



Nederlands Meetinstituut

Certificate

Nr. CVN/10124773/01
Project nr.10124773
Page 1 of 2

- Applicant Endress + Hauser
Hauptstrasse 1
Maulburg
Germany
- Submitted **An installation for verifying the level as indicated by free space radar level gauges.**
- Scope of Certification of the installation, on the basis of the demands in "OIML guideline R85 (edition 1998)" and on the basis of the "API Manual of Petroleum measurement standards, chapter 3, section 1B"
- Manufacturer: Endress + Hauser
Hauptstrasse 1
Maulburg
Germany
- Type: Test equipment 80802082 "Final radar gauge inspection".
- Test setup Refer to annex 1 of this certificate.
- Results The installation is suited for level measurements for Weights and Measures approval investigations and Weights and Measures verification investigations on the basis of the demands in the "OIML guideline R85 (edition 1998)".
- The installation is suited for level measurements on the basis of the demands in the "API Manual of Petroleum measurement standards, chapter 3, section 1B, article 3.1B.4.3".
- The total uncertainty in the level measurements is based on twice the standard deviation ($2s$), and is equal to 0.1 mm.
- Traceability The measurement equipment, used for the performed measurements are traceable to primary standards and/or (inter)national standards and/or properties of pure materials.
- Annexes Annex 1 - description of the installation.
Annex 2 - schematic drawing of the test rig.

Dordrecht, October 31st, 2000
NMI Certin B.V.

ing. W.A.C.M. van Leeuwen
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NMI test rig approval

Micropilot S FMR 53x

Endress + Hauser

The Power of Know How

