



*Author: Betty XU
Distributed to: SESEC Partners,
EU standardization stakeholders
Date of issue: 20-04-2018*

SESEC III
China Standardization
Bimonthly Newsletter
For
February & March 2018



CENELEC



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 three SESEC projects in China, SESEC I (2006-2009), SESEC II (2009-2012) and SESEC III (2014-2017). In April 2018, SESEC IV 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 were 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.

Table of Contents

Abbreviations5

Horizontal issues6

- 1. Plan for the Institutional Restructuring of the State Council released** 6
- 2. Development Plan for the Standardisation of Social Management and Public Service (2017-2020) published** 6
- 3. Standard Pilot Action Plan for New Materials released** 6
- 4. Guiding Opinions on the Standard System Construction for Agricultural Products E-Commerce released** 6
- 5. Ten ministries jointly published the Guiding Opinions on Fostering and Developing the Standardisation Service Industry** 7
- 6. SAC release the Main Points of National Standardisation Workplan in 2018** 7

IoT.....7

- 7. SAC approved 3 smart home national standards** 7
- 8. National IoT Fundamental Standard WG held the 2018 1st plenary session** 7
- 9. National Technical Committee for Auto Standardisation (SAC/TC114) established the Intelligent Connected Car Sub Committee** 8
- 10. MIIT proposed standardisation work focuses for intelligent connected vehicle (ICV) and new energy vehicle in 2018** 8

Communication Network and Service8

- 11. 5G technical development trial (3rd phase) specifications published** 8
- 12. MIIT issued the Standardisation Work Focuses of Informatisation and Software Service Industry (2018)** 8

Cybersecurity and Digital Identity9

- 13. Mobile Device Biometric Identification Standard WG held plenary session** . 9

Smart City.....9

- 14. SAC and MIIT called for comments on Guidelines for the Construction of the National Standard System for Intelligent Manufacturing (2018) (Draft for Comments)** 9

Electrical and Electronic Products9

- 15. MIIT published China RoHS Compliance Management Catalogue (First Batch)** 9
- 16. Industrial Internet Platform Standardisation Whitepaper (2018) published** 9
- 17. CSEI drafted the Technical Regulations for Elevator Safety** 10
- 18. MIIT called for comments on 3 mandatory national standards of auto industry** 10

General Product's Safety 10

19. MIIT called for comments on the safety management mandatory standards for civil explosive production 10

Medical Devices 10

20. CFDA released Planning for Medical Device Standards (2018-2020). 10

Cosmetics 11

21. National Institute for Food and Drug Control (NIFDC) call for comments on Assessment Guidelines for Cosmetics Efficacy Claims. 11

Energy Management and Environmental Protection 11

22. Interim Administrative Measures for the Recycling and Utilisation of the Battery in New Energy Vehicles issued 11

23. MIIT issued the Key Points of Energy Saving and Comprehensive Utilisation in Industry (2018). 11

Certification 11

24. AQSIQ will develop the Administrative Rules on Testing and Inspection Agencies. 11

Abbreviations

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	中国国家标准化研究院
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
MEP	Ministry of Environment Protection	中国环境保护部
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
OSCCA	State Cryptography Administration Office of Security Commercial Code Administration (OSCCA),	国家商用密码管理办公室

Contents

Horizontal issues

1. Plan for the Institutional Restructuring of the State Council released

On 17 March, the National People's Congress approved the Plan for the Institutional Restructuring of the State Council. The plan will merge the State Council's departments from 42 to 26 to improve government's administrative efficiency. A new agency, State Administration for Market Regulation (SAMR), will be established to take over the responsibility of former AQSIQ, CFDA, and State Administration for Industry and Commerce (SAIC). The former national standardisation competent authority, SAC, and the former national certification competent authority, CNCA, will be merged into the newly established SAMR and continue their functions in standardisation and certification areas under the new organisational architecture.

2. Development Plan for the Standardisation of Social Management and Public Service (2017-2020) published

In March 2018, SAC and other 25 ministries jointly published the Development Plan, assigning standardisation works for social management and public service industry during the following 3 years.

The Development Plan proposed the development routes, standard systematic frames and key standard development tasks for 12 key standardisation areas, including basic social service, labour employment, public education, public medical treatment and basic medical treatment, public service of culture, sports and tourism, public transport, public security, public law, public technology service, local society governing, and public data service.

The Development Plan also proposed the target for 2020: develop and revise more than 800 social management and public service standards.

3. Standard Pilot Action Plan for New Materials released

On 13 March, 9 ministries jointly published the Action Plan, aiming to improve the quality of new material products and services via standardisation. 10 actions were put forward in the plan, including to build up the new material industry's standard system, develop pilotage standards of new materials, optimize standard supply, promote the coordinated development of standards, technology and industry, develop the assessment standards of new material, innovate the standard development mechanism, facilitate the military standards to be harmonized with civil standards, promote new material standards to "go global", carry out standard application demonstration, and construct standardisation information platform.

4. Guiding Opinions on the Standard System Construction for Agricultural Products E-Commerce released

In March 2018, 7 ministries jointly released the Guiding Opinions to promote the healthy and sustainable development of the e-commerce of agricultural products. The Guiding Opinions proposed not only the objectives on standardisation working mechanism, standard system construction, and standard implementation, but the 3 key tasks to help accomplish the objectives, including,

- Build up the standard system of agricultural products e-commerce,
- Strengthen standard development and revision,

- Facilitate the promotion and implementation of standards.

5. Ten ministries jointly published the Guiding Opinions on Fostering and Developing the Standardisation Service Industry

In order to foster standardisation service industry, improve the service system, and enhance the quality and efficiency of supplied standards, Ten ministries jointly published the Guiding Opinions on Fostering and Developing the Standardisation Service Industry.

the Guiding Opinions put forward 6 key tasks:

- Foster standardisation service providers, including commonweal standardisation development institutes, secretariats of TCs, consultation companies, large enterprises, standardisation service offices, etc.
- Improve standardisation service eco-system, including to integrate the resource among standardisation service institutes, to enhance standardisation service system, to promote digitalisation, and the “Internet Standard” service, etc.
- Promote the coordinated development of standardisation service industry and other relevant industries, so as to facilitate technical innovation, brand cultivation, and standardisation’s deep integration with measurement, test and inspection, certification and accreditation.
- Improve market environment. It requires to improve legislation, standard, accredit systems, as well as in- and after-event supervision mechanism.
- Carry out pilot projects and demonstrations of standardisation service industry.
- Facilitate the internationalisation of standardisation service industry.

6. SAC release the Main Points of National Standardisation Workplan in 2018

The document was released on 23 February. It included 86 specific standardisation requirements in the aspects of standard system construction, expansion of standardisation coverage, standardisation reform, standard internationalisation, and standardisation management capability. Should you need the translation of the document, please contact SESEC.

IoT

7. SAC approved 3 smart home national standards

The 3 standards are: *GB/T 35143-2017 Smart home for internet of things—Unicode of data and device*, *GB/T 35134-2017 Smart home for internet of things—Device description method*, and *GB/T 35136-2017 General technical requirement for control equipment of smart home*. The 3 standards defined the graphic symbol, data and device coding, device description, user interface, and design content for smart home system.

8. National IoT Fundamental Standard WG held the 2018 1st plenary session

The session was held on 18 January 2018 in Beijing, and the IoT standardisation achievements made in 2017 was summarized in the meeting:

- 3 published national standards on standardisation work guideline, terminology, and system interface,
- 7 national standard proposals, such as general requirements for smart meter application-oriented IoT system,
- 5 approved national standard projects, including perception controller access,

- 4 national standard drafts (for approval) on assessment index system.

9. National Technical Committee for Auto Standardisation (SAC/TC114) established the Intelligent Connected Car Sub Committee

The Inaugural Meeting of the Intelligent Connected Car Sub Committee was held on 3 April in Beijing. The secretariat of the Sub Committee made a report on the development of “Construction Guidelines for National Connected Car Standard System (Intelligent Connected Car Part)”, reviewed and passed the bylaw of the Sub Committee as well as the working instructions of the secretariat.

10. MIIT proposed standardisation work focuses for intelligent connected vehicle (ICV) and new energy vehicle in 2018

On 27 March, MIIT released the Work Focuses for Intelligent Connected Vehicle (ICV) Standardisation and the Work Focuses for New Energy Vehicle Standardisation.

In the ICV standardisation work focuses, the key areas for standard development was put forward, including fuel cell vehicle safety standards, power battery recycling, charging interoperation, information security, etc. It’s also required in the document to strengthen the internationalisation of Chinese standards and the development of association standards.

The new energy vehicle standardisation work points contained standards development on ADAS, automatic drive, and information security, coordination between different technical committees, as well as international communication and coordination, etc.

Communication Network and Service

11. 5G technical development trial (3rd phase) specifications published

On 16 January, IMT-2020 (5G) Promotion Group held Conference in Beijing to publish the 5G Technical Development Trial (3rd phase) Specifications.

According to their work plan, IMT-2020 (5G) Promotion Group will launch the NSA architecture indoor and outdoor test in the first season of 2018, launch the demonstration and verification of typical applications in the second half of the year, launch the SA architecture indoor and outdoor test in the third season, and the terminal and interoperation test in the fourth season.

12. MIIT issued the Standardisation Work Focuses of Informatisation and Software Service Industry (2018)

According to this document, MIIT will seek to establish the National Technical Committee of Informatisation and Industrialisation Integration Management, and the National Technical Committee of Block-chain and Distributed Ledger in 2018.

In the aspect of standard system construction, MIIT will publish the Informatisation and Industrialisation Convergence Standard System, and the Software and Information Service Standard System, join hand with SAC to develop the *Construction Guidelines for the Industrial Information Security Standard System*, and improve ITSS system.

MIIT will also facilitate standard development on Informatisation and Industrialisation Convergence, security of industrial control system, software industry, big data, information technology service, clouding computing.

In addition, MIIT will strengthen the adoption of international standards, carry out standardisation demonstration and application, foster association standards, and improve informatisation and software service standardisation platform.

Cybersecurity and Digital Identity

13. Mobile Device Biometric Identification Standard WG held plenary session

The session summarized the work outcomes of the WG since its establishment in 2016.

- National standard draft (for approval): *Information technology - Biometrics used with mobile devices -Part1: General requirements*
- 3 National standard proposals: *Information technology - Biometrics used with mobile devices - Part 2: Fingerprint*, *Information technology - Biometrics used with mobile devices -Part 3: Face*, and *Information technology - Biometrics used with mobile devices -Part 4: Iris*

Smart City

14. SAC and MIIT called for comments on Guidelines for the Construction of the National Standard System for Intelligent Manufacturing (2018) (Draft for Comments)

The first edition of the *Guidelines for the Construction of the National Standard System for Intelligent Manufacturing* was released in 2015. It presented a Reference Model for Intelligent Manufacturing Standard System with 3 dimensions: life circle, system hierarchy, and intelligent function. Meanwhile it also put forward an intelligent manufacturing standard system framework.

This year SAC and MIIT jointly revised the guidelines, adjusting the key standard development areas, emphasizing the development of sectoral standards, more clearly defining the life circle, the system hierarchy, and the intelligent function, and strengthening the implementation of the system.

Electrical and Electronic Products

15. MIIT published China RoHS Compliance Management Catalogue (First Batch)

On 12 March, MIIT published the “China RoHS Compliance Management Catalogue (First Batch)” and its exemption list, which were developed jointly by MIIT and other 7 ministries. The Catalogue and Exemption List will come into practice on 12 March 2019.

For products falling in the scope of the catalogue, its lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyl and polybrominated diphenyl ether content shall comply with China RoHS-related standards, and these products shall fall in the scope of China RoHS conformity assessment management system. The products listed in the exemption list can temporarily not follow the rules.

16. Industrial Internet Platform Standardisation Whitepaper (2018) published

Aiming to build up a new standard system for industrial internet platform, CESI and other relevant organisations jointly developed the whitepaper. It summarized and analysed the current standardisation requirements, and put forward proposals on the key development content and direction for industrial internet platform standardisation.

17. CSEI drafted the Technical Regulations for Elevator Safety

On 29 March, the Drafting Group of the Technical Regulations for Elevator Safety convened its first meeting in CSEI. A content framework of the Regulations was introduced and the coordination between these regulations and other standards was discussed.

18. MIIT called for comments on 3 mandatory national standards of auto industry

- *Safety Requirements for Electric Vehicles (Draft for Comments)*
- *Lithium-ion traction battery used in electrically propelled road vehicles - Safety specifications*
- *Electrically propelled buses-Safety specifications*

General Product's Safety

19. MIIT called for comments on the safety management mandatory standards for civil explosive production

Standards for production management in civil explosive industry include,

- *GB 28263-2012 Regulations of safety management for the manufacturing and marketing enterprise of civil explosives materials*
- *GB 28261-2012 Technical specification of safety production for gas generator initiator for air inflator*
- *WJ 9064-2010 Technical specification of safety production of anti-hail and rain-enhancement rocket*
- *WJ 9067-2010 Technical specification of safety production of sea rescue pyrotechnic signalling product*
- *WJ 9068-2010 Regulation of safety management in explosion elimination for rejected product line of civil explosive materials enterprises*
- *WJ 9072-2012 Management regulation of production safety for on-site mixed explosive*
- *WJ 9082-2015 Technological specification of the production safety for the industrial explosive containing propellant and water*

MIIT are now planning to revise the GB 28263-2012 and abolish others. The abolished standards will be integrated into the new edition of GB 28263.

Medical Devices

20. CFDA released Planning for Medical Device Standards (2018-2020)

According to the Planning, China will develop/revise 300 medical device standards, and complete a medical device standard system that is able to meet the needs of medical device supervision by 2020.

To help achieve the target, this policy document pointed out that VFDA will continue streamlining mandatory standards and reviewing recommended standards, expand standards' coverage, improve standards' quality, provide continuous and steady support for R&D on fundamental, strategic, and cutting-edge standards, deepen international standardisation cooperation, and strengthen standard implementation and supervision.

Cosmetics

21. National Institute for Food and Drug Control (NIFDC) call for comments on Assessment Guidelines for Cosmetics Efficacy Claims

Nowadays, many claimed efficacies of cosmetic products in the market cannot be directly recognized by customers, so the corresponding verifications and evaluations become indispensable, and NIFDC developed this document to regulate the cosmetic efficacy claims. It stipulated the kinds of cosmetic efficacies that need to be certificated and evaluated, and further put forward a sequence of requirements on verification and evaluation agencies, principles, and methods, etc.

Energy Management and Environmental Protection

22. Interim Administrative Measures for the Recycling and Utilisation of the Battery in New Energy Vehicles issued

On 26 January, MIIT and other 6 ministries jointly issued this Administrative Measures. It proposed to establish the extended producer responsibility system of vehicle battery recycling and utilisation, carry out product life-cycle management, set up the power storage battery tracing information system, promote innovation on market mechanism and recycle model, as well as maximize the comprehensive utilisation efficiency of resources. Moreover, a series of supervision and management measures were put forward in the document to help implement the regulation.

23. MIIT issued the Key Points of Energy Saving and Comprehensive Utilisation in Industry (2018)

MIIT issued the document on 22 February. It proposed to develop a batch of energy saving and green standards, accelerate the popularisation and application of high-efficiency energy saving technologies, facilitate the recycling and utilisation of new energy vehicle's battery, formulate methanol vehicle standards, establish the extended producer responsibility system, strengthen the restriction of hazardous substance in electrical/electronic and auto products, foster green industries, and expand international cooperation.

Certification

24. AQSIQ will develop the Administrative Rules on Testing and Inspection Agencies

On 7 March, AQSIQ released the Notice on AQSIQ Legislation Work Plan (2018). It include 154 regulations formulation/revision projects, among which the Administrative Rules on Inspection and Testing Agencies will be jointly drafted by the regulation department of AQSIQ and CNCA.