



19 October 2006

## Information for laboratories registering to participate in BIPM.QM-K1

BIPM.QM-K1 is a key comparison for ozone reference standards coordinated by the BIPM. It will be run as an on-going key comparison, with a call for participants made every two years. The first cycle of BIPM.QM-K1 will be carried out during the period 2007-2008. Following consultation with the CCQM-GAWG, laboratories are free to choose the frequency with which they participate in the key comparison, but this should not be more than once every two years. Only laboratories listed in [Appendix A of the CIPM-MRA](#) are eligible to participate in BIPM.QM-K1. Following the decision of the CIPM, laboratories listed in the CIPM-MRA Appendix A from Associates of the General Conference may participate in BIPM.QM-K1 if there is no equivalent regional comparison provided within their Regional Metrology Organization (RMO).

The comparison protocol and associated forms can be found on the BIPM website. Completed registration forms should be sent to the comparison coordinator [Dr J. Viallon \(BIPM\)](#).

The pilot study is aimed at evaluating the degree of equivalence of ozone reference standards that are maintained as national standards, or as reference standards within international networks for ambient ozone measurements. Instruments sent to the BIPM for participation in the comparison should be either primary standards or secondary standards with values traceable to a primary standard. The BIPM will be establishing a calibration service for national ground-level ozone standards in 2007. National laboratories wishing to make use of this service should contact the [BIPM Head of Chemistry Section](#).

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