



**42nd CIML Meeting, Shanghai, 2007**

**Item 8.2 – Information regarding TC/SC work**

**A. OIML TC 16/SC 1 and ISO TC 22/SC 5 joint work**

In the conclusions of its last meeting held on 14 September 2007 in The Netherlands, the Joint Working Group suggested that OIML R 99/ISO 3930 should not be extended to diesel engines. It was suggested that a separate document should be drawn up for instruments measuring diesel engine exhaust gas. To this end, the United States (NIST) will submit to ISO TC 22/SC 5 at its next meeting to be held in October in Washington DC a proposal for a new work item on this issue.

Consequently, depending on the ISO decision, this could become a new OIML/ISO joint project in 2008. The United States indicated that they could manage the project for both ISO and the OIML.

**B. OIML TC 3 - Guide on modules for metrological control procedures**

TC 3, for which the USA holds the Secretariat, is planning to send an inquiry to members of TC 3 and TC 3/SC 1 concerning methods and systems of metrological control of measuring instruments within members' countries.

The results of the inquiry and a survey of existing OIML Recommendations and Documents may be used to draw up a "handbook" of metrological control procedures. The purpose of the handbook is to explain and describe the various modules that may be applied.

**C. OIML TC 3/SC 5 - work progress on project p2: *Expression of uncertainty in measurement in legal metrology applications***

The Secretariat of OIML TC 3/SC 5 has been working, in collaboration with others, to develop a first Working Draft (WD) of an OIML Document on the "Incorporation of measurement uncertainty into conformity assessment decisions in legal metrology". It has been decided to fully incorporate the approach used in the GUM, in which quantities are treated on a probabilistic basis. In the OIML Document, "error" will be treated as measurable quantity, just like any other measurable quantity, and a probabilistic approach will be taken to using "error". The intention of the Secretariat is to hold a meeting of OIML TC 3/SC 5 in the first half of 2008 to discuss, among other things (revision of OIML B 3 and OIML B 10), how this philosophy can be incorporated in a natural way into the OIML Document. The variety of practices for incorporating measurement uncertainty currently used in OIML Recommendations will also be covered.