
**APEC/APLMF Seminars and Training Courses in Legal Metrology
(CTI-12/2008T)**

**Workshops on Metrology in Agricultural Products, Food Safety,
and Product Safety**

23- 25 Sep 2009

at the Rex Hotel in Ho Chi Minh city, Vietnam

Draft Program as of July 27, 2009

1. Organizers:

1. Asia-Pacific Economic Cooperation (APEC)
2. Asia-Pacific Legal Metrology Forum (APLMF)

2. Supporting Organizations:

1. Directorate for Standards & Quality, STAMEQ, Viet Nam
2. Kett Elec. Co, Japan

3. Objective:

These days, huge amounts of products are traded across borders within the Asia-Pacific region. Increasingly, more people have become anxious about the quality and safety of such internationally-traded products and are interested in developing a reliable system to evaluate the quality and safety of such products.

According to the requirement to realize international trade without technical barriers to trade (TBT), developing economies producing agricultural products for export are requested to achieve reliable technical infrastructure including measurement standards for both product quality and food safety in order to obtain international competitiveness. A robust metrological infrastructure plays a critical role in the removal of technical barriers to trade by underpinning the quality and safety of export products.

In order to facilitate these objectives, two APEC/APLMF workshops on metrology of agricultural products and foods were held in 2007 in Thailand and 2008 in PR China. At the second workshop in 2008, the range of topics was extended to cover product safety other than foods, and Small Working Groups (SWGs) meetings to draft APLMF guideline documents were also held jointly. This proposed workshop is a follow-up meeting of the two workshops and aims to bring together experts from APEC/APLMF member economies to build on the outputs from these workshops by:

- a) Presenting the member economies an opportunity to learn about current situation of measurement standard and traceability system for quality measurements of agricultural products,
- b) Presenting an opportunity reviewing present metrological infrastructure within the member economies and identifying practical needs in the future that is executable for APLMF. This activity may include the fields on quality of agricultural products and

food safety.

4. Agenda

The program will include one-day training course on moisture meters and one and a half day workshop.

4.1 Workshop:

1 Legal metrology infrastructure for quality measurements of agricultural products

- 1.1 Primary method, measurement standard and traceability system for grain moisture, protein, fat and saccharimetry, etc.
- 1.2 Measurements of special products such as starch, cane, coffee, milk, wine, water, etc.
- 1.3 Legal control of measuring instruments
- 1.4 Needs for training and/or intercomparisons
- 1.5 Issues on packaging and labeling
- 1.6 The role of national legal metrology authorities
- 1.7 ...

2 Measurement method and CRMs underpinning food safety

- 2.1 Measurement standards and traceability for CRMs
- 2.2 Legal control on CRMs
- 2.3 Need for new CRMs
- 2.4 New measurement method
- 2.5 ...

4.2 Training Course on moisture meters will cover the following topics:

1. Infrastructure elements supporting rice moisture measurements
2. Other Moisture Measurements
3. Grain and Oilseeds" and "Protein Measuring Instruments for Cereal Grain and Oil Seeds"
4.

5. Registration

5.1. Categories of participants

The participants to the present workshop are grouped into the four categorizes below.

1. **Organizers of the workshop** (APEC Experts): Organizers who will cooperatively lead and organize the entire workshop.
2. **Primary chairpersons of workshop** (APEC Experts): Primary chairpersons of **topics** in the **workshop** (4.1). They will actively lead and organize discussions in the workshop. They are required to submit **a summary report** of the discussion after the workshop.
3. **Trainers of the moisture meters** (APEC Experts): They will lead the training program on moisture meters (4.2).
4. **Speakers** (APEC active participants): Active participants who provide a presentation on their knowledge or situation in their economy to support the workshop or training program.

5.2. How to Make a Registration

If you wish to participate in the workshop and/or training course, please complete the attached **registration form** by indicating the **category** you wish to participate and send the form to the **APLMF secretariat** to the contact address shown on the form. The **deadline** of registration is Aug.23, 2009.

If you wish to provide a **presentation** in the workshop, the registration form must be accompanied with an **abstract** within one page (A4) outlining:

1. How your metrological infrastructure / technique supports the topics you have an interest in the workshop,
2. Issues and problems encountered within national metrological infrastructures in your economies, and
3. Possible solutions that could be implemented within the region.

It is recommended if the abstract also highlight how your presentation builds on the 2nd Workshop held in 2008 in PR China (see “Handbook on Metrology of Agricultural Products and Foods” on the APLMF website).

5.3. Selection of Chairpersons and Speakers

The chairpersons and speakers will be selected by the APLMF secretariat in cooperation with the relevant APLMF WGs on Quality Measurements of Agricultural Products, and Training Coordination. The selected chairpersons and speakers will be informed from the secretariat before the workshop.

6. Travel Support:

- **APEC travel support (1)**, comprising a roundtrip economy-class airfare and per diem including accommodation, is available for the **APEC Experts** in the categories **1, 2 and 3** of the chapter 5.1.
- **APEC travel support (2)**, comprising a roundtrip economy-class airfare and per diem including accommodation, is available for the **APEC active participants** in the categories **4** of the chapter 5.1. The eligible participants must belong to one of the economies; PR China, Chile, Indonesia, Malaysia, Mexico, Papua New Guinea, Philippines, Peru, the Russian Federation, Vietnam and Thailand.
- **APLMF travel support** is available for the participants from one of the **non-APEC economies** but belong to one of the **APLMF full member economies**.

APEC and APLMF travel support will cover **one speaker per economy** unless otherwise permitted by the APLMF secretariat in order to organize the workshop. Participant(s) approved for travel support will be finally decided by the APEC/APLMF Secretariat. We welcome more self-funded speakers will join the workshop.

7. Visa Assistance:

If you need a visa to enter Vietnam, please complete the bottom section of the Registration Form under “Visa information”. This information will be forwarded to the host by the

APLMF Secretariat. On receipt, the host economy will send an official letter of invitation to support visa applications.

8. Venue and Accommodation:

Rex Hotel

Add:141 Nguyen Hue Blvd, District 1, HCM city, Vietnam

Tel: +84 8 38292185, Fax: +84 8 38296536

<http://www.rexhotelvietnam.com>

Dao Duy Truc Lam (Ms.)
Sales Manager – Corporate

Email: lamddt.rex@sgtourist.com.vn

Cellphone: 0938 087 108

Tel: (848) 3829 9084

Fax (848) 3824 8962

If you wish to reserve a room at the venue, please complete the Hotel Reservation Form and send it to the Rex hotel by lamddt.rex@sgtourist.com.vn or nguyentt.rex@sgtourist.com.vn and the host in Vietnam by htqt@tcvn.gov.vn or bandoluong@tcvn.gov.vn (1 month before).

9. Access Information:

Ideally located in the center heart of Ho Chi Minh City, nextdoor to the People Committee House, within steps of the famous Ben Thanh Market and historical Opera. The guests can take any kinds of transportation to reach the hotel.

Transport

The Rex in Ho Chi Minh City is only 5 kilometers from the Saigon railway. The Tan Son Nhat Airport is also 7 kilometers far away from the Rex in Ho Chi Minh City.

The taxi fare from the airport to the Rex Hotel Hotel is less than \$5 per trip (70 000 VND – 100 000 VND).

Weather

Temperature between 20 °C to 33 °C and Relative Humidity between 70% to 90%.

There are 2 main seasons in HCM city, rainy and dry seasons. In September, it's monsoon season, the weather is warm and humid.

Currency

US\$1 is about 18 000 VND

10. Submission of documents and slides:

If you hope your documents and/or slides would be distributed at the workshop in a hard copy, please be advised to send your documents (soft copy) to the secretariat <APLMF@aqsiq.gov.cn> by **August 28**.

11. Contacts for the APEC/APLMF Meetings:

1. APLMF Secretariat (registration and travel support)

Dr. ZHANG Chao & Mr. GUO Su

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No. 9, Madiandonglu, Haidian District, Beijing 100088, P.R. China

Tel: +86-10-8226-0335, Fax: +86-10-8226-0131, E-mail: sec@aplmf.org

2. Host in Vietnam (visa assistance, accommodation and venue)

Ms. Nguyen Thi Minh Nguyet

International Cooperation Department

Directorate for Standards, Metrology and Quality (STAMEQ)

Tel. 84.4.37911630; Fax. 84.4.37911605; Email. htqt@tcvn.gov.vn

Address: N^o 8 Hoang Quoc Viet Street, Cau Giay District, Ha Noi, Viet Nam

Or

Ms. Tran Thi Thuy Ha

Metrology Department

Directorate for Standards, Metrology and Quality (STAMEQ)

Tel. 84.4.37911632; Fax. 84.4.37911631; Email. bandoluong@tcvn.gov.vn

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5.Draft Program (Venue: Rex Hotel, Ho Chi Minh City)

Day 1 (September 23, Thu)	08:30-09:30	<i>Registration</i>
	Opening ceremony	
	09:30-10:00	Welcome Address from the Host
		Welcome Address from APLMF
		Take a group photo
	10:00-10:30	<i>Coffee break</i>
	Workshop: Session 1. Legal Metrology Infrastructure for Quality Measurements of Agricultural Products (Chair: Dr. Matsumoto, Co-Chair: Dr. Osman Zakaria)	
	10:30-10:50	Traceability, uncertainty analysis and current situation of OIML R59 on rice moisture meters (Tsuyoshi Matsumoto, Japan)
	10:50-11:10	Techniques of Measuring Grain Moisture Content in China and its Development Trend (Zhang Weiwei, China)
	11:10-11:30	Rice Moisture Meters (Sakchai Hasamin, Thailand)
	11:30-11:50	Grain moisture measurements in Mexico (Enrique Martines-Lopez, Mexico)
	12:00-13:30	<i>Lunch break</i>
	Workshop: Session 1. (Continue)	
	13:30-13:50	The traceability system of rice moisture meter in Indonesia (Sri Astuti, Indonesia)
	13:50-14:10	Checking the Calibration of Rice Moisture Meters (Warachai Triarun, Thailand)
	14:10-14:30	Local speaker
	14:30-15:00	<i>Coffee break</i>
	Workshop: Session 2. Measurement method and CRMs underpinning food safety (Chair: Dr. Laly Samuel, Co-Chair: Dr. Wong YC)	
	15:00-15:20	Preparation of reference material of melamine in milk powder (Wong YC, Hong Kong, China)
	15:20-15:40	Assurance of Measurement of Foods and Agricultural products in China by Chemical Metrology (ZHANG Qinghe, China)
15:40-16:00	Overview of the Legal Metrology System in Agricultural Products, Food Safety and Product Safety in the Philippines (Marilyn C. Fos, Philippines)	

	16:00-16:20	Development of National Infrastructure to Support legal Control of Food safety, Agricultural products and Product safety in Malaysia (Osman Zakaria, Malaysia)
	16:20-16:40	Agriculture and food testing in Papua New Guinea (Peter Corbett, Papua New Guinea)
	16:40-17:00	Metrology, Standardization, Testing and Quality Management as tools in Food Safety: Status at the Food Development Center of the National Food Authority, Department. of Agriculture (Amelia W. Tejada, Philippines)
	19:00-21:00	<i>Welcome dinner</i>
Day 2 (September 24, Thu)	Workshop: Session 2. (Continue)	
	09:20-09:40	A collaborative approach to establish traceability in chemical measurement and food safety in New Zealand (Laly Samuel, New Zealand)
	09:40-10:00	Measurement Standards in Agriculture Facilities (Edna Egu, Papua New Guinea)
	10:00-10:20	Local Speaker
	10:20-10:40	National Metrology Infrastructure for Food Safety in Mexico (Norma Gonzalez-Rojano, Mexico)
	10:40-11:10	<i>Coffee break</i>
	Workshop: Session 3. Summary and Discussion (Dr. Tsuyoshi Matsumoto)	
	11:00-12:30	Presentations and discussions
	12:30-14:00	<i>Lunch break</i>
	Training: Infrastructure elements supporting rice moisture measurements (Trainer: Mr. Hiroshi Yamahira (Japan))	
	14:00-15:30	Practical training
	15:30-16:00	<i>Coffee break</i>
	16:00-17:00	Practical training
19:00-21:00	<i>Farewell Dinner by APLMF</i>	
Day 3 (September 25, Fri)	Training: Other Moisture Measurements	
	09:00-10:30	Practical training
	10:30-11:00	<i>Coffee break</i>
	Closing ceremony	
	11:15-11:45	Closing Address from the Host
		Closing Address from APLMF
12:00-13:30	<i>Lunch break</i>	