

D-8 Working Group Meeting on Industry

On 09 OCT 2012 at Hotel Rupshi Bangla

Standardization, Conformity Assessment, Accreditation and Metrology

A meeting of Working Group of Standardization, Conformity Assessment, Accreditation and Metrology was held at Hotel Rupshi Banbla, Bangladesh On 09 October 2012. The meeting was attended by Turkey, Iran, Indonesia, Nigeria and Bangladesh. Total number of participants was 38 of which 12 was foreign delegates. The focal point of this committee Mr. Abu Abdulla, DG, BAB address the delegates and selected the president of this Working Group(WG) mentioning the last president of the same WG. The meeting was presided over by Dr. Altaf Hossein, Professor, Department of Chemistry, Dhaka University. From Bangladesh Engr. G. Fakhrudin Ahmed Chowdhury, Director, Bangladesh Accreditation Board was presented the country key note paper. From Turkey two papers were presented by Kursat YILMAZ, Director international Relations, TURKISH STANDARDS INSTITUTION and by Gonca Ozturk, Engineer on Legal Metrology. Another presentation was delivered by Mr. Md. Akhtaruzzaman, Director (Chemical), on the present status of BSTI. The course moderator was Dr. Syed Humaun Kabir, Director (Standards), Bangladesh Standard and testing Institute.

From the Bangladesh part presenter emphasis on:

National Quality & Conformity Assessment Infrastructure comprising Standardization, Metrology, Testing, Calibration, Certification, Inspection and Accreditation.

For running the standardization function Standards Wing of BSTI has 5 (five) Divisions : Food & Agriculture, Electrical & Electronics, Jute & Textile, Physical, Chemical along with their 73 Standards Technical Committees (TC). has been BSTI assigned to develop standards through preparation, adoption, and harmonization and its promotion for trade development.

Activity of NML, BSTI is to calibrate mostly for the physical parameters: mass, length, temperature, volume & density, force & pressure, time & frequency and also DRICM is to provide traceability services in chemical measurements through acquiring, production, qualification, storing and disseminating certified reference materials (CRMs).

More than 10,000 laboratories providing testing services of which 90% are providing services for medical diagnostics purposes.

In product certification system, BSTI is mainly dealing with controlling 155 products under mandatory technical regulations. FIQC, DAE, BCSIR, BAEC etc is responsible for specific field and around 15 organization conduct system certification.

BAB is responsible for providing accreditation service which is established under Bangladesh Accreditation Act 2006 and already developed 62 assessors on different field.

TURKEY:

Two different presenters from Turkey delivered on Standardization and Legal Metrology on the current issue and general overview of Turkish System.

One of Key note presenter Mr. Kursat YILMAZ, Director international Relations, TURKISH STANDARDS INSTITUTION said the following activities:

TSE is 1500 full time personnel

Standards development,

Laboratories: Testing laboratories, Calibration laboratories

Certification: Product certification, service places certification, System certification, Personnel certification, Conformity to Automotive Legislation, CE Marking

Training, Surveillance and inspection.

TSE has 82 mirror committees, valid Turkish standards is 31.643, annually issue an average of 30.000 test reports,

TSE Calibration Center undertakes the following calibration activities: Electrical Calibration, Mechanical Calibration, Heat Calibration, Materials Testing Equipment Calibration, Low and High Frequency Calibration, Pressure Calibration, Biomedical Calibration, Dimension Calibration

TSE regularly organizes technical training programs on: **Standardization** (preparation, development, implementation, etc.), **Certification** (product, services, management systems, personnel), Informative training programs on the **CE Marking, Calibration** (pressure, electrical, biomedical, material test, length, temperature)

TSE became a full member of ISO in 1956, 41 ISO/TC, 46 ISO/SC as a P member, and 276 O-Membership in ISO TC/SC's, member of DEVCO, CASCO and COPOLCO, 67 CEN TC, 10 CENELEC TC.

SMIIC which has 17 nations is an OIC-affiliated Institution under TSE and will be financed by TSE for the initial three years.

SMIIC adopted Guidelines for Halal Food, Bodies Providing Halal Certification, Halal Accreditation Body

Another Turkey presentation was made by Goncs Ozerk, Engineer on Legal Metrology.

TSE maintains a wide range of cooperation with many of its counterparts via bilateral technical cooperation agreements with 96 organizations from 70 countries.

These agreements are primarily in the form of supply of training, exchange of information, exchange of experts, joint certification activities.

From She emphasis on:

There are 4 bodies in Metrology Field in Turkey

The MSGM (Ministry of Science, Industry and Technology) – in Legal Metrology

TÜBİTAK UME (The Scientific and Technological Research Council of Turkey-National Metrology Institution) – in Scientific Metrology

TÜRKAK (Turkish Accreditation Agency) –in Accreditation

TSE (Turkish Standards Institution) –in Standardization.

Activities are performed under the provisions of; Law No. 3516 “Measurements and Calibration” and Law No. 4703 “Preparation and Implementation of the Technical Legislation Regarding Products”.

The instruments that are in the scope of the law: Length, Volume, Area,Weight measures,Aerometers, Grain inspection devices, Electric power meters, Water maters, Gas volumeters,Taximeters,Transformers for current and voltage,Tank wagons used on railways



From BSTI, Bangladesh presenter said:

About the accreditation status of testing laboratories, system certification and product certification.

Recommendations:

To promote more trade among the D-8 member countries through Standardization, Conformity Assessment, Accreditation and Metrology

1. Establish a common database of each country's capacity in quality infrastructure.
2. Promote exchange programme on training, technical experts to accelerate development of quality infrastructure since the level of economic and infrastructure available on each member states are different.
3. Support to D-8 members for participation in international standardization

4. Establish MRA on export quality infrastructure among D-8 member states. Indeed, D-8 should define common industrial sector to be taken as milestone for intensive and practical cooperation.
5. Promote harmonization of standards and conformity assessment procedures among D-8 members to have more market access.
6. Conduct Feasibility Study to develop roadmap and recommendation for strengthening of Standardization, Conformity Assessment, Accreditation and Metrology with the main objective to facilitate movement of goods among the D-8 Countries.
7. The National Standardization Bodies of D-8 member states shall support each other at international standardization platforms such as ISO and IEC Council, General Assembly and Technical Committees' Works.
8. D-8 Secretariat shall encourage D-8 member states to participate in the activities of Standardization and Metrology Institute for Islamic Countries (SMIIC). The D-8 member states may benefit from the SMIIC experiences in the field of "Halal Food".
9. Developing electronic communication among the National Standardization Bodies of D-8 member states.
10. Organizing a training programme in the field of "Metrology" in December 2012 in Turkey by the Ministry of Science, Industry and Technology (Legal Metrology, Scientific Metrology and Industrial Metrology) if it is requested by D-8 member states. The request of member states should be sent to the D-8 Secretariat in one month. Later requests will be evaluated.