAM) Australia (SA) Austria (ASI) Canada (SCC) Czech Republic (UNMZ) Denmark (DS) Egypt (EOS) France (AFNOR) India (BIS) Italy (UNI) Korea, Republic of (KATS) Netherlands (NEN) Norway (SN) Spain (AENOR) Sweden (SIS) United Kingdom (BSI)
Comments	
China (SAC) Wang, Geng	The experts will be nomimated later.
Germany (DIN) Klaas, Uwe Mr	Dr. Ulrich Schmidtchen (member of ISO/TC 197)
Japan (JISC) Miyashita, Osamu Mr	Mr. Osamu OKADA email: okada@r-energy.com Mr. Kazuo KOSEKI email: koseki@fcdic.jp Mr. Sam MIYASHITA email: os-miyashita@hysut.or.jp
New Zealand (NZSO) Harniss, Bev Mrs	Mr Jonathan Lever email jleaver@unitec.ac.nz
Russian Federation (GOST R) Poluektova, Olga Ms	Mr. Alexander Ramenskiy
Sri Lanka (SLSI) Sirikumara, Jayantha Mr	I remain at your disposal for any further information regarding this. I thank you Best Regards, ***** 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

Answers to Q.6: "In case the committee decides to Revise/Amend, will/are you committed to participate actively in the development of the project?" (all votes)

Comments

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United States (ANSI) Team, ANSI ISO	Glenn W. Scheffler GWS Solutions of Tolland LLC 860-872-4540 gwssol@aol.com

Comment files from voters

Japan (JISC) Miyashita, Osamu Mr	See linked comment file: <i>ISO 16110-1 2007 (vers 2) JISC.doc</i> (access restricted to ballot audience)
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