Test Laboratory

For Measurement Devices of Water
For Measurement Devices of Heat

DIEHL Metering

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Test Report

Order Data:

Client No.	40819	Factory Order No.	1375839
Order No.	100332608 / 10	Quantity:	1
Part No.:	45600081	Test Article No.:	7073
		Date of receipt of test specimen:	09/06/2015

Meter / Test Data:

Type:	WP-XKA	Metrological Class:	A.H
DN [mm]:	125	Test procedure:	gravimetric
Nominal temperature [°C]:	120	Test temperature [°C]:	52,3
1 Impuls = [l]	100	Date of test:	09/06/2015

Test-point	Term	Test flow rate [l/h]	Test volume [l]	Error limits [%]		Measurement uncertainty [%] 1)
1	Q n:	91576,28	2538	-3,0	3,0	0,4
2	Q t A:	21855,50	1019	-3,0	3,0	0,4
3	Q min A:	8592,10	508	-5,0	5,0	0,4
4				0,0	0,0	
5				0,0	0,0	

Requirements giving rise to the test procedures:
Calibration Regulation, Calibration Instructions EEC 75/33 and 79/389, Directive 2004/22/EC on Measuring Instruments (MID) as well as the Technical Guidelines of PTB.
The comparison standards applied to the measurement are attached to the national comparison standards of the Federal Republic of Germany situated at Physikalisch-Technische Bundesanstalt (PTB).
1) The extended measurement uncertainty is indicated which results from the standard measurement uncertainty with the extension factor k = 2. The standard measurement uncertainty was calculated out of the test instruments, the test procedure and the uncertainty portions basing on the ambient conditions.
The test results listed in the annex exclusively refer to the above mentioned test specimen. This test report ist allowed to be propagated only completely and unaltered. Extracts and alterations are reduced to be written permission of the issuing test laboratory.

Date: 10/12/2015

Head of the Test Laboratory: *W. Kluge*

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Enclosure to the Report:

Order Number: 100 332608 / 10

Factory Order Number: 1375839

Test results:

	Error of Measurement [%]:		
Serial Number:	Q n:	Q t A:	Q min A:
53036079	0,2	0,8	1,4