

Liquid & Gas Standards and Recommendations

NMI provides an extensive array of L&G services. If your specific equipment, standards, or recommendations are not listed, please reach out to nmi@nmi.nl to explore options.

Topic	Europe	UK	Global
Water meters	MID MI-001	MIR 2016 schedule 1A & 1C	OIML R49 ISO 4064
Gas meters (e.g. ultrasonic, coriolis, turbine, rotary)	MID MI-002 EN 12261 EN 12480 EN 17526	MIR 2016 schedule 1A & 1D	OIML R137 ISO 17089
Flow meters (e.g. ultrasonic, coriolis)	MID MI-005 WELMEC 8.8	as part of liquid measuring system	OIML R81 OIML R117 OIML R139
Pressure and temperature transmitters	MID MI-002 MID MI-005 EN 12405 WELMEC 8.8	as part of liquid measuring system	OIML R117 OIML R137
Calculators and/or EVCDs (e.g. volume conversions)	MID MI-002 MID MI-005 EN 12405 WELMEC 8.8	as part of liquid measuring system	OIML R117 OIML R137 OIML R139
Liquid measuring systems	MID MI-005	MIR 2016 schedule 1A & 1F	OIML R81 OIML R117
Heat meters	MID MI-004 EN 1434		OIML R75
Compressed gaseous fuel measuring systems (e.g. CNG and hydrogen)	Metrologiewet (NL)		OIML R139
Gas measuring systems			OIML R140
Static liquid quantity meters and subcomponents (e.g. level gauging and hydrostatic tank gauging)	Metrologiewet (NL)		OIML R85 OIML R125
Software	WELMEC 7.2		OIML D31
FAT/SAT			OIML R117 OIML R137
Uncertainty calculations			Special