



New work project proposal for TC 3/SC 3 Reference materials



PROPOSAL FOR A NEW PROJECT

Within: TC 3/SC 3 “Reference Materials”

Date: 21.06.2012

Proposer(-s) TC 3/SC 3 Secretariat (Organization, holding TC 3/SC 3 is the Ural Research Institute for Metrology (UNIIM), Ekaterinburg, Russia)

Type of proposed publication: New Revised
 Recommendation Document Vocabulary Guide

Title of proposed publication:

“General requirements for the programme of reference material certification”

Scope of the project:

The project covers documented procedures for characterization, testing of reference material homogeneity and stability, used by reference material producers, involved in the periodically recurring release of reference materials of the given type.

The document is intended for reference material producers, documenting the procedures for reference material production in compliance with established requirements.

Why should the OIML develop this publication?

OIML D 18 “The use of certified reference materials in fields covered by metrological control exercised by national services of legal metrology. Basic principles” establishes requirements for technical documentation on RMs, which shall include the program and procedure for certification of reference materials. The requirements for drafting these documents are not presented in OIML publications. ISO Guide 34:2009 “General requirements for the competence of reference material producers” and ISO Guide 35:2006 “Reference materials – general and statistical principles for certification” outline general stages of the determination of metrological characteristics of reference materials and general requirements for carrying out works. These documents do not contain the requirements for the content of documented procedures, describing specific conditions of characterization, testing of homogeneity and stability of similar reference materials, produced in lots for a long time. The development of the document, describing the requirements to the content of documented procedure for the determination of metrological characteristics of reference materials, will assist a reference material producer in:

- complying with specific necessary conditions of work in periodic release of new batches of certain types of reference materials;
- ensuring the release of reference materials with required metrological and technical characteristics and intended use;

- improving its quality management system in conformity with the requirements of ISO Guide 34.

Considering the above, we believe that the development of the document is relevant and will be useful for the producers of reference materials.

List of countries known to regulate or intend to regulate this category of interest:

Belarus, Kazakhstan, Slovakia, Russia.

Relevant associated OIML publications:

OIML D 18 “The use of certified reference materials in fields covered by metrological control exercised by national services of legal metrology. Basic principles”

List of appropriate liaisons and their work related to this proposed project:

ISO Guide 34:2009 “General requirements for the competence of reference material producers”;
ISO Guide 35:2006 “Reference materials – general and statistical principles for certification”.



FEDERAL AGENCY
ON TECHNICAL REGULATING
AND METROLOGY

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To: BIML
OIML TC 3/SC 3 "Reference materials"
Member States
and Liaisons

253.6/3920 21 June 2012

*Subject: development of a new document
within TC 3/SC 3*

Dear colleagues,

TC 3/SC 3 "Reference materials" suggests including in TC 3/SC 3 program of work the project on the development of a new document "General requirements for the program of reference material certification".

I wish to submit for your consideration a proposal with a rationale for developing this document prepared using the form of Annex B.1 of the Directives for OIML technical work, edition 2011, Part 1: Structures and procedures for the development of OIML publications.

Please let us know your point of view concerning the feasibility of developing this document within TC 3/SC 3 no later, than September 25, 2012.

With best regards,

Dr. S. Medvedevskikh
Acting Director, UNIIM

