



Dutch
Metrology
Institute

Facts Sheet Interlaboratory Comparison

Calibration of a Liquid Water Flow meter Round 1 (11-227 kg/min)

Visiting Address:

VSL
Thijssseweg 11
2629 JA Delft
The Netherlands

Mail Address:

VSL
P.O. box 654
2600 AR Delft
The Netherlands

Coordinator:

Peter van Otterloo
+31 15 269 1500
ComPass@vsl.nl

Information about the artifacts to be circulated:

Emerson model CMF 100 Coriolis flowmeter. This is a 1 inch twin tube Coriolis meter fitted with 1 inch ANSI 300 flanges. Also supplied with ANSI 1" #150 of couplings to DN25 PN40 flanges.

Quantity to be measured:

100% (227 kg/min), 80%, 60%, 40%, 20%, 10%, 5%
Test liquid is water @ ambient conditions

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:

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

Fee:

€ 1950.00 (ex. VAT & transport) Transport estimated between €2000 and €5000 due to the distance between participating facilities and heavy equipment.

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 October 2015
Estimated start of the comparison cycle: November 2015
Estimated end of the comparison: March 2016

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.*



Registration for Interlaboratory Comparison

Calibration of a Liquid Water Flow meter

Round 1 (11-227 kg/min)

Organisation/Laboratory:	
Contact person	
Title:	
Name:	
Tel:	
Fax:	
E-mail:	
Correspondance address	
Street / P.O. Box:	
Postal code:	
City:	
State / Province:	
Country:	
Delivery Address	
Street: <i>(do NOT use a P.O. box here)</i>	
Postal code:	
City:	
State / Province:	
Country:	
Invoice Address	
Street / P.O. Box:	
Postal code:	
City:	
State / Province:	
Country:	

Participation in:

ILC-Liquid Flow Round 1 € 1950.00

Purchase Order number:	
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Registration until 1 October 2015, minimum: 6 participants, maximum: 10 participants!

Signature: _____

Date:

Note:

- VSL reserves the right to cancel the ILC in case the number of participants is smaller than anticipated
- No refunds will be given for failure to take part in the ILC
- Upon receipt of payment, the report will be published.
- General Terms and Conditions of VSL B.V. are applicable
- Prices (EUR) are exclusive VAT and shipping costs

Please return form to:

VSL, Peter van Otterloo, P.O. Box 654, 2600 AR Delft, The Netherlands
Fax +31 15 261 2971 or E-Mail to ComPass@vsl.nl