



**Note to CIML Members and
OIML Corresponding Members**

Subject: New Expert Report *Guidance on the selection and implementation of performance requirements for utility meters containing additional functionalities*

Dear Colleagues,

The BIML has just published OIML E 6:2011 *Guidance on the selection and implementation of performance requirements for utility meters containing additional functionalities*. This Expert Report was written by George M. Teunisse (Verispect B.V., The Netherlands) following the OIML Seminar on Smart Meters, which took place in Brijuni, Croatia on 2–5 June 2009. It may be downloaded from the “Publications” page of the OIML web site <http://www.oiml.org/publications?publi=7> .

The main purpose of the Seminar was to enable the OIML to take note of recent developments in smart metering and to investigate the impact on the international harmonization of legal requirements for utility meters. The following two main conclusions were drawn:

1. For utility meters, it is the opinion of the participants that metrological control extends to the point where the consumer can verify that the measurement results used for billing are consistent with the reading of the meter.
2. As a follow-up to this Seminar, it would be appropriate for the OIML to develop some kind of guidance paper for those OIML TCs and SCs that deal with utility meters, containing suggestions for the application of OIML Documents D 11:2004 *General requirements for electronic measuring instruments* and D 31:2008 *General requirements for software controlled measuring instruments* to utility meters and for additional requirements and (immunity) tests to be considered.

Considering the time constraints and the limited “shelf life” of such a guidance paper, it was considered more efficient to publish it as an OIML Expert Report rather than to allocate this task to an existing OIML TC/SC as a new work item. The content of this Report is not specifically restricted to utility meters but should be especially helpful in the development of new Recommendations or the revision of existing Recommendations on such measuring instruments. It provides the necessary information on how to accomplish the relevant OIML objectives and explains how to decide whether to include additional performance requirements.

Yours faithfully,

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