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SESEC III
**China Standardization and
Technical Regulation**
Bimonthly Newsletter
For
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Introduction of SESEC Project

The Seconded European Standardization Expert in China (SESEC) is a visibility project co-financed by the European Commission (EC), the European Free Trade Association (EFTA) secretariat and the three European Standardization Organizations (CEN, CENELEC and ETSI).



Since 2006, there has been two SESEC projects in China, SESEC I (2006-2009) and SESEC II (2009-2012). In Dec 2014, SESEC III was officially launched in Beijing, China. Dr. Betty XU was nominated as the SESEC expert and will spend the next 36 months on promoting EU-China standardization information exchange and EU-China standardization cooperation.

The SESEC project supports the strategic objectives of the European Union, EFTA and the European Standardization Organizations (ESOs). The purpose of SESEC project is to

- Promote European and international standards in China;
- Improve contacts with different levels of the Chinese administration, industry and standardization bodies;
- Improve the visibility and understanding of the European Standardization System (ESS) in China;
- Gather regulatory and standardization intelligence.

The following areas have been identified as sectoral project priorities by the SESEC project partners: Internet of Things (IoT) & Machine-to-Machine (M2M) communication, communication networks & services, cybersecurity & digital identity, Smart Cities (including transport, power grids & metering), electrical & electronic products, general product safety, medical devices, cosmetics, energy management & environmental protection (including eco-design & labelling, as well as environmental performance of buildings).

SESEC III China Standardization and Technical Regulation Bimonthly Newsletter

SESEC III China Standardization and Technical Regulation Bimonthly Newsletter is the gathering of China regulatory and standardization intelligence. Most information of the Monthly Newsletter was summarized from China news media or websites. Some of them were the first-hand information from TC meetings, forums/workshops, or meetings/dialogues with China government authorities in certain areas. It is brief news in fields related to SESEC horizontal/vertical priorities.

In this Bimonthly Newsletter

In this Bimonthly Newsletter, some news articles were abstracted from Chinese government organizations. Some detailed translations can be downloaded from SESEC website.

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AQSIQ	General Administration of quality supervision, inspection and quarantine of PRC	国家质量监督检验检疫总局
CAS	China Association	中国标准化协会
CCC	China Compulsory Certification	中国强制认证
CCSA	China Communication Standardization Association	中国通信标准化协会
CEC	China Electricity Council	中国电力企业联合会
CEEIA	China Electrical Equipment Industrial Association	中国电器工业协会
CELC	China Energy Labeling Center	中国能效标识中心
CESI	China Electronic Standardization Institute	中国电子标准化研究所
CFDA	China Food and Drug Administration	中国食品药品监督管理局
CMDSA	Center for Medical Device Standardization Administration	医疗器械标准管理中心
CNCA	Certification and Accreditation Administration of China	中国国家认证认可监督管理委员会
CNIS	China National Institute of Standardization	中国国家标准研究院
CNREC	China National Renewable Energy Center	中国国家可再生能源中心
EPPEI	Electric Power Planning and Engineering Institute	电力规划设计总院
IEC	International Electrotechnical Commission	国际电工委员会
ITEI	Instrumentation Technology and Economy Institute	机械工业仪器仪表综合技术与经济研究所
MIIT	Ministry of Industry and Information Technology of People's Republic of China	中国工业和信息化部
MoH	Ministry of Health	卫生部
MoHURD	Ministry of Housing and Urban-Rural Development	住房和城乡建设部
MOR	Ministry of Railway	中国铁道部
MOT	Ministry of Transport	中国交通运输部
MOST	Ministry of Science and Technology	中国科学技术部
NDRC	National development and reform commission People's Republic of China	中国国家发改委
NIFDC	National Institute of Food and Drug Control	中国食品药品检定研究院
SAC	Standardization Administration of China	国家标准化管理委员会
SCLAO	State Council Legislative Affairs Office	国务院法制办公室
SGCC	State Grid Corporation of China	国家电网
SIPO	State Intellectual Property Office	国家知识产权局
TC	Technical Committee for Standard Development	标准化技术委员会

Contents

1. SAC Started “Compulsory National Standards” Simplification and Optimization Process

SAC organized “Compulsory national Standards Simplification and Optimization” pre-evaluation training meeting on December 17, 2015, officially starting the “Compulsory national Standards Simplification and Optimization” process.

The method of this process is to ask the TCs to check the “compulsory national standards” of their TC and propose the process measures, like “delete, merge, or update”.

This is the most important step for China “compulsory standards” reform and will be finished in 2016. SAC also asked the different ministries to review their ministry level compulsory standards together with national compulsory standards, and use the same methodologies to optimize whole compulsory standards system.

After Chins standardization reform, there will only be the “national compulsory standards” in the system.

2. State Council Issued the "National Standardization System Development Plan (2016-2020)"

State Council officially issued the National Standardization System Development Plan (2016-2020) (hereinafter referred to as the Plan) on December 17, 2015 to accelerate the improvement of the standardization system. This is the first field of national special planning standardization.

According to the Plan, a national standardization system supporting the governance system of the State shall be established by 2020. The availability and applicability of the standards shall be significantly improved and the international influence of 'Chinese standard' shall be greatly enhanced. The Plan prescribes the key missions, priority areas, and safeguard measures of the standardization development of China. The Plan also prescribes requirements for the standard reform of mandatory standards and voluntary standards, the pilots of the association standards and industry standards, the international competition of Chinese standards and the establishment of a coordination mechanism for standard development.

3. SAC Summarized Ten Key Standardization Achievements of 2015

In January 2016, SAC together with other relevant governmental organizations summarized TEN key standardization achievements of 2015 as follows.

- 1st. Decision to boost Chinese Standardization Reform by the State Council
- 2nd. The Plan for Deepening the Standardization Reforms issued by the State Council
- 3rd. Action Plan on Implementation of Proposal for Deepening Reform of Standardization Work (2015-2016) Issued
- 4th. State Council issued the "National Standardization System Development Plan (2016-2020)"
- 5th. State Council Strengthens Energy Saving Standardization Work
- 6th. Inter-Ministerial Joint Conference System on Coordination and Promotion of Standardization under the State Council
- 7th. Action Plan for connectivity of Standards Along the Belt and Road (2015-2017)

- 8th. The National Intelligent Manufacturing Standard System Establishment Guideline (2015)
- 9th. The self-declaration of the enterprise standards pilot projects and association standard pilot projects
- 10th. Mr. ZHANG Xiao gang elected as new ISO President

Detailed information in English can be seen

http://www.sesec.eu/app/uploads/2016/02/SESECIII_Translation_-2016-02-China-2015-Standardization-TEN-key-Actions.pdf

4. SAC Proposed Key Words of 2016 Standardization Work

- 1st. China standardization Reform should be confirmed in 2016
- 2nd. Enhance standardization plus strategy, like standards + innovation, standards + modern agriculture, standards + developed manufacturing, standards + Eco-system, standards + consumer products updates, standards + public services,
- 3rd. Strengthen Standard connectivity, cooperation and internationalization
- 4th. Implement standardization development fundamental work
- 5th. Standardization sustainable development

Detailed information in English can be seen

<http://www.sesec.eu/app/uploads/2016/02/SAC-Proposed-Key-Words-of-2016-Standardization-Work.pdf>

5. Smart manufacturing: MIIT and SAC jointly released the national construction guidelines on intelligent manufacturing standard system

MIIT and SAC jointly released national construction guidelines on intelligent manufacturing standard system (version 2015) in December 2015.

The guideline clarified the overall requirements, construction ideas, contents and implementation way of intelligent manufacturing standard system, set up intelligent manufacturing reference model by three dimensions from the life cycle, system hierarchy, intelligent functions, and thus puts forward the intelligent manufacturing standard system framework. The framework includes the foundation, safe and management, testing evaluation and reliability five types of general standards and intelligent equipment, smart factory, intelligence services, industrial software and data, Internet industry five types of key technologies and the standard of application in different industries. The guideline will revise every 2 or 3 years regularly.

6. ETSI delegation meeting with China ITS Industry Alliance

ETSI delegation headed by Ms Margot Dor visited China ITS Industry Alliance on 11th December 2015.

China ITS Industry Alliance is an unofficial, non-profit industry platform and collaborative organization, composed of all organizations involved in the field of intelligent transportation system. It is also one of the 38 associations nominated by SAC to make the association standards. The secretariat of ITS Alliance is in China Highway Research Institute.

See the introduction on <http://www.c-its.org/english/about.htm>

During the meeting ITS Industry Alliance showed great interests on cooperating with European partners, especially ETSI, in standards drafting on intelligent transportation, M2M or Car to Car. It also showed great intention on inviting European industries to attend ITS field testing and interoperability testing together with their secretariats testing facilities.

7. CCSA TC 10 Plenary meeting approved 17 IoT national standards plus M2M release 1 adoption as association standards

On 13-17 December 2015, CCSA TC 10, Ubiquitous networking technology TC, held its 13th plenary meeting and approved 17 IoT standards.

IDT adoption of M2M release 1 serial standards were approved as CCSA Association standards.

8. CCSA 3rd Board Committee Held Its 10th Meeting in Beijing, Approving a New CCSA Constitutions.

CCSA 3rd Board Committee held its 10th meeting in Beijing on 23rd December 2015, with 35 Board members attended this meeting. “CCSA 3rd Board Committee Work Report”, “CCSA 3rd Board Committee Finance Report” and “CCSA constitutions (draft)” were approved by the Board.

New draft CCSA Constitution will be finally approved by next CCSA General Assembly and then implemented. The new Constitution made some modification on the memberships, the association standards deliverables and their processes.

9. National Information Security Standardization Technical Committee (SAC/TC 260) plenary meeting

After its re-constitution of the members, SAC/TC 260 held its first plenary meeting in January 2016. The members of TC 260 increased from 48 to 81 including 4 foreign invested enterprises in China.

National Information Security Standardization Technical Committee 2015 working programs was approved during this meeting

10. New Electric Vehicle Charging Interface and Communication Protocol National Standards Implemented

On 28th December 2015, AQSIQ, SAC, National Energy Bureau, MIIT, Ministry of Science and Technology jointly convened a press conference, announcing the implementation of new electric charging interface and communication protocol standards on 1 Jan 2016.

The newly published standards includes “electric vehicle conducting charging system part 1: general requirements”, “electric vehicle conducting charging connecting devices part 1: general requirements”, “electric vehicle conducting charging connecting devices part 2: AC charging interface”, “electric vehicle conducting charging connecting devices part 3: DC charging interface”, “Communication Protocol between non-vehicle mounted conducting charging devices and battery management system for electric vehicles”.

Currently china's standards on electric vehicle DC interface, control deducting circuit, communication protocol and etc., together with such standards of USA, Europe and Japan, are the 4 mainstream standards in the world.

According to the statistics, currently there are 3600 electric vehicle charging stations in China, and 49,000 public charging points. Compared to last year, 18,000 charging points were added.

11. China-German Smart Manufacturing/Industry 4.0 Development and Standardization Conference Took Place in Shanghai

The 1st Exchange Meeting of China-German smart manufacturing/Industry 4.0 development and standardization was held in Shanghai. This meeting was hosted by MIIT and SAC.

MIIT proposed 6 cooperation proposals, including negotiating and positively pushing cooperation on important fields, pushing standardization work together, deepening the dialogue mechanism under the guidance of the two governments, cooperating strategic research, launching pilots and exchanging experience, holding the forum of China-German smart manufacturing.

SAC emphasized the strengthening of the bilateral cooperation, especially includes more SMEs into this working group. It also hopes the cooperation in international SDOs of the two parties and jointly propose New Working Items in SDOs like IEC, ISO or IEC/ISO/JTC1. SAC also suggested the working group to set up regular meeting scheme and hold the WG meeting yearly.

12. National Electric Safety Standardization TC Plenary Meeting

National Electric Safety Standardization TC (SAC/TC 25, mirroring IEC/ACOS) held its plenary meeting in December 2015.

The TC members discussed the whole Low Voltage Safety national compulsory standards system, especially the standards under modification, like GB 15917.

Other electric safety standards like safety issues of electric vehicle charging points, Photovoltaic common safety issues, and DC products safety requirements will also be the key prioritized working area for electric safety standardization in 2016.

13. CFDA Released 93 Medical Devices Sector Standards and One Revision Document

CFDA released 93 medical devices sector standards and one revision document on 26th January 2016.

The compulsory medical devices sector standards will come into force on Jan, 1 2018. The voluntary medical devices sector standards will come into force on Jan, 1 2017. The one revision document came into force on the date of release. The details information on standard number, name, applicable scope and content in Chinese, can be found in the link:

<http://www.cmde.org.cn/CL0004/4310.html>

14. CFDA issued “Cosmetics Safety and Technical Standards 2015 Version”

On 23rd December 2015, CFDA issued “Cosmetics Safety and Technical Standards 2015 Version”.

"Safety and Technical Standard for Cosmetics" ("Technical Standard" for short) is revision of "Hygienic Standard for Cosmetics (Version 2007)" ("Hygienic Standard" for short). It passed the examination of Cosmetics Standard Expert Committee Plenary Meeting in Nov 2015, and has been approved and announced by CFDA. It will be in force on 1st Dec 2016.

English translation on foreword and summary part of it can be seen

<http://www.sesec.eu/app/uploads/2016/02/Cosmetics-Safety-and-Technical-Standards-2015-Version-Foreword-and-summary.pdf>

15. MIIT Leads New Eco-Design and Green Manufacturing Association

On January 15, the Eco-Design and Green Manufacturing Association was established in Beijing. Ministry of Industry and Information Technology (MIIT) energy savings and comprehensive resource utilization division Deputy Director-General Bi Jun sheng presided over the meeting, while China Academy of Engineers Mr. Ding Wending was selected as the association's first director.

It is emphasized by MIIT that green development and manufacturing are among the top five priorities outlined in the upcoming 13th Five-Year Plan, while the China Manufacturing 2025 plan is set to further promote the development of the sector.

Eco-Design and Green Manufacturing Association may also start making association standards

16. Second version of China ROHS issued and will be implemented 1st July 2016

“Measures for the Restriction of the Use of the Hazardous Substances of the Electrical and Electronic Products” (China ROHS) has been reviewed and approved by MIIT, and agreed by NDRC, Ministry of Science and Technology, Ministry of Finance, Ministry of Environment Protection, Ministry of Commerce, General Administration of Customs, and AQSIQ. It is published on 16th January 2016 and will be implemented on 1st July 2016. Meanwhile, the first version of China ROHS issued on 28th Feb 2006 was withdrawn.

The products covered by China ROHS need to get the certification before they go to Chinese Market.

English version of China ROHS can be seen

http://www.sesec.eu/app/uploads/2016/02/China-RoHS-II-regulation_un-official-translation-by-SESEC-.pdf .