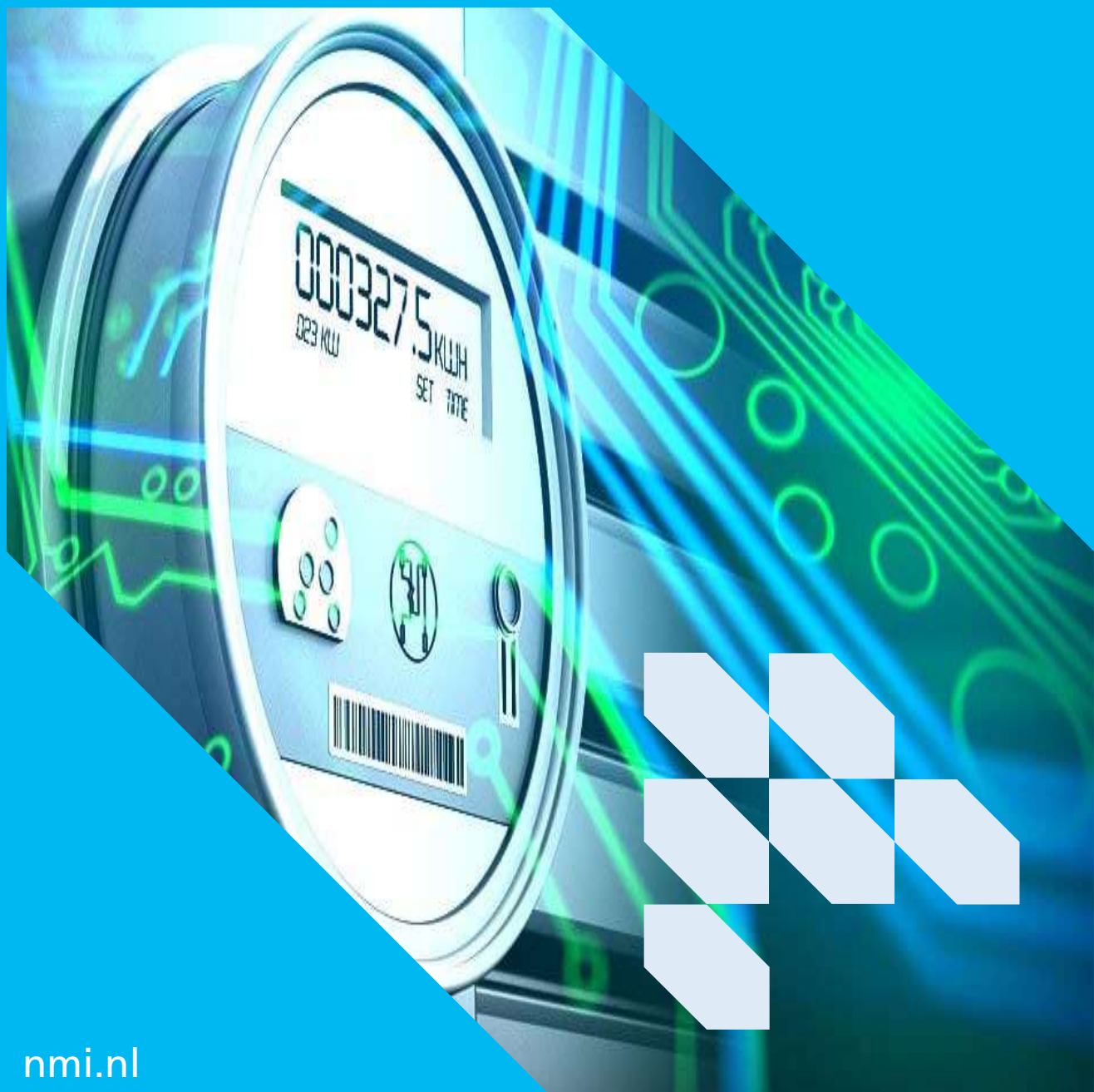


NMi Academy



nmi.nl



+ Want to improve your knowledge of testing, measurement uncertainties, test methods, quality systems, standards and regulations? Or do you seek specific information about testing, inspection or certification of a measuring system. NMi's standards-based training can help fill your knowledge gap.

TRAINING DELIVERED BY EXPERTS

Training delivered by experts working daily with measurements and examinations. NMi trainers actively participate in international working groups in standards, OIML recommendations and WELMEC, so the information you receive is always up to date. NMi training provides valuable theoretical knowledge and understanding. Supported and explained with examples from day-to-day practice and supplemented with practical exercises, NMi training enables you to put your new insights into practice immediately.

WHY NMi

NMi experts are all skilled in delivering high levels of coaching while employing a blended approach to ensure maximum engagement. We achieve this by:

- More than 30 years of legal metrology expertise
- Highly qualified team of trainers, senior experts and engineers
- Different engagement techniques and platforms.
- Partnership approach to developing training solutions that address your business objectives.

FOR WHOM?

Multi-level audience	• Operators, Technicians, Supervisors, Engineers, Managers and Contractors
Competence Levels	• Awareness, Basic application, Proficiency, Expert
Trainings That Are	• Insightful, Impactful, Globally Consistent
Delivery methods	• Online, In-house (NMi or Client), Public
NMi Trainers	• Highly Experienced Industry Experts
Languages	• English & Dutch (possibility of other languages upon request)

NMi Academy

For over 30 years, NMi Group has provided comprehensive standards-based training to professionals worldwide. We train and provide learning support tools to thousands of people each year, offering over 100 classroom-based and eLearning courses and webinars focused on helping company and industry experts increase efficiency and develop safer products and better business practices.

Courses outlined in this catalogue can be combined to create a Professional Education Programs. You can also work with our Sales & Support team to develop customized courses and education programs specific to your business needs.

Sample Professional Education Programs

Example 1: EU measuring instruments directive MID

- MID: MID Mod B and MID Mod D
- Welmec 7.2
- DC meters and EV charging stations
- Safety standard IEC 62052-31
- How to prepare for type approval project
- Workshop

Example 2: Basic of Oil and Gas metering

- Metrology basics and terminology
- Hydrocarbon measurement standards
- Flow metering basics: Gas
- Sampling and analysis: Automatic systems
- Flow metering: Liquid
- Calculation of Petroleum Quantities
- Tank product measurements: Measuring instruments

General

- Cyber Security
- Modular certification WELMEC 8.8
- Intro to MID
- Module-D MID 001-10
- Intro to OIML
- WELMEC 7.2
- UKCA & MID
- National legislator expert
- How to prepare for type approval projects
- Intro to Quality Systems: How to implement a company quality system
- Intro to Uncertainty Calculations GUM
- Intermediate Uncertainty calculations
- EU vs. National Regulations
- Measuring System Approval (MSAP)

For an informal discussion on our tailored in-company solutions, e-learning or competence development programs, please contact: training@nmi.nl

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Utilities

- Standards in motion kWh meters 2023
- EVCS Part 1
- EVCS Part 2
- IEC 62052-11 ed 1 to ed 2 gap analysis
- Risk analysis for safety standard: how and what
- Prepayment meters standard and SANS 2022
- DC meters standards and certification
- Power quality and Performance measuring and monitoring devices
- Ansi C12.01 and Ansi C12.20
- Durability testing IEC 62059-32-1
- Accelerated reliability testing and prediction
- Railway application: Energy measurement on board trains
- Tariffs and load control
- DE- legislation for kWh meters
- GB Code of Practice
- How to setup a EV / kWh lab
- Smart appliances PAS1878/PAS1879

Liquid & Gas

- Basic of Oil & Gas Metering in Europe (MID and other relevant standard)
- Hydrocarbon measurement standards
- Flow metering basics -fluids
- Flow metering basics -Gas
- Sampling and analysis – Automatic systems
- Automatic level gauges
- GC and CVDD certifications
- EVCDs certification
- Statische Vloeistof Hoeveelheidsmeters
- Measuring principles of gas meters (residential)
- Basic Multiphase Flow Metering (MFM)
- Gas meter stations
- Gas meters residential (module B)
- Gas meters industrial

EMC

- Electromagnetic compatibility (EMC) - Testing and measurement techniques

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NMi Academy

Liquid & Gas

- Liquid measuring systems
- Dynamic Flow Metering -Liquid part 1
- Dynamic Flow Metering -Liquid part 2
- Dispensation and inspection
- Metrological maintenance
- Measurement uncertainty
- Module F MID 005
- OIML R140
- Uncertainty calculations for off-shore gas measuring systems (USM / orifices)
- Water meters domestic
- How do you measure LNG
- CO2 Emission project
- H2 challenges in metering

Mobility

- Movable speed control
- Vehicles regulation: APK meetmiddelen
- Regulations measuring instruments police
- Payload and Drones testing and certification
- Particles number counter (PNC)
- Measuring sound
- Taxi meters regulations
- Consultancy for tolling system
- Calibration of the tunnel system for counting vehicles
- Speed camera types; differences/advantages and disadvantages/accuracy/Future systems
- Measuring with GPS: accuracy, challenges, state of the art in mobility sector
- Automatic number plate recognition
- Uitlaatgastester (exhaust gas analyser)
- Ademtestapparaat
- Ademanalyse-apparaat
- Boordcomputer taxi
- RMP (regelingmeetmiddelenpolitie 2022)
- Advice for Tenders about politie meetmiddelen - overheid
- National legislation mobility (NL)
- Automotive directives
- Break testing according to xxxx

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Weighing

- NAWI general
- Medical scale (NAWI)
- Weeginstrumenten algemeen
- Indicators
- Capacity measuring
- Load cells
- Automatic weighing instruments general
- Continuous totiliser R50
- Automatic catchweigher R51
- Automatic gravimetric weighing instrument R61
- Discontinuous totiliser R107
- Rail-weighbridge R106
- Multi-dimensional R129
- Point of Sales
- Weighing in motion
- E-merk Software
- Load cell calibration algemeen
- Module D Weighing

Verification

- E-merk algemeen
- E-merk how to determine the frequency of calibration and how to reduce the calibration frequency
- E-Merk: difference between powder, liquid and solid products
- E-Merk for powdered products
- E-Merk for liquid products different densities
- E-Merk for sliced products
- E-Merk for bakery products
- Erkend keurder gas & EVHI
- Erkend keurder vloeistof
- Erkend keurder wegen
- Content volume
- Keuren Algemeen
- XL loadcells Kalibratie
- Mechanical impact tests: Materials
- Material mechanical testing
- Force calibration

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We're always here to help. Let's Talk.

We're here to answer your questions and help you get started right away. Call or send us a message anytime.

Contact us:

+31 88 636 2332

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