

2015 Economy Report – China

Metrology law

The core is to amend "Metrology Law" thus to promote steady progress of metrology regulatory system. Continue to carry out and the revision of rules and regulations after revision of "Metrology Law", and adjust the scope and management method of mandatory verification.

Technical regulations

Systematic consolidate metrology technical regulations (MTR), and to expedite the revision of MTR which lag in technology and with heavy demand. Seminars of MTR on economic development, national security and key issues in people's daily life were held. Further strengthen the management of the Technical Committee, and increase the publicizing work of MTR.

Legal metrology work

With the target of enhance the quality of measuring instruments, improvements the examination rate of measuring instruments and promote the ability of risk prevention of measurement, series of measuring instruments product quality supervision and inspection, and further work of mandatory verification and metrology risk assessment were carried out. A comprehensive survey and recording of key measuring instruments was implemented. Fuel dispensers, scales, taxi meter and utility meters and such mandatory verification measuring instruments which closely related to daily life was strengthened. A series of supervision and inspection of food and cosmetics packages was carried out.

Legal units

On the occasion of "Measuring Law" was issued 30 years, coordinated with relevant departments to supervise and inspect the implementation of legal units in press, radio, television and other publication area. Continued promoted the reform of quantity and unit in the field of ionizing radiation national wide.

Energy metrology service system

The inspection of national urban energy metrology center was completed followed by relevant check and acceptance standards, 24 of them were recognized. Overall inspection reports were organized to draft.

Supervision and inspection of energy metrology

Completed review on key energy consumption units, continued organized special supervision and inspection on energy efficiency, organized inspection agencies to track energy efficiency labeling on energy conservation products.

Credible metrology system

Continued carried out project on "Metrology benefit people's livelihood, credible benefit harmony". Research of credible metrology system action plan (2015-2020) was developed and implemented with the way of explore the establishment departments including administrative, technology institutions, manufacture, retailer and end user.

National industrial metrology service system

Strengthened basic research on development of industry metrology test center (IMTC) construction, further improved the relevant rules of reporting, inspection, etc of IMTC. Strengthened the guidance for the preparation of IMTC, and promoted acceptance of units which requirements are mature.

Metrology service to industrial

Organized metrology institutions to go depth in to manufacture to understand the needs and improve service capabilities. Promoted classification guidance to pursued certification of "Metrology management system" for big & medium sized enterprises, and helped small and micro enterprises to consolidate the basis of metrology.

National traceability system

In order to promote the improvement of traceability of key unit, research on more scientific and effective management of traceability system was launched. Also activities were carried out to strengthen management of reference standard, management and assessment of measurement standards and verification officer.

Technical institution

Setting of metrology technical institutions and agencies was reformed with the cooperation by local government and AQSIQ. A guide on "Promote the reform, innovation and development on metrology technology institutions of quality and inspection system" was issued.

Calibration measurement capability

National calibration measurement capabilities (CMCs) were strengthened. Existing CMCs are 1224.

Information technology

Strengthened the use of cloud computing, big data and other information method to integrated and analysis information resources, thus to establish and improve pilot basic services platform of metrology information. The role of testing and sensor technology was enhanced to support infrastructure of "Internet of Things".

International & regional cooperation

Continue to cooperation with Germany, Britain, Switzerland, Netherlands, and other European countries, to implement bilateral cooperation agreements. Deepen mutual cooperation and interconnection with neighboring countries, support Cambodia,

Kazakhstan and other neighboring countries. Work actively on OIML Advisory Group and APLMF secretariat and made contribution on above organization.

- OIML Seminar on "Legal Metrology in daily life" held in Chengdu in May.
- Workshop on redefinition of SI held in Xian in June.
- MEDEA: Training Course on verification on Taxi Meters held in Shanghai in July.
- Chinese-Russian Meeting on Energy Metrology held in Chengdu in June.
- Chinese-Japanese Regular meeting of Metrology will held in Tokyo in December.
- Chinese-Japanese-Korean Conference on Metrology will held in Jeju in November.

Publicizing and culture

First metrology stamp was issued in "World metrology day". Activities with the theme of World Metrology Day were organized actively. Theme activity "Metrology people around me" was carried out.