



Dutch  
Metrology  
Institute

# Facts Sheet Interlaboratory Comparison

ILC-TH-Pt-100-Round 1



Calibration of a Pt-100 in the range -50 °C to 150 °C

## Scheme coordinator details:

VSL  
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## Information about the artifact to be circulated:

Pt-100 (MPT-6/S), 4 wire. Insertion depth 25 cm,  $\varnothing$  3 mm.

## Calibration points:

-50 °C, -25 °C, 0 °C, +50 °C, +100 °C, +150 °C (participants may choose a subset of this range)

## 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:

Will be provided with the artifact, participants has two weeks to perform the calibration

## Fee:

€ 650,00 (ex. VAT & transport)

## Evaluation:

Evaluation by  $E_n$  value.

All participants will receive a report and certificate of the interlaboratory comparison within two weeks 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 February 2017  
Start of the comparison cycle 1 April 2017  
Estimated end of the comparison is 15 December 2017

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### 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.*