



BIML 04 N° 554/JFM

18 May 2004

Note to CIML Members and OIML Corresponding Members

Subject: Experts for developing papers on equipment for Developing Countries

Dear CIML Members and Corresponding Members,

As you know, the Development Council's Working Group on *Equipment* was disbanded at the Development Council and CIML Meetings in 2003. The tasks of this WG will be replaced by reports on the equipment recommended for certain legal metrology issues in Developing Countries, developed by experts hired by the BIML.

You will find in Annex 1 a list of studies which experts may be asked to undertake, and in Annex 2 the Terms of Reference for these experts' jobs.

You are kindly requested to fill in the questionnaire attached in Annex 3, indicating the level of priority for the proposed studies.

If you wish to recommend any experts, please send their details, indicating which of these studies you consider that they can undertake, to the Bureau, using a separate copy of the form attached in Annex 4 for each expert.

Your proposals should be sent at the latest by July 15, 2004.

Any other comments will be welcome.

Sincerely yours,

J.F. Magaña
BIML Director

Annex 1

List of studies which experts may be asked to undertake

Study no. 1

To develop the list and specifications of equipment needed by a country in order to control, by sampling, imported load cells of 30 kg maximum capacity concerning:

- their conformity to type by reference to their OIML Certificate and test report, and
- their conformity to the requirements of R 60 (edition 1995 or edition 2000).

The report shall include recommendations for the maintenance and recalibration of this equipment.

Study no. 2

To develop the list and specifications of equipment needed by a country in order to control, by sampling, imported nonautomatic weighing instruments (NAWIs) of maximum capacity of 30 kg concerning:

- their conformity to type by reference to their OIML Certificate and test report, and
- their conformity to the requirements of R 76.

The report shall include recommendations for the maintenance and recalibration of this equipment.

Study no. 3

To develop the list and specifications of equipment needed by a country in order to control, by sampling, imported modules of NAWIs of 50 tons maximum capacity, concerning:

- their conformity to type by reference to their type test report (OIML Certificates for modules are not yet available but should be possible shortly), and
- their conformity to the requirements of R 76.

The report shall include recommendations for the maintenance and recalibration of this equipment.

Study no. 4

To develop the list and specifications of equipment needed by a body to carry out the in-service inspection of NAWIs of 30 kg maximum capacity,

- in a geographical area of 2 000 km² (the recommended size of this area may be discussed by the expert),
- these NAWIs having to be inspected every two years,
- this inspection being realized on the spot or in temporary inspection centers set up by the inspection body in local premises put at its disposal.

The report shall include recommendations for the maintenance and recalibration of this equipment.

Study no. 5

To develop the list and specifications of equipment needed by a body to carry out the in-service inspection of NAWIs of 50 tons maximum capacity,

- in a geographical area of 40 000 km² (the recommended size of this area may be discussed by the expert),
- these NAWIs having to be inspected every two years,
- this inspection being realized on the spot.

What additional equipment is needed to extend this to a maximum load of 100 tons ?

The report shall include recommendations for the maintenance and recalibration of this equipment.

Study no. 6

To develop the list and specifications of equipment needed by a country in order to control, by sampling, imported modules of fuel dispensers concerning:

- their conformity to type by reference to their type test report (OIML Certificates for modules are not yet available but should be possible shortly), and
- their conformity to the requirements of R 117 – R 118.

The report shall include recommendations for the maintenance and recalibration of this equipment.

Study no. 7

To develop the list and specifications of equipment needed by a body to carry out the in-service inspection of fuel dispensers,

- in a geographical area of 10 000 km² (the recommended size of this area may be discussed by the expert),
- these fuel dispensers having to be inspected every two years.

The report shall include recommendations for the maintenance and recalibration of this equipment.

Study no. 8

To develop the list and specifications of equipment needed by a body to carry out the in-service inspection of automatic gravimetric filling instruments,

- in a geographical area of 10 000 km² (the recommended size of this area may be discussed by the expert),
- these instruments having to be inspected every two years.

The report shall include recommendations for the maintenance and recalibration of this equipment.

Study no. 9

To develop the list and specifications of equipment needed by a body to inspect prepackages, in a geographical area of 10 000 km² (the recommended size of this area may be discussed by the expert),

- for bottled liquids from 0.2 litre to 5 litres,
- for prepacked food products from 50 g to 5 kg.

The report shall include recommendations for the maintenance and recalibration of this equipment.

Study no. 10

To develop the list and specifications of equipment needed by a body to carry out the in-service inspection of discontinuous totalizing weighing instruments,

- in a geographical area of 40 000 km² (the recommended size of this area may be discussed by the expert),
- these instruments having to be inspected every two years,
- this inspection being realized on the spot.

The report shall include recommendations for the maintenance and recalibration of this equipment.

Annex 2

Terms of Reference for missions by experts

The study will be conducted in four phases:

Phase 1

The expert works out a first draft paper answering the questions addressed in the study definition and sends it to the BIML. The deadline for developing this first draft is two months.

Phase 2

The BIML circulates this draft paper among CIML Members, who shall send their comments to the BIML within a deadline of two months.

The BIML sends the set of comments to the expert.

Phase 3

The expert reviews these comments, and develops:

- a final report which represents his own views, after having considered the comments received,
- a note explaining his position on the main comments received.

The deadline for this final work is two months.

Phase 4

The BIML publishes the final report as being an expert report (not an official OIML document), and publishes the accompanying note on the restricted access "Members pages" of the OIML web site.

Annex 3

Level of priority for the proposed studies

Country:

Please indicate for each proposed study (described in Annex 1) the level of priority that you consider appropriate. This level of priority should be noted from 0 to 10, 0 being the lowest priority and 10 the highest.

Study	Subject: equipment and procedures for	Priority
Study no. 1	Conformity of load cells of 30 kg maximum capacity	
Study no. 2	Conformity of Nonautomatic weighing instruments (NAWIs) of 30 kg maximum capacity	
Study no. 3	Conformity of modules of NAWIs of 50 tons maximum capacity	
Study no. 4	Inspection of NAWIs of 30 kg maximum capacity	
Study no. 5	Inspection of NAWIs of 50 tons maximum capacity	
Study no. 6	Conformity of modules of fuel dispensers	
Study no. 7	Inspection of fuel dispensers	
Study no. 8	Inspection of automatic gravimetric filling instruments	
Study no. 9	Inspection of prepackages	
Study no. 10	Inspection of discontinuous totalizing weighing instruments	

Other studies suggested:

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Annex 4

Expert recommended by a CIML Member

Member State:

CIML Member:

Recommended expert:

Name:

Address:

Tel, Fax:

E-mail:

Studies for which this expert could be contacted by the BIML (see list in Annex 1):

References which justify the recommendation of this expert:

(Experience in the field, experience of technical assistance to Developing Countries: please give details)