



**SNAS**

**SLOVAK NATIONAL ACCREDITATION SERVICE**  
Karloveská 63, P. O. Box 74, 840 00 Bratislava 4

Copy No.:

**Decision of the Director**  
**RR-P13**

**SNAS POLICY IN THE FIELD OF TRACEABILITY OF  
MEASUREMENTS**

Approved by: **Ing. Jozef Obernauer**  
**Director**

.....  
Signature

Date: **May 3, 2010**

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**PURPOSE:**

**This document determines SNAS policy in the field traceability of measurements.**

Elaborated by: **Ing. Karol Richter**

Date of elaboration: **May 3, 2010**

Verified by: **Ing. Tibor Czocher, MPH**

By coming into force of this RR expired the validity of **RR-P13** from October 10, 2009.

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**1 SNAS POLICY IN THE FIELD OF TRACEABILITY OF MEASUREMENTS**

- 1.1. Accredited entities demonstrate equivalency of their work by ensuring acceptable traceability of measurements and by participation in proficiency testing and interlaboratory comparison measurements.
- 1.2. All measurements having an influence on results of laboratory activities (testing and calibration laboratories and inspection bodies) shall have ensured a correspondence to basic units SI that are finally carried out by means of primary etalons. The requirements for correspondence with the SNAS accreditation are specified by MSA – L/13 that is a translation of the complete wording of the EA-4/07.
- 1.3 The term correspondence shall mean a process, by which the data issued by the measurement apparatus (or a materialized measure) may be compared in a corresponding manner through one or more level with a national etalon for this measured variable.
- 1.4 The calibration in each of these stages shall be carried out by means of the etalon, which metrology quality is always determined by the calibration provided by an etalon on the highest level. Therefore there exists a calibration hierarchy as it can be seen on the Figure No. 1. This figure illustrates how the system of internal calibration (on the right side of the diagram) may be related to the existing metrology infrastructure (the left side of the diagram).

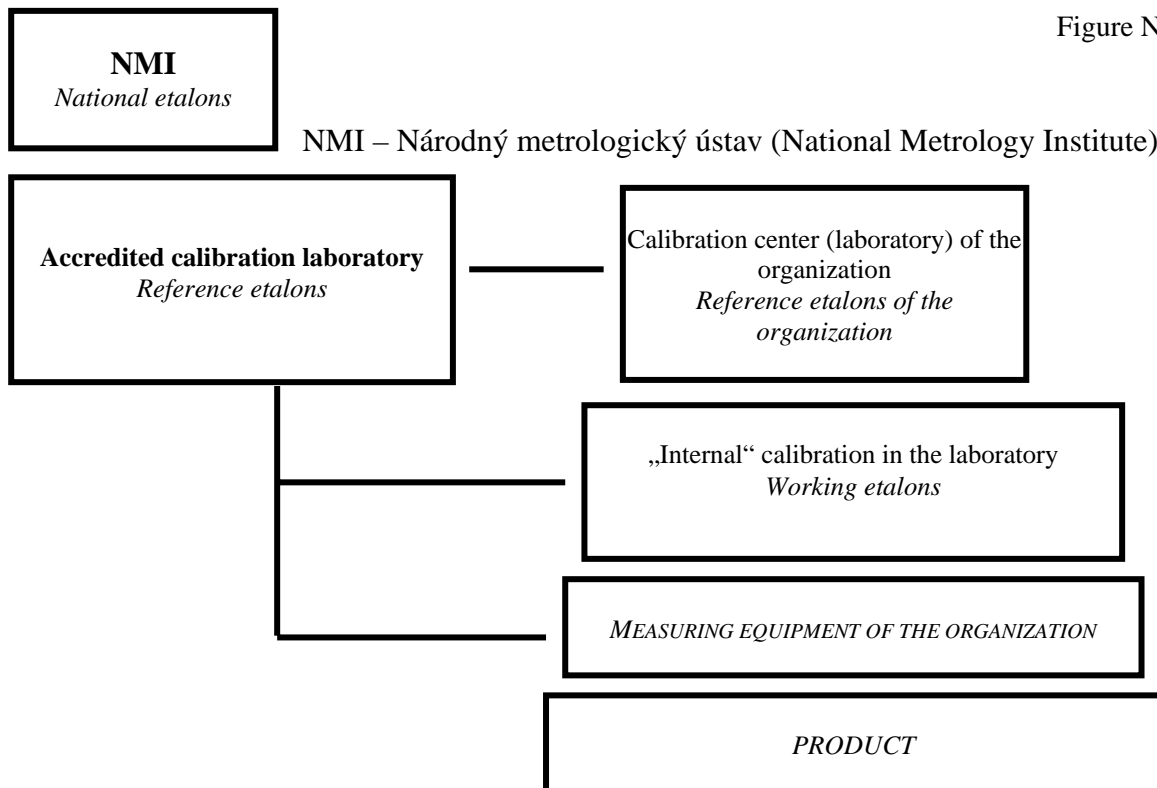


Figure No. 1

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1.5. SNAS accepts traceability of standards located in:

- Slovak Institute of Metrology;
- calibration laboratories accredited by the Slovak National Accreditation Service (SNAS);
- national metrological institutes, which are signatories of Mutual Recognition Agreement closed by members of Metric Convention, took part in key comparisons and demonstrated meeting agreed requirements of recognition;
- foreign calibration laboratories accredited by accreditation bodies which are signatories of Mutual Recognition Agreement within EA or ILAC.

## 2 SLOVAK METROLOGY INSTITUTE

- 2.1 The Slovak Metrology Institute acts as special coordinator of the physical and technical execution, international comparison, storage and handing over of values of national etalons and their scales to other etalons and gauges in the Slovak Republic.
- 2.2 The Slovak Metrology Institute is the principal specialized body of the national metrology.

## 3 ACCREDITED CALIBRATION LABORATORIES

- 3.1 The calibration laboratories in the Slovak Republic are accredited in accordance with the STN EN ISO/IEC 17025:2005 by the Slovak National Accreditation Service (hereinafter referred to as the “SNAS”), which is the recognized national accreditation system of Slovakia.

## 4 CORPORATE CALIBRATION

- 4.1 The system of internal calibration shall ensure a regular calibration of each measuring equipment and testing device in the organization by means of own reference etalons.
- 4.2 The hierarchy of etalons shall be in accordance with the EA-4/07, article 6.4.3.

## 5 CERTIFIED REFERENCE MATERIALS

- 5.1 The correspondence in various areas of activities of laboratories shall be ensured by means of reference or certified materials. If the correspondence of measurements to the SI units is not possible then SNAS shall accept the use of reference or certified reference materials complying with the requirements for provision of comparability of measurement results.

## 6 RELATED DOCUMENTS

ISO/IEC 17011 General Requirements for Accreditation Bodies Accrediting CABs

SNAS Quality Manual

IP-2 Assessment preparation and management

MSA-L/13 Traceability of Measurement and Testing Equipments to National Standards (EA-4/07)

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