

Japan - Economy Report Highlights

Key Activities - 2017 / 2018

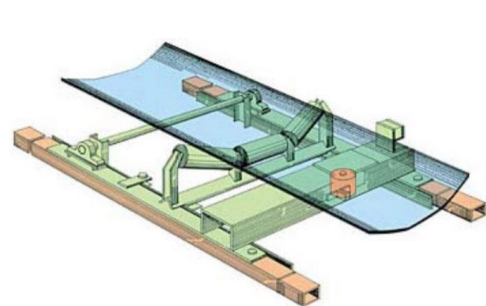
Review and Revision of the Metrology Administration System

Three Basic Policies:

1. Entry of **private business operators** for metrological control
2. Response to technological **innovations** and social **changes**
3. Review and reclassification of **current metrological regulations**

Revision of the Legislation System supporting Measurement Act:

1. Utilization of **Designated Verification Institutes** for verifying **NAWIs** (non-automatic weighing instruments), **AWIs** (automatic weighing instruments) and **fuel dispensers**
2. New metrological control on **AWIs** (see photos) in legal metrology → Introduction of verification from 2019
3. Utilization of **test results** by the laboratories accredited by NITE (national accreditation body) for issuing domestic **type approval certificates** on **NAWIs**



Continuous totalizing automatic weighing instruments (R 50)



Automatic catch weighing instrument (R 51)



Automatic gravimetric filling instruments (R 61)



Discontinuous totalizing automatic weighing instruments (R 107)

AOTS Training Course

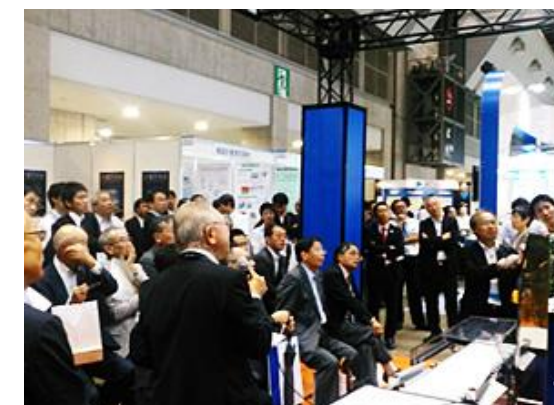
A training program in metrology is jointly organized by **METI**, **NMIJ** and **AOTS** (Association for Overseas Technical Cooperation and Sustainable Partnerships). A course was held in **Dec. 2017** in the Tokyo area (see photo). The next course is planned from 3 to 14 Dec. 2018.



Presenters – Mikuko Hamada, Toshiyuki Takatsuji, Hajime Nemoto and Tsuyoshi Matsumoto

Promotional and Awareness Raising Activities

1. **Metrology Day** on 1st Nov. by METI
2. **Children's Day** by METI in Aug. (photo, left)
3. **Intermeasure 2018** in Sept. (photo, right)



Cooperation with OIML

1. Dr. Yukinobu Miki serves as CIML Second **Vice President**.
2. NMIJ served as a **co-convener** with Netherlands for the project on **R 139** (compressed gaseous fuels measuring systems for vehicles) to include requirements of **hydrogen dispensers**. New R 139 was approved at the 53rd CIML in Hamburg in October and **published**. The two conveners received a **letter of appreciation** from OIML.
3. NMIJ cooperates with **MC** (management committee) of **OIML-CS**. NMIJ issues certificates (scheme A) for **R 60** and **R 76**.
4. NMIJ is responsible for revisions of **R 63** (petroleum tables) and **R 119** (pipe provers) as a secretariat of **TC 8**.



Cooperation with APLMF

Training course for transferring **WG on QMAP** (Quality Measurement of Agricultural Product) from Japan to Thailand was held in **July in Bangkok** (see photo). The former chair continuously supports new chairs for planning the large training course in Thailand in December.

