



23 March 2011

## 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 is run as an on-going key comparison. Following the first cycle of BIPM.QM-K1 which was carried out during the period 2007-2008, it was decided in consultation with the CCQM-GAWG that laboratories are free to choose the frequency with which they participate in the key comparison, with a recommendation to participate once every four 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 key comparison 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 also provides a calibration service for national ground-level ozone standards. Laboratories wishing to make use of this service should contact [Dr J. Viallon \(BIPM\)](#) for the relevant calibration request forms.

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