



EAST AFRICAN COMMUNITY SECRETARIAT

**13TH MEETING OF THE EAST AFRICAN METROLOGY
TECHNICAL SUB-COMMITTEE**

4TH — 5TH MAY 2009
NAURA SPRINGS HOTEL
ARUSHA, TANZANIA

**REPORT OF THE MEETING
[REF: EAC/TF/45/2009]**

EAC SECRETARIAT
Arusha, Tanzania
May 2009

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EAST AFRICAN COMMUNITY SECRETARIAT

13TH EAC MEETING OF THE EAST AFRICAN METROLOGY
TECHNICAL SUB-COMMITTEE (EAMET)

4th — 5th MAY, 2009
NAURA SPRINGS HOTEL
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REPORT OF THE MEETING

1.0 OPENING OF THE MEETING

1.1 The meeting was held in accordance with the Calendar of EAC activities. It was attended by delegates from four of the five Partner States, namely: Kenya, Rwanda, Uganda and Tanzania. A list of delegates is hereto attached as *Annex I.*

1.2 Constitution of the Bureau

The meeting was chaired by Mr. Patrice Ntiyamira from Rwanda and rapporteured by Mr. Alphonse M. Kagoma from Tanzania in accordance with EAC procedures.

1.3 Adoption of the Agenda

The agenda was adopted with modifications and is hereto attached as *Annex II.*

2.0 CONSIDERATION OF MATTERS ARISING FROM THE 12TH MEETING OF THE METROLOGY TECHNICAL SUB-COMMITTEE AND MEETING OF LEGAL AND METROLOGY EXPERTS HELD IN KAMPALA IN APRIL AND NOVEMBER, 2008, RESPECTIVELY.

2.1 Review of EAMET Work Plan and Calendar

2.1.1 Follow up on existing measurement capabilities

It was agreed that each member state updates its measurement capabilities to reflect its current status as per the format to be provided by TC 1 Chair. The reviewed measurement capabilities are then to be sent to TC 1 Chair.

2.1.2 Consultancy regarding ISO 17025 (Accreditation of various laboratories)

Tanzania reported that:

- TBS has received additional equipment in the areas of Electricity, Dimensional and Pressure measurements.

- Laboratory staffs have received training in the above areas.
- Necessary documentations for accreditation are being finalized for the three areas above. Formal application for accreditation to be submitted by September, 2009

Kenya reported that it is awaiting for a DKD assessment of the Force Laboratory scheduled for 14th to 19th June, 2009.

Uganda reported that it has earmarked accreditation in the Mass area and that:

- Necessary documents for accreditation have already been completed
- Submitting the formal application for accreditation will be this month.

Rwanda reported that they have earmarked Mass and Temperature laboratories for accreditation and that:

- Training of staff has been done
- Quality Manuals and other documents for accreditation are yet to be finalized.

2.1.3 CMCs recognition and registration workshop

The CMC Awareness Workshop earlier planned to be held in Dar Es Salaam was held in December, 2008 during the Regional Metrology Conference (RMC), in Mombasa, Kenya.

2.1.4 Metrology Workshop in Chemistry

This activity took place in August, 2008 in Nairobi, Kenya.

2.1.5 Review of national (legal) metrology legislation regarding compatibility with SQMT Act

Due to the pending 'Metrology Bill' issue, the Sub-Committee could not deliberate on the matter.

2.1.6 Study on the implementation status of prepackage control in the region

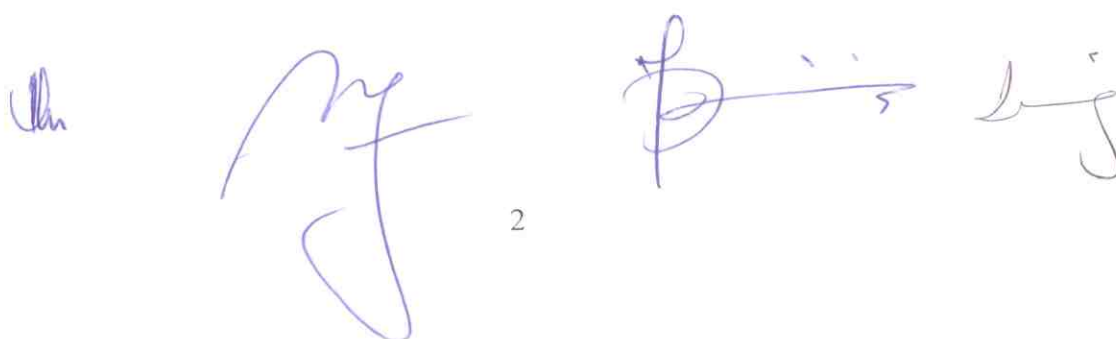
It was agreed that TC 4 should look at the issues affecting TBTs on prepackages.

2.1.7 World Metrology Day

With the exception of Uganda, all other EAC partner states in attendance reported to have celebrated the day in different styles.

2.1.8 EAC Web portal

- The meeting noted that the current web portal is not being updated regularly.
- The meeting suggested that metrology departments appoint staff to provide metrology information to their respective 'content managers' for the website.
- It was proposed that a members page on the website be activated to enable members exchange restricted information.



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2.1.9 Metrology regulations, EAMET Structure, ToRs and Procedures for the meetings

(a) Metrology regulations

The meeting agreed that TC 4 should continue with their work on developing and harmonization of metrology regulations as it was noted to be one of the TBT areas to regional trade.

The meeting recommends that the EAC SQMT Principal Standards Officer mobilizes funds to facilitate the work of TC 4. The partner states are also encouraged to ensure that work of TC 4 is done.

(b) EAMET Structure

The meeting nominated members to the various TCs and WGs. Where nominations could not be done, names have to be forwarded to the TC 1 Chair in one month's time from the end of this meeting. The reviewed EAMET structure is hereto appended as *Annex III*

TC 4 was tasked to establish WGs in legal metrology in line with the OIML structure.

(c) ToRs and Procedure for the meetings

(i) Procedure for the meetings

The meeting noted that there was no continuity in the Sub-Committee's work. It was agreed that the rapporteur / secretary to coordinate the Sub-Committee's work for three consecutive years.

(ii) ToRs

The secretary / rapporteur 's ToRs are:

- Coordinate the Sub-Committee's work
- To be the custodian of the Sub-Committee's documentation
- Liaise with TC Chairs and report on work progress within the TCs
- Collect reports from TC Chairs and compiling them into a final report.

The ToRs and Procedures for meetings as earlier established have been amended to reflect the above changes.

2.2 Meeting of legal and metrology experts in Kampala

The Sub-Committee was informed that the above-mentioned meeting took place in Kampala from 26th to 28th November, 2008 and report of the meeting was forwarded to the EAC Secretariat for consideration.

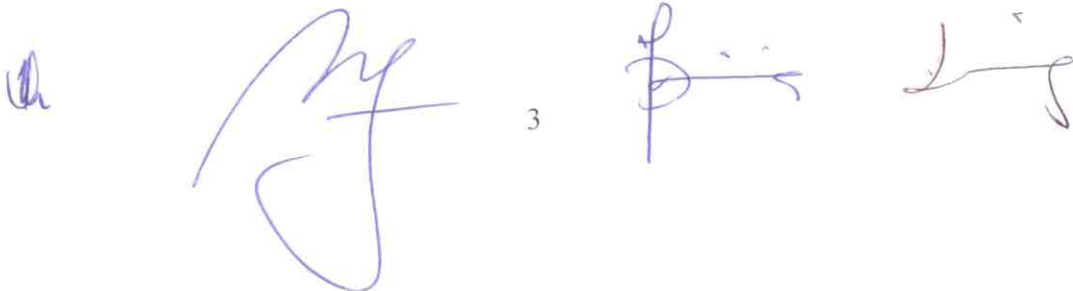
3.0 REVIEW OF EAMET WORK PLAN AND CALENDAR

The meeting considered the EAMET work plan and calendar. Below is a summary of the deliberations.

3.1 Intercomparisons

3.1.1 Evaluation workshop on Mass inter-comparison

It was reported that the evaluation workshop on mass inter-comparison took place between 5th and 7th February 2008 in Kampala, Uganda and the final report was finalized and submitted. The exercise was successfully completed.

The image shows four handwritten signatures in blue ink. The first signature is on the far left, followed by a large, stylized signature. To the right of this large signature is the number '3'. Further right are two more signatures, one of which appears to be a name starting with 'P'. The signatures are written on a white background.

3.1.2 Evaluation workshop on Temperature inter-comparison: LiG

It was reported that the evaluation workshop on liquid in glass thermometer inter-comparison took place between 8th and 11th April 2008 in Addis Ababa Ethiopia, final report submitted and the exercise was concluded.

3.1.3 Temperature inter-comparison in PRT

The measurements have been completed but the pilot laboratory (Ethiopia) is yet to submit the Draft Report.

It was recommended that WG – Thermometry Chair communicates to the pilot laboratory to expedite the release of the Draft Report and arrange for the subsequent evaluation workshop.

3.1.4 Other intercomparisons:

(a) It was reported that a bilateral key comparison in Force measurements between KEBS and NMISA to support KEBS' CMCs has been planned.

(b) Intercomparison in Small Volume

It was agreed that TBS shall be the pilot laboratory and PTB has offered to provide the artifact.

(c) Pressure intercomparison

-The protocol have been circulated within member states for comments and the Sub-WG on Pressure shall meet to discuss the protocol.

3.1.5 ISO 17025 Assessor Training

The meeting noted that the training is needed for the metrologists within the EAC, because the previous trainings in this aspect mainly benefitted staff in quality assurance and testing. PTB Coordinator has offered to support this activity.

3.1.6 ISO 17020 Training of legal metrology staff members in Kampala

The event did not take place as per the calendar due to lack of funds. However, it was reported that PTB has agreed to support the event. The event is planned to take place in July, 2009.

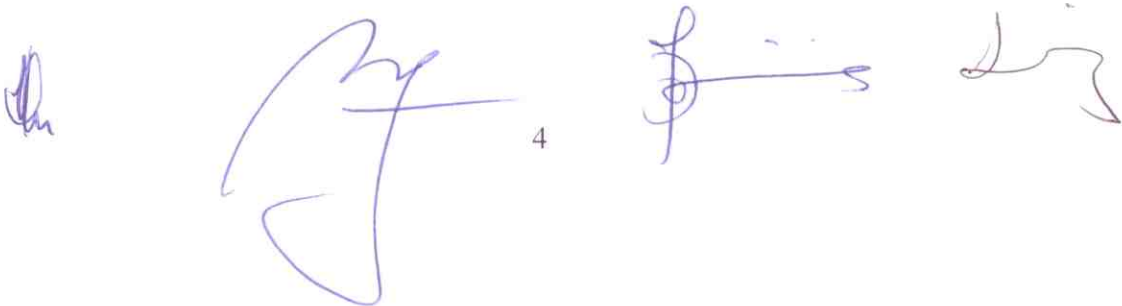
3.2 EAMET's Calendar

The meeting discussed and agreed on revised EAMET's calendar of activities. The same is attached hereto as Annex IV

4.0 AFRIMETS and international metrology matters

The meeting was informed that, effective from October, 2008, AFRIMETS became the Regional Metrology Organization (RMO) for Africa and that all other metrology organizations in the continent, such as the SADC MET and the EAMET become the Sub-Regional Metrology Organizations (SRMOs).

EAMET partner states were encouraged to apply for BIPM membership or CGPM associate membership so that they can participate in the CIPM MRA. Participation in CIPM MRA will assure traceability and facilitate trade and infrastructure development in the member states



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It was further reported that the sponsorship offer from UNIDO to facilitate metrology institutions in Uganda and Rwanda become associate members of the CGPM is yet to be effected.

It was reported to the meeting that the 44th CIML meeting will take place in Mombasa from 26th to 30th October, 2009. Non-members of OIML within the EAC have been invited to participate as observers.

The Sub-Committee urges partner states to attend.

5.0 World Metrology Day

The meeting noted that the World Metrology Day will be celebrated worldwide on 20th May, 2009. The meeting agreed that each member state decide individually on how to celebrate the event.

This year's theme for the day shall be METROLOGY IN COMMERCE.

6.0 Any Other Business

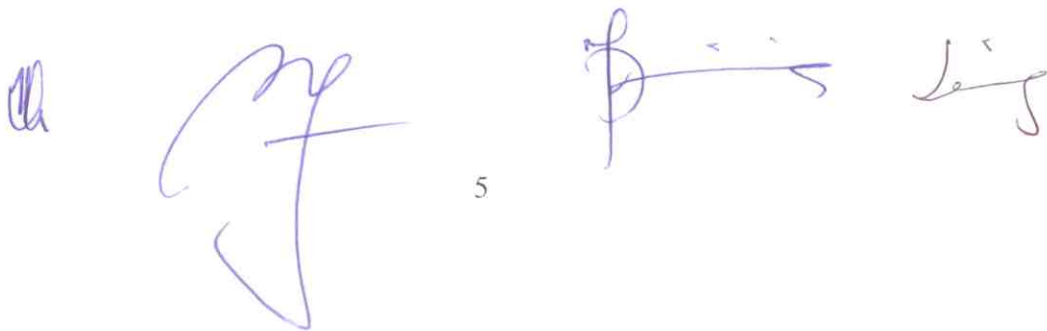
6.1 Centre of excellence for Metrology Education

The meeting noted with concern the lack of information on the progress of College of Business Education (CBE) in Dar – Es – Salaam being the center of excellence for Metrology Education in the EAC.

The Sub-Committee has discussed this issue on a number of times and would like to know how far the matter has gone.

7.0 Date of Next Meeting

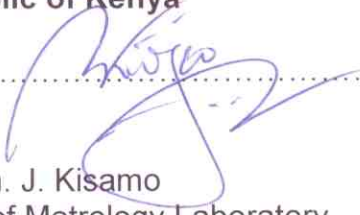
The Sub-Committee agreed to hold its regular meetings in accordance with the EAC calendar.



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Signed on this 5th day of May, 2009 by the respective Heads of the Delegations as below:

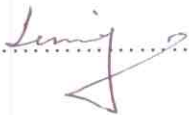
Joel. M. Kioko
Director, Metrology and Testing
Kenya Bureau of Standards
Republic of Kenya



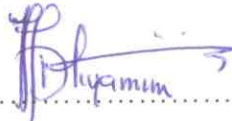
Ingram. J. Kisamo
Head of Metrology Laboratory
Tanzania Bureau of Standards
United Republic of Tanzania



Yasin Lemeriga
Manager National Metrology Laboratory
Uganda National Bureau of Standards
Republic of Uganda



Patrice Ntiyamira
Head of Metrology Unit
Rwanda Bureau of Standards
Republic of Rwanda



Simeon Misigaro
Head of Weights and Measures Unit
Bureau Burundais de Normalisation
Republic of Burundi



List of Delegates**KENYA****Mr. Joel M. Kioko**

Director, Metrology and Testing
Kenya Bureau of Standards
P.O. Box 54974 -00200, **Nairobi, Kenya**
Tel: +254 20 6948244
Fax: +254 20604031
Email: jkioko@kebs.org,joelkioko@hotmail.com

Mr. Dennis Moturi

Chief Manager, Metrology Department
Kenya Bureau of Standards
P.O. Box 54974 -00200, **Nairobi, Kenya**
Tel: +254 20 6948295
Email: dmoturi@kebs.org

Mr. John Bukhebi Wamwana

Senior Weights & Measures Officer
Weights & Measures Dept. Ministry of Trade
P.O. Box 41071- 00100
Nairobi, Kenya
Tel: +254 20 604831
Fax: +254 20 600573/600621
Email: weights@trade.go.ke,
wamwana.weights@trade.go.ke,bukhebi2002@yahoo.co.uk

RWANDA**Mr. Ntiyamira Patrice**

Head of Metrology Unit
Rwanda Bureau of Standards
P.O. Box 7099
Kigali, Rwanda
Tel: +250 55103637
Mobile: +250 78 8303604
Fax: +250 583305
Email: ntiira@yahoo.com,patn@rbs.org.rw

UGANDA**Mr. John Paul Musimami**

Manager Legal Metrology Department
Uganda National Bureau of Standards
P.O. Box 6329
Kampala, Uganda
Tel: +256 712419204
Fax: +256 414 286123
Email: jpmusimami@unbs.go.ug

Mr. Philemon Dominick Msoke

Senior Tutor
College of Business Education
P.O. Box 1968

Dar es Salaam, Tanzania

Tel: 0752220828
Fax: +255 22 2150122
Email: msokephilemon@yahoo.com

Mr. Alban Kihulla

Senior Weights & Measures Officer
Weights & Measures Agency
P.O. Box 313

Dar es Salaam, Tanzania

Tel: 0754 071120
Email: alban2001_5@yahoo.com



EAST AFRICAN COMMUNITY SECRETARIAT

**13TH MEETING OF THE EAST AFRICAN STANDARDS COMMITTEE TECHNICAL
SUB-COMMITTEE ON METROLOGY**

**4th to 5th May 2009
NAURA SPRINGS HOTEL, ARUSHA, TANZANIA**

AGENDA

- 1.0 Opening of the meeting
- 2.0 Consideration of Matters Arising from the Report of the 12th EASC Sub-Committee on Metrology Meeting and Meeting of Legal and Metrology Experts held in Kampala.
- 3.0 Review of EAMET Work Plan and Calendar
- 4.0 Consideration of Reports from EAC contact person(s) on matters from AFRIMETS and other international bodies
- 5.0 Consideration of the Regional Activities to celebrate World Metrology Day
- 6.0 Any Other Business

EAMET-1

EAMET STRUCTURE

**East African Metrology Technical
Subcommittee
(EAMET)**

Technical Committees (TC)

TC1
Metre convention and CIPM MRA matters

C/M Kioko
VC/Kisamo

TC2
Metrology Education and Training

C/M Mzomwe
VC Yasin
Wamwana

TC3
Metrology Facilities & Infrastructure

C/M Patrice
VC/M Paul

TC4
Metrology Legislation

C/M Moses
VC/M Wamwana

TC5
Small and Medium Enterprise support

CM Yasin
VC/M Musigaro

Working groups

Acoustics, Ultrasound and Vibration
Gacheru

Electricity and magnetism
Aguko/ Kagoma/Isite H

Ionizing radiations
Masinza

Mass and related quantities
Kisamo/ Tonui/Kiwanuka/Karamuzi

Dimensional
Bahati/ Kadenge/ Mashira/Baire

Photometry and radiometry
Mutuku

Amount of substance /Chemical Metrology

Thermometry
Kagoma/Egadwa/Rwashana/Muzungu

Time and frequency
Ibrahim/ James/Denis/ Patrice

Units
Mutori/ Ziagi/Yasin/Habimana

Quality management systems
Kisamo/Kahihia/Yasin/Barigye

Education and awareness

Training
H.R. Kiulla

Weights and Measures Act

Weights and Measures regulations

Force
Mfaume/Bangi/Kiwanuka/Sibomana

Volume and Flow
Vida/Ondoro/Nyonda/Barigye

Pressure
James/Okoth/Kizito/Kamirindi

Density and Viscosity
Toweet/Senkaayi

METROLOGY – TECHNICAL SUBCOMMITTEE (M TSC)
 DIARY/ ACTIVITY PLAN 2009 / 2010

MONTH	DATES	DAY	ACTIVITY	ID	LOCATION	REMARKS
JANUARY						
FEBRUARY						
MARCH						
APRIL						
MAY	4 th to 5 th	Monday	EAMET Meeting		Arusha	Concluded
	20 th	Wednesday	World Metrology Day		Each partner state	
JUNE			Pressure inter-comparison		KEBS	starting
			Temperature inter-comparison in PRT		Dar Es Salaam	Follow up on the results
			Force inter-comparison KEBS – NMISA		Nairobi and Pretoria	

