Diaphragm gas meters
Pattern evaluation report

Project number	**: 12200033**
Test report number	**: NMi-12200033-01**
Applicant	: Apator Metrix S.A. Piaskowa 3 83-110 Tczew Poland
Manufacturer	: Metrix
Type	: UG T
Test specifications	: EN 1359:1998/A1:2006 "Diaphragm gas meters"
Testing period	: March up to and including April 2012
Issued by	: NMi Certin B.V. Hugo de Grootplein 1 3314 EG DORDRECHT The Netherlands
Signature	:
Date	: 2 May 2012

Ing. H.S. Schouten
Senior Approvals Expert

Ing. J. van der Giessen
Approvals Expert

NMi Certin BV
Hugo de Grootplein 1, 3314 EG Dordrecht
PO Box 394, 3300 AJ Dordrecht, NL
T +31 78 6332332
F +31 78 6332309
certin@nmi.nl
www.nmi.nl

TESTEN
RvA L 029

Tests : The meters as specified in annex 2 were tested for compliance with the standards as specified on page 1 of this test report. The performed tests are stated in annex 1. If applicable specific test conditions are stated at each test.

Results See annex 1 of this test report. The meter fulfils the class 1,5 requirements of the EN 1359:1998/A1:2006 for all performed tests.

Based on the compliance with the EN 1359:1998/A1:2006 documents NMi presumes conformity with the Measuring Instrument Directive (MID). The investigation has resulted in a class 1,5 EC type-examination Certificate no. T10382 revision 1.

Traceability : The measurements have been executed using standards for which the traceability to (inter)national standards has been demonstrated towards the RvA.

Uncertainty : The reported uncertainty is based on a standard uncertainty multiplied by a coverage factor k=2, which provides a confidence level of approximately 95%.
The total uncertainty of the measurements of the error of indication is:

	at reference conditions:	at other conditions:
$Q \geq 400\ dm^3/h$:	0,3%	0,4%
$Q < 400\ dm^3/h$:	0,6%	0,7%

Annexes : The complete test report consists of the following annexes:

annex 1 : performed tests
annex 2 : characteristics of the tested meters
annex 3 : test data

Remarks : The examined UG T meter is a revised variant of the previously investigated UG T meter, while using the same measuring system, but with an increased center distance. For the tests which are not performed, as indicated in annex 1, a reference can be made to the previous investigations with the UG T meter, as presented in the test reports NMi-10200983-01 granted by NMi. The results of these tests can be applied also for the UG T with increased center distance.