ISO/TC 197
Hydrogen technologies

Email of secretary: jim.ferrero@bnq.qc.ca
Secretariat: SCC (Canada)

SCOPE CEN-CLC TC 6

Document type: Other meeting document

Date of document: 2016-11-26

Expected action: INFO

Background: This is a document on the scope of CEN-CLC/TC 6.

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

CEN BT DECISION

DECISION BT C122/2016 **(BT N 10442)**

Subject: CEN-CLC/TC 6 'Hydrogen' - Approval of final title and scope

BT,

- noting:
  - Decision BT 11/2016 on the creation of CEN/TC 446 'Hydrogen' inviting CENELEC to join the activities in view of converting the CEN/TC into a joint CEN-CENELEC Technical Committee;
  - that CENELEC agreed to the creation of joint Technical Committee and that as a result CEN/TC 446 was disbanded and CEN-CLC TC 6 'Hydrogen' was created instead;
  - that Decision BT 11/2016 requested the newly created Technical Committee on hydrogen to submit its final title and scope for BT approval by the end of July 2016;
- considering CEN-CLC/TC 6 Decision 6/2016 on its final title and scope adopted during the first meeting of the Technical Committee;
- approves the final title and scope of the CEN-CLC/TC 6 as follows:
  - Final title:
    Hydrogen in energy systems
  - Final scope:
    Standardization in the field of systems, devices and connections for the production, storage, transport and distribution, measurement and use of hydrogen from renewable energy sources and other sources, in the context of the European strategy for the development and acceptance of the hydrogen market.

    The scope includes cross cutting items such as: terminology, Guarantee of Origin, interfaces, operational management, relevant hydrogen safety issues, training and education.

    Excluded are:

    - Storage and transport of liquid hydrogen which is covered in the scope of CEN/TC 268.
    - Storage and transport of compressed hydrogen which is covered in the scope of CEN/TC 23.
    - Vehicle refueling stations and associated equipment and procedures as related to the standardization Request M/533.
    - The injection of hydrogen and the mixture of hydrogen with natural gas (H2NG) in the gas infrastructure, which is covered in the scope of CEN/TC 234.
    - The use of mixtures of natural gas with hydrogen (H2NG).

This decision is applicable as from: 2016-09-07

CENELEC BT DECISION

D154/C094 BT approved the following final title and scope of the CEN-CLC/TC 6:

- Final title: Hydrogen in energy systems
- Final scope: Standardization in the field of systems, devices and connections for the production, storage, transport and distribution, measurement and use of hydrogen from renewable energy sources and other sources, in the context of the European strategy for the development and acceptance of the hydrogen market.

  The scope includes cross cutting items such as: terminology, Guarantee of Origin, interfaces, operational management, relevant hydrogen safety issues, training and education.

  Excluded are:
  - Storage and transport of liquid hydrogen which is covered in the scope of CEN/TC 268.
  - Storage and transport of compressed hydrogen which is covered in the scope of CEN/TC 23.
  - Vehicle refueling stations and associated equipment and procedures as related to the standardization Request M/533.
  - The injection of hydrogen and the mixture of hydrogen with natural gas (H2NG) in the gas infrastructure, which is covered in the scope of CEN/TC 234.
  - The use of mixtures of natural gas with hydrogen (H2NG).

CEN/BT - Voting Results

Ballot Information	
Ballot reference	2016/c122
Ballot type	CENBT
Ballot title	CEN-CLC/TC 6 - Final title and scope
BT number	10442
Opening date	2016-07-27
Initial closing date	2016-09-06
Closing date	2016-09-06
Note	

Ballot results	
Total votes cast:	**26**
Agreeing:	**20**
Disagreeing with comments:	**0**
Disagreeing fundamentally:	**0**
Abstaining:	6
Abstaining without voting:	7
Total of abstentions:	**13**
Ballot result:	**Approved**
Result explanation:	CCMC note: The positive comments from PKN will be communicated to the CEN-CLC/TC 6 secretariat for information.

Member		Date cast	Agrees	Disagrees with comments	Disagrees fundamentally	Abstains
Austria	ASI	2016-09-05				X
Belgium	NBN	2016-08-18	X			
Bulgaria	BDS	2016-08-08	X			
Croatia	HZN	No vote received				X
Cyprus	CYS	2016-08-12	X			
Czech Republic	UNMZ	2016-08-24	X			
Denmark	DS	2016-08-31	X			
Estonia	EVS	2016-09-06				X
Finland	SFS	2016-09-01	X			
France	AFNOR	2016-08-30	X			
Germany	DIN	2016-09-06	X			

Member		Date cast	Agrees	Disagrees with comments	Disagrees fundamentally	Abstains
Greece	NQIS ELOT	No vote received				X
Hungary	MSZT	No vote received				X
Iceland	IST	2016-09-06				X
Ireland	NSAI	2016-08-15	X			
Italy	UNI	No vote received				X
Latvia	LVS	2016-08-30				X
Lithuania	LST	2016-08-31	X			
Luxembourg	ILNAS	No vote received				X
Malta	MCCAA	2016-08-04				X
Netherlands	NEN	2016-08-22	X			
Norway	SN	2016-08-15	X			
Poland	PKN	2016-08-24	X			
Portugal	IPQ	2016-08-09	X			
Romania	ASRO	2016-07-28	X			
Slovakia	SOSMT	2016-09-05	X			
Slovenia	SIST	2016-08-10	X			
Spain	AENOR	2016-09-06				X
Sweden	SIS	2016-09-05	X			
Switzerland	SNV	No vote received				X
The Former Yugoslav Republic of Macedonia	ISRM	2016-09-05	X			
Turkey	TSE	No vote received				X
United Kingdom	BSI	2016-09-06	X			

Comments from voters		
Malta (MCCAA) Cast by Farrugia, Francis P. Mr		**Date**
Short comment	Expertise on this subject are not available in Malta.	2016-08-04
Poland (PKN) Cast by Terlecki, Piotr Mr		**Date**
Short comment	We agree with the recommendation for the final title of the group CEN/CENELEC TC 6 Hydrogen in Energy systems, as it clearly indicates that the new technical committee TC 6 does not overtake area that has been already standardized, but the innovative proposal to use hydrogen as an energy carrier in order to facilitate development of low carbon economy. Additionally the scope was duly discussed during the kick-off meeting of TC 6 and we believe that the most critical issues have been identified or forwarded to liaison groups, which have better expertise in the identified issues. Therefore, we believe that scope of work is based on the assumptions coming from the roadmap identified by SFEM WG Hydrogen and is in-line with current EU strategy for development and acceptance of the hydrogen market.	2016-08-24