



Dutch
Metrology
Institute

Facts Sheet Interlaboratory Comparison

Geo - Gauge Blocks – 2017 – Round 2

Visiting Address:

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Information about the artifacts to be circulated:

Nine gauge blocks made of steel, preliminary dimensions: L= 1.5 mm, 2.0 mm, 2.5 mm, 3 mm, 25 mm, 30 mm, 50 mm, 80 mm, 100 mm and 300 mm.

Quantity to be measured:

Deviation from the nominal length measured at the center point and at the four corner points.

Reference laboratory:

VSL, the Dutch National Metrology Institute (traceability of the reference values is guaranteed)

Estimate number of participants:

Minimum number of participants: 6
Maximum number of participants: 10

Measurements protocol:

Mechanical comparison of gauge blocks in the center point and the four corner points according to ISO 3650.

The protocol will be provided with the artifact, participants have two weeks to perform the calibrations.

Fee:

€ 1250,00 (ex. VAT & transport)

Evaluation:

Evaluation by E_n value.

All participants will receive a report and certificate of the interlaboratory comparison within two months after ending the comparison cycle.

Accreditation:

The organisation of this Interlaboratory Comparison is in accordance with the requirements of the ISO/IEC-17043.

Confidential statement:

"VSL keeps all data regarding the performance of individual participants, or groups of participants, strictly confidential. Data is accordingly protected and stored in areas on networks with restricted access. The relationship between results and the laboratories that submitted them will never be disclosed. Only the laboratory is granted access to its performance through the assigned code number."

Schedule:

Registration until 1 May 2017

Estimated start of the comparison cycle: July 2017

Estimated end of the comparison: December 2017

Requirement 5.9 ISO/IEC 17025:

Assuring quality of testing and calibration results: The laboratory will have quality control procedures for monitoring test validity and calibrations undertaken. This monitoring will be planned and validated and may include the following: *participation in interlaboratory comparisons or proficiency-testing programmes.*