

# **International Economic and Technology Cooperation Assistance Available from the MOEA**

## **1. Name of Organization:**

Bureau of Standards, Metrology and Inspection (BSMI), MOEA

## **2. Service Items:**

The BSMI can provide training courses illustrating its experience in planning and implementing inspection schemes of mechanical, electrical and electronic products.

## **3. Description:**

- (1) Training course on the use of different conformity assessment procedures for mechanical, electrical and electronic products, such as batch inspection, registration of product certification, supplier declaration of conformity, type approval, etc.
- (2) Training course on the planning and implementation of approving, auditing and managing designated testing laboratories.

## **4. Implementation Methods:**

- (1) The government of the recipient country shall identify their specific needs as well as preferred methods of training, based on which the BSMI will provide the outline of the training programs. If the recipient country requests that the BSMI hold the training courses in their countries, related expenses shall be taken into account.
- (2) If the training is to be held in Taiwan, the BSMI will arrange the venues and agenda for these courses. The traveling and living expenses shall be taken into account.
- (3) The BSMI will provide the technical assistance for the training program as permitted under the government's budget for supporting such assistance.

## **5. Past Cases:**

The BSMI provided training programs in Taiwan for delegates from

the Quality Assurance and Testing Centre (QLJATEST),  
Directorate for Standards and Quality, Vietnam.

**6. Contact Information:**

Contact Person: Mr. Chih-Hung HSIEH, First Division, Third  
Department, BSMI

Address: 4 Chinan Road, Section 1, Taipei 100, Taiwan

Tel: (886-2) 2343-1781

Fax: (886-2) 3343-3991

E-mail: [eric.hsieh@bsmi.gov.tw](mailto:eric.hsieh@bsmi.gov.tw)

**7. Remarks:**

# **International Economic and Technology Cooperation Assistance Available from the MOEA**

## **1. Name of Organization:**

Bureau of Standards, Metrology and Inspection (BSMI), MOEA

## **2. Service Items:**

Training courses on establishing calibration human resources in the field of metrology and related matters

## **3. Description:**

The BSMI can provide courses on training calibration technicians in the field of metrology and help the recipient country to set up a quality control system for national metrology laboratories.

## **4. Implementation Methods:**

The BSMI can dispatch experts on a short-term basis to the recipient countries to provide training courses with funding support. If necessary, charges might be collected from participants of the training courses.

## **5. Past Cases:**

One of our experts, Dr. Gwo-Sheng Peng, Director of the National Measurement Laboratory, visited the Dominican Republic to provide such metrology-related training during the period from May 11 to June 3, 2002.

## **6. Contact Information:**

Contact Person: Mr. Jim-Hei YANG, Third Division, Fourth  
Department, BSMI

Address: 4 Chinan Road, Section 1, Taipei 100, Taiwan

Fax: (886-2) 2397-0715

Tel: (886-2) 2339-63360 ext. 736

E-mail: [jh.yang@bsmi.gov.tw](mailto:jh.yang@bsmi.gov.tw)

## **7. Remarks:**

# **International Economic and Technology Cooperation Assistance Available from the MOEA**

## **1. Name of Organization:**

Bureau of Standards, Metrology and Inspection (BSMI), MOEA

## **2. Service Items:**

- (1) Inspection techniques training programs in the following fields:
  - (a) Multiple analyses of pesticide residues in vegetables, fruits, crops and teas
  - (b) Analysis of drug and antibiotics residues in meats and fishes
  - (c) Microanalysis of mycotoxins in food and crops
- (2) EMC (Electromagnetic Compatibility) testing
- (3) Consultancy in setting up EMC testing facilities, including planning a turnkey EMC test system and verification of its performance
- (4) Safety inspection of household appliances (IEC60335 series of standards)

## **3. Description:**

- (1) Providing inspection techniques training programs and other technical services
- (2) Assisting in accreditation preparation by laboratories and providing related inspection information
- (3) Conducting audits of foreign laboratories that are interested in becoming designated testing laboratories under the certification scheme
- (4) EMC testing personnel training:
  - (a) EMC basic concepts (based on recipient country's needs)
  - (b) Introduction to international standards concerning EMI

(Electromagnetic Interference) for ITE (Information Technical Equipment) and household appliances

- (c) Practice of EMC testing for ITE and household appliances
- (5) Consultancy in setting up EMC testing facilities
- (6) Verifying the performance of EMC testing laboratories
- (7) Providing assistance in safety testing for household appliances

#### **4. Implementation Methods:**

- (1) Sending experts to recipient countries to provide technical training or inspection services
- (2) Sending auditors to conduct audits of foreign laboratories
- (3) The above assistance items shall be conducted under the funding support of the government's technical assistance budget.

#### **5. Past Cases:**

- (1) Training on pesticide and drug residues testing for delegates from the Saudi Arabian Standards Organization (2000-2002)
- (2) Audit of pesticide residues of the Directorate for Standards and Quality, Vietnam (STAMEQ), 2000
- (3) Sending experts to Paraguay to assist in establishing residues analysis laboratory, 1999
- (4) EMC-related training for delegates from the Saudi Arabian Standards Organizations
- (5) EMC-related training for delegates from the Directorate of Standards and Quality, Vietnam

#### **6. Contact Information:**

Contact Person: Mr. Ming-Yaw YANG, Sixth Department, BSMI

Address: 4, Chinan Road, Section 1, Taipei, 100, Taiwan.

Fax: (886-2) 2392-1441

Tel: (886-2) 2343-1836

E-mail: miyaw.yang@bsmi.gov.tw

#### **7. Remarks:**

## **International Economic and Technology Cooperation Assistance Available from the MOEA**

### **1. Name of Organization:**

Bureau of Standards, Metrology and Inspection (BSMI), MOEA

### **2. Items of Technical Assistance:**

Standards, technical regulations, conformity assessment and metrology

### **3. Description:**

#### (1) Standardization

- (a) Techniques and practices of developing standards, including stages of development and strategies of public consultations
- (b) Establishment of an independent division responsible for monitoring the use of standards and the establishment of a standards user group
- (c) Promotion of the use of industry standards

#### (2) Technical regulations

Training on risk assessment for developing technical regulations and exchanges of experience on mandatory inspection systems, including the registration of product certification scheme.

#### (3) Conformity assessment

Training of testing laboratories to comply with requirements of ISO 17025. To dispatch experts to provide the short-term assistance based on the needs identified by the Metrology Department

#### (4) Metrology

Short-term assistance could be provided based on needs identified in the area of legal metrology or metrology.

### **4. Implementation Methods:**

Within the limit of funding resources, the recipient country can assign persons to participate in the training courses held in Taiwan,

or the BSMI can dispatch experts to the recipient countries to provide short-term training courses.

**5. Past Cases:**

One of our experts, Dr. Gwo-Sheng Peng, Director of the National Metrology Laboratory, visited the Dominican Republic to provide metrology-related training from May 11 to June 3, 2002.

**6. Contact Information:**

Contact Person:

Ms. Edie CHEN, 4th Section, 5th Division, BSMI

Address: 4 Chinan Road, Section 1, Taipei 100, Taiwan

Fax: (886-2) 2343-1804

Tel: (886-2) 3343-5115

E-mail: Edie.Chen@bsmi.gov.tw

**7. Remarks:**