



RESULT OF SYSTEMATIC REVIEW OF ISO DELIVERABLE		
Date	ISO/TC 197	N 715
2015-11-13		
Title of TC/SC concerned		
Hydrogen technologies		

This document is to be completed by the committee secretariat and circulated within 6 months of the termination of the review period to (1) all P- and O-members, organizations and committees in liaison, (2) the ISO Central Secretariat, (3) the TC secretariat in the case of review in an SC.

Review	Start date: 2015-01-15	End date: 2015-06-17
Reference number and title of International Standard ISO 13985:2006		
English title	Liquid hydrogen -- Land vehicle fuel tanks	
French title	Hydrogène liquide -- Réservoirs de carburant pour véhicules terrestres	
Results (the compilation of results is given as an annex)		
The following criteria have been met		
1 A simple majority of voting P-members has proposed the following action: a <input type="checkbox"/> withdrawal b <input type="checkbox"/> revision/amendment c <input checked="" type="checkbox"/> confirmation		
2 <input checked="" type="checkbox"/> It has been adopted/is intended to be adopted (with or without change) or is used by at least 5 countries		
In the light of results, the following action is proposed and will be considered the committee decision unless objections are received within one month of circulation of this form:		
Criteria 1 a met or criteria 2 not met: <input type="checkbox"/> Withdrawal		
Criteria 1 b & 2 met - see Note: <input type="checkbox"/> Revision <input type="checkbox"/> Amendment <input type="checkbox"/> Minor revision		
Note: The choice between revision and amendment is essentially based on an assessment of whether or not the changes are limited (amendment) or if they require the redevelopment of the whole document (revision). To be determined by the committee secretariat. A minor revision may be selected if the proposed changes do not impact the technical content.		
A call for experts must be launched for revisions or amendments. However there is no minimum number of active P-members required.		
Proposed development <input type="checkbox"/> 1 (24 months) <input type="checkbox"/> 2 (36 months - default) <input type="checkbox"/> 3 (48 months)		
Criteria 1 c & 2 met: <input type="checkbox"/> Confirmation		
For TS and PAS ONLY: <input type="checkbox"/> Conversion to an International Standard		
<input checked="" type="checkbox"/> No final decision can yet be taken for the following reason(s) (indicate when decision is expected): This SR will be discussed at the Dec. 2015 Plenary Expected decision date: 2015-12-17		
<input type="checkbox"/> Other (Please describe, e.g. division into Parts, combination with another IS, conversion to another deliverable type)		
Secretariat	Date	Signature of the TC or SC Secretary
SCC	2015-11-13	Ferrero, Jim Mr



Systematic Review voting result

Reference	ISO 13985:2006 (vers 2)	Committee	ISO/TC 197
Edition number	1	Vienna agreement	
English title	Liquid hydrogen -- Land vehicle fuel tanks		
French title	Hydrogène liquide -- Réservoirs de carburant pour véhicules terrestres		
Start date	2015-01-15	End date	2015-06-15
Opened on	2015-01-15 00:43:07	Closed on	2015-06-17 00:54:16
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, or proposed to be identical, to the International Standard or modified?
Q.4	Is this International Standard used in your country without national adoption or are products used in your country based on this standard?
Q.5	Is this International Standard, or its national adoption, referenced in regulations in your country?

Votes by members										
Country	Member	Status	Confirm	Revise / Amend	Withdraw	Abstain	Q.2	Q.3	Q.4	Q.5
Argentina	IRAM	P-Member				X	No		No	No
Australia	SA	O-Member				X	No		No	No
Austria	ASI	O-Member				X	No		No	No
Brazil	ABNT	P-Member				X	No		No	No
Canada	SCC	Secretariat			X		No		No	No
China	SAC	P-Member	X				Yes	Identical		No
Denmark	DS	P-Member	X				Yes	Identical		No

Votes by members										
Country	Member	Status	Confirm	Revise / Amend	Withdraw	Abstain	Q.2	Q.3	Q.4	Q.5
Egypt	EOS	P-Member				X	No		No	No
France	AFNOR	P-Member	X				No		No	No
Germany	DIN	P-Member				X	No		No	No
India	BIS	P-Member	X				No		No	No
Italy	UNI	P-Member	X				No		No	No
Japan	JISC	P-Member				X	No		No	No
Korea, Republic of	KATS	P-Member	X				Yes	Identical		No
Netherlands	NEN	P-Member				X	No		No	No
Norway	SN	P-Member				X	No		Yes	No
Russian Federation	GOST R	P-Member	X				Yes	Identical		Yes
Spain	AENOR	P-Member				X	No		No	No
Sri Lanka	SLSI	O-Member				X	No		No	No
Sweden	SIS	P-Member				X	Yes	Identical		No
United Kingdom	BSI	P-Member	X				Yes	Identical		No
United States	ANSI	P-Member			X		No		No	No
P-Members TOTALS										
Total of P-Members voting (*): 10										
Confirm : 8			8	0	2	9	6 Yes 13 No	6 Identical 0 Modified	1 Yes 12 No	1 Yes 18 No
Revise / Amend : 0										
Withdraw : 2										
TOTALS			8	0	2	12	6 Yes 16 No	6 Identical 0 Modified	1 Yes 15 No	1 Yes 21 No

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

Answers to Q.1: "Recommended action" (all votes)

Answers to Q.1: "Recommended action" (all votes)		
2 x	Withdraw	Canada (SCC) United States (ANSI)
0 x	Revise / Amend	
8 x	Confirm	China (SAC) Denmark (DS) France (AFNOR) India (BIS) Italy (UNI) Korea, Republic of (KATS) Russian Federation (GOST R) United Kingdom (BSI)
12 x	Abstain	Argentina (IRAM) Australia (SA) Austria (ASI) Brazil (ABNT) Egypt (EOS) Germany (DIN) Japan (JISC) Netherlands (NEN) Norway (SN) Spain (AENOR) Sri Lanka (SLSI) Sweden (SIS)
Comments		
Canada (SCC) Geraghty, Christine Mrs	This standard was published in 2006; therefore it is not very current. No one in Canada is using this technology. All hydrogen vehicle fueling stations being built today are for gaseous hydrogen.	
United States (ANSI) Team, ANSI ISO	We are not aware of anyone using or planning to use onboard liquid hydrogen fuel tanks. Liquefied hydrogen fuel is no longer being considered for vehicles.	

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)		
6 x	Yes	China (SAC) Denmark (DS) Korea, Republic of (KATS) Russian Federation (GOST R) Sweden (SIS) United Kingdom (BSI)
16 x	No	Argentina (IRAM) Australia (SA) Austria (ASI) Brazil (ABNT) Canada (SCC) Egypt (EOS) France (AFNOR) Germany (DIN) India (BIS) Italy (UNI) Japan (JISC) Netherlands (NEN) Norway (SN) Spain (AENOR) Sri Lanka (SLSI) United States (ANSI)
Comments		
China (SAC) Wang, Geng	It was adopted as chinese national standard GB/T 30719-2014.	
Denmark (DS) Aagesen, Lise Schmidt Ms	DS/ISO 13985	
Korea, Republic of (KATS) Lee, Jae-Man Mr	KSBSISO13985	
Russian Federation (GOST R) Poluektova, Olga Ms	GOST R ISO 13985	
Sweden (SIS) Widebeck, Malin Ms	SS-EN 13985+A1:2009	
United Kingdom (BSI) Operations Support Centre, OSC Mr	Yes - Implemented as BS ISO 13985:2006	

Answers to Q.3: "Is the national publication identical, or proposed to be identical, to the International Standard or modified?" (all votes)		
6 x	Identical	China (SAC) Denmark (DS) Korea, Republic of (KATS) Russian Federation (GOST R) Sweden (SIS) United Kingdom (BSI)
0 x	Modified	

Answers to Q.4: "Is this International Standard used in your country without national adoption or are products used in your country based on this standard?" (all votes)		
1 x	Yes	Norway (SN)
15 x	No	Argentina (IRAM) Australia (SA) Austria (ASI) Brazil (ABNT) Canada (SCC) Egypt (EOS) France (AFNOR) Germany (DIN) India (BIS) Italy (UNI) Japan (JISC) Netherlands (NEN) Spain (AENOR) Sri Lanka (SLSI) United States (ANSI)
Comments		
Norway (SN) Borgos, Kari Synnøve Ms	There is no way of knowing exactly which products (be it imported or domestic) used in Norway are based on this standard, but it is safe to assume some products are.	

Answers to Q.5: "Is this International Standard, or its national adoption, referenced in regulations in your country?" (all votes)		
1 x	Yes	Russian Federation (GOST R)
21 x	No	Argentina (IRAM) Australia (SA) Austria (ASI) Brazil (ABNT) Canada (SCC) China (SAC) Denmark (DS) Egypt (EOS) France (AFNOR) Germany (DIN) India (BIS) Italy (UNI) Japan (JISC) Korea, Republic of (KATS) Netherlands (NEN) Norway (SN) Spain (AENOR) Sri Lanka (SLSI) Sweden (SIS) United Kingdom (BSI) United States (ANSI)
Comments		
Russian Federation (GOST R) Poluektova, Olga Ms	GOST R ISO 13985	