

NMi Certin B.V. is a lab specialized in the testing of measuring equipment, usually used for custody transfer/weights and measures. In the Annex to declaration of accreditation (scope of accreditation) registration number: L029, tests are described which are accredited by the Dutch Accreditation Body - Raad van Accreditatie (RvA).

The relation between a specific test and the standards for which the test can be performed, is given below. Herewith the standards are presented for which NMi Certin B.V. can refer to accreditation. In this list provides information if NMi Certin B.V. is able to perform the tests on their test object, in accordance with a specified standard, referring to accreditation.

If different test objects or standards are requested, NMi Certin B.V. reviews the applicable requirements and identifies whether they have the capability to perform the required test. When the internal verification shows that NMi Certin B.V. is capable of performing the test for a specific test object or standard, the list below is updated accordingly.

Overview of validated documents

The standards according to which these products can be tested in NMi Certin B.V. are:

No.	Column1	Column2	Test activity reference number and description
a	Measuring instruments and ancillary equipment	WELMEC Guide 7.2: 2022 Software Guide	PT37 - Software validation
b	Measuring instruments and ancillary equipment	WELMEC Guide 7.2: 2023 Software Guide	PT37 - Software validation
С	Automatic Distance Time speed meters	Automatic Distance/Time Speedmeter Handbook (Second Edition), Publication No 02/06	CL01 - Temperatures CL02 - Humidity EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency fields EMC.I.21 - Electrostatic discharge immunity (ESD) EMC.I.22 - Electrical fast transient / burst immunity (EFT) EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity EMC.I.40 - Radiated Immunity, ET01 - AC and DC voltage and frequency variations ME01 - Random vibration ME03 - Mechanical shock / Resistance to mishandling / Mechanical impact PT30 - Reference speed test in laboratory conditions PT31 - Reference speed test in practical conditions PT33 - Frequency and power output and beam width test
d	Speed meters	Belgian "Koninklijk besluit van 12 oktober 2010 betreffende de goedkeuring, ijking en de installatie van de meettoestellen gebruikt om toezicht te houden op de naleving van de wet betreffende de politie over het wegverkeer en haar uitvoeringsbesluiten van 12 oktober 2010"	CL01 - Temperatures CL02 - Humidity CL05 - Water EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency fields EMC.I.21 - Electrostatic discharge immunity (ESD) EMC.I.22 - Electrical fast transient / burst immunity (EFT) EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity EMC.I.40 - Radiated Immunity, ET01 - AC and DC voltage and frequency variations ET02 - Current variation ME01 - Random vibration ME03 - Mechanical shock / Resistance to mishandling / Mechanical impact ME07 - Rotation PT11 - Clock accuracy PT30 - Reference speed test in laboratory conditions PT31 - Reference speed test in practical conditions PT32 - Radar antenna diagram PT33 - Frequency and power output and beam width test
e	Breath alcohol test devices other than single use devices - Requirements and test methods	EN 15964:2011	CL01 - Temperatures CL02 - Humidity EMC.I.21 - Electrostatic discharge immunity (ESD) EMC.I.40 - Radiated Immunity, ET01 - AC and DC voltage and frequency variations ME01 - Random vibration ME02 - Sinusoidal vibration ME03 - Mechanical shock / Resistance to mishandling / Mechanical impact PT02 - Pressure tests PT10 - Reference gas testing (Type 2 generator including the possibility for simplified gas)
f	Breath analyzers	Koninklijk besluit betreffende de ademtesttoestellen en de ademanalysetoestellen, 21 april 2007	CL01 - Temperatures CL02 - Humidity EMC.I.21 - Electrostatic discharge immunity (ESD) EMC.I.24 - Power frequency magnetic field immunity EMC.I.39 - Electric transient transmission along supply lines Immunity EMC.I.40 - Radiated Immunity, ET01 - AC and DC voltage and frequency variations ME02 - Sinusoidal vibration ME03 - Mechanical shock / Resistance to mishandling / Mechanical impact PT02 - Pressure tests PT10 - Reference gas testing (Type 2 generator including the possibility for simplified gas)



No.	Column1	Column2	Test activity reference number and description
			CL01 - Temperatures
			CL02 - Humidity
			CL05 - Water
			EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency fields EMC.I.21 - Electrostatic discharge immunity (ESD)
			EMC.1.21 - Electrostatic discharge immunity (ESD) EMC.1.22 - Electrical fast transient / burst immunity (EFT)
			EMC.1.23 - Surge immunity
			EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity
	Fuidontial broath analyss-	OIMI B 136:3031	EMC.I.30 - DC voltage ripple Immunity
g	Evidential breath analyzers	OIML R 126:2021	EMC.I.37 - DC Voltage dips, short interruptions and voltage variations Immunity
			EMC.I.39 - Electric transient transmission along supply lines Immunity
			EMC.I.40 - Radiated Immunity,
			ET01 - AC and DC voltage and frequency variations
1			ME01 - Random vibration
			ME03 - Mechanical shock / Resistance to mishandling / Mechanical impact PT02 - Pressure tests
			PT10 - Reference gas testing (Type 2 generator including the possibility for simplified
			qas)
			CL01 - Temperatures
1			CL02 - Humidity
			EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency fields
			EMC.I.21 - Electrostatic discharge immunity (ESD)
			EMC.I.27 - Electric transient transmission via lines other than supply lines Immunity
			EMC.I.40 - Radiated Immunity,
h	Taximeters	OIML R 21:2007	ET01 - AC and DC voltage and frequency variations
			ET03 - Load dump ET04 - Starting profile
			ME01 - Random vibration
			ME02 - Sinusoidal vibration
			PT11 - Clock accuracy
			PT13 - Simulated inputs and outputs
			PT34 - Taximeter function test
			CL01 - Temperatures
1			CL02 - Humidity
			EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency fields
			EMC.I.21 - Electrostatic discharge immunity (ESD)
1			EMC.1.22 - Electrical fast transient / burst immunity (EFT)
			EMC.I.23 - Surge immunity EMC.I.24 - Power frequency magnetic field immunity
1			EMC.1.24 - Power frequency magnetic field immunity EMC.1.25 - Pulsed magnetic field immunity
1.	Instruments for measuring vehicle exhaust		EMC.1.27 - Fulsed magnetic field infinitivity EMC.1.27 - Electric transient transmission via lines other than supply lines Immunity
Įi	emissions	OIML R 99-1&2:2008	EMC.I.37 - DC Voltage dips, short interruptions and voltage variations Immunity
1			EMC.I.40 - Radiated Immunity,
			ET01 - AC and DC voltage and frequency variations
			ET03 - Load dump
1			ET04 - Starting profile
			ME01 - Random vibration
			ME03 - Mechanical shock / Resistance to mishandling / Mechanical impact PT02 - Pressure tests
			PT02 - Pressure tests PT08 - Gas composition reference testing
			CL01 - Temperatures
			CL02 - Humidity
			CL04 - Sand and Dust
			CL05 - Water
			EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency fields
			EMC.I.21 - Electrostatic discharge immunity (ESD)
			EMC.I.22 - Electrical fast transient / burst immunity (EFT)
			EMC.I.23 - Surge immunity
			EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity
			EMC.I.27 - Electric transient transmission via lines other than supply lines Immunity
j	Regeling meetmiddelen politie 2022	Regeling meetmiddelen politie 2022	EMC.I.40 - Radiated Immunity, ET01 - AC and DC voltage and frequency variations
			ETOT - AC and DC voltage and frequency variations ETO3 - Load dump
			ET04 - Starting profile
			ME01 - Random vibration
1			ME03 - Mechanical shock / Resistance to mishandling / Mechanical impact
			PT01 - Temperatures
			PT11 - Clock accuracy
			PT30 - Reference speed test in laboratory conditions
			PT31 - Reference speed test in practical conditions
			PT32 - Radar antenna diagram PT33 - Frequency and power output and beam width test



No.	Column1	Column2	Test activity reference number and description
k	Breath analyzers	Regeling ademanalyse (25 september 1987)	CL01 - Temperatures CL02 - Humidity EMC.I.21 - Electrostatic discharge immunity (ESD) EMC.I.22 - Electrical fast transient / burst immunity (EFT) EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity EMC.I.40 - Radiated Immunity, ET01 - AC and DC voltage and frequency variations PT02 - Pressure tests PT10 - Reference gas testing (Type 2 generator including the possibility for simplified das)
1	Speed meters	"The Speed meter Handbook" (Fourth Edition), A Guide to Type Approval Procedures for Speedmeters Used for Road Traffic Law Enforcement in Great Britain, Publication No. 15/05	CL01 - Temperatures CL02 - Humidity EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency fields EMC.I.21 - Electrostatic discharge immunity (ESD) EMC.I.22 - Electrical fast transient / burst immunity (EFT) EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity EMC.I.40 - Radiated Immunity, ET01 - AC and DC voltage and frequency variations ME01 - Random vibration ME03 - Mechanical shock / Resistance to mishandling / Mechanical impact PT11 - Clock accuracy PT30 - Reference speed test in laboratory conditions PT31 - Reference speed test in practical conditions PT32 - Radar antenna diagram PT33 - Frequency and power output and beam width test
m	Speed meters	"The Speedmeter, Traffic Light and Prohibited Lane Enforcement Camera Handbook v2.0", A guide to type-approval procedures for devices used for road traffic law enforcement in Great Britain, 19 December 2022	CL01 - Temperatures CL02 - Humidity EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency fields EMC.I.21 - Electrostatic discharge immunity (ESD) EMC.I.22 - Electrostatic discharge immunity (EFT) EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity EMC.I.40 - Radiated Immunity, ET01 - AC and DC voltage and frequency variations ME01 - Random vibration ME03 - Mechanical shock / Resistance to mishandling / Mechanical impact PT01 - Temperatures PT11 - Clock accuracy PT30 - Reference speed test in laboratory conditions PT31 - Reference speed test in practical conditions PT32 - Radar antenna diagram PT33 - Frequency and power output and beam width test
n	Traffic light camera	The traffic light camera handbook (Second Edition)	CL01 - Temperatures CL02 - Humidity EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency fields EMC.I.21 - Electrostatic discharge immunity (ESD) EMC.I.22 - Electrical fast transient / burst immunity (EFT) EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity EMC.I.40 - Radiated Immunity, ET01 - AC and DC voltage and frequency variations PT11 - Clock accuracy PT30 - Reference speed test in laboratory conditions PT33 - Frequency and power output and beam width test
o	Water meters for cold potable water and hot water	OIML R 49-2:2006	CL01 - Temperatures CL02 - Humidity EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency fields EMC.I.09 - Continuous magnetic field Immunity EMC.I.21 - Electrostatic discharge immunity (ESD) EMC.I.22 - Electrical fast transient / burst immunity (EFT) EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity EMC.I.40 - Radiated Immunity, ET01 - AC and DC voltage and frequency variations ME01 - Random vibration ME03 - Mechanical shock / Resistance to mishandling / Mechanical impact PT02 - Pressure tests PT05 - Flow performance tests with water PT06 - Fluid weighing PT13 - Simulated inputs and outputs



No.	Column1	Column2	Test activity reference number and description
			CL01 - Temperatures
			CL02 - Humidity EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency fields EMC.I.09 - Continuous magnetic field Immunity
			EMC.I.21 - Electrostatic discharge immunity (ESD) EMC.I.22 - Electrical fast transient / burst immunity (EFT) EMC.I.23 - Surge immunity
р	Water meters for cold potable water and hot water	OIML R 49-2:2013	EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity EMC.I.40 - Radiated Immunity,
			ET01 - AC and DC voltage and frequency variations ME01 - Random vibration
			ME03 - Mechanical shock / Resistance to mishandling / Mechanical impact
			PT02 - Pressure tests
			PT05 - Flow performance tests with water PT06 - Fluid weighing
			PT13 - Simulated inputs and outputs
			CL01 - Temperatures
			CL02 - Humidity
			EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency fields EMC.I.09 - Continuous magnetic field Immunity
			EMC.I.21 - Electrostatic discharge immunity (ESD)
			EMC.I.22 - Electrical fast transient / burst immunity (EFT)
			EMC.I.23 - Surge immunity
q	Water meters for cold potable water and hot	OIML R 49-2:2024	EMC.I.24 - Power frequency magnetic field immunity EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity
	water		EMC.I.40 - Radiated Immunity,
			ET01 - AC and DC voltage and frequency variations
			ME01 - Random vibration ME03 - Mechanical shock / Resistance to mishandling / Mechanical impact
			PT02 - Pressure tests
			PT05 - Flow performance tests with water
			PT06 - Fluid weighing
			PT13 - Simulated inputs and outputs CL01 - Temperatures
			CL02 - Humidity
			EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency fields EMC.I.09 - Continuous magnetic field Immunity
			EMC.I.21 - Electrostatic discharge immunity (ESD)
			EMC.I.22 - Electrical fast transient / burst immunity (EFT) EMC.I.23 - Surge immunity
	Water meters for cold potable water and hot	ISO 4064-2:2017	EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity
r	water		EMC.I.40 - Radiated Immunity,
			ET01 - AC and DC voltage and frequency variations ME01 - Random vibration
			ME03 - Mechanical shock / Resistance to mishandling / Mechanical impact
			PT02 - Pressure tests
			PT05 - Flow performance tests with water
			PT06 - Fluid weighing PT13 - Simulated inputs and outputs
			CL01 - Temperatures
			CL02 - Humidity
			EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency fields EMC.I.09 - Continuous magnetic field Immunity
			EMC.I.21 - Electrostatic discharge immunity (ESD)
			EMC.I.22 - Electrical fast transient / burst immunity (EFT)
			EMC.I.23 - Surge immunity
s	Water meters for cold potable water and hot	ISO 4064-2: 2024	EMC.I.24 - Power frequency magnetic field immunity EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity
3	water	130 7007 2. 2027	EMC.I.40 - Radiated Immunity,
			ET01 - AC and DC voltage and frequency variations
			ME01 - Random vibration
			ME03 - Mechanical shock / Resistance to mishandling / Mechanical impact PT02 - Pressure tests
			PT05 - Flow performance tests with water
			PT06 - Fluid weighing
			PT13 - Simulated inputs and outputs



No.	Column1	Column2	Test activity reference number and description
140.	Column	Columniz	CL01 - Temperatures
			CL02 - Humidity
			EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency fields
			EMC.I.09 - Continuous magnetic field Immunity
			EMC.I.21 - Electrostatic discharge immunity (ESD)
			EMC.I.22 - Electrostatic discharge infinitity (ESD)
			EMC.I.23 - Surge immunity
1.			EMC.I.24 - Power frequency magnetic field immunity
t	Heat meters	OIML R 75-2:2002	EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity
			EMC.I.40 - Radiated Immunity,
			ET01 - AC and DC voltage and frequency variations
			PT01 - Temperatures
			PT02 - Pressure tests
			PT09 - Liquid density reference testing
			PT11 - Clock accuracy
			PT12 - Algorithm testing
			PT13 - Simulated inputs and outputs
			CL01 - Temperatures
			CL02 - Humidity
			EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency fields
			EMC.I.09 - Continuous magnetic field Immunity
			EMC.I.21 - Electrostatic discharge immunity (ESD)
			EMC.I.22 - Electrical fast transient / burst immunity (EFT)
			EMC.I.23 - Surge immunity
			EMC.I.24 - Power frequency magnetic field immunity
		5N 4404 4 0045 A4 0040	EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity
u	Thermal energy meters	EN 1434-4:2015+A1:2018	EMC.I.40 - Radiated Immunity,
			ET01 - AC and DC voltage and frequency variations
			ME01 - Random vibration
			ME03 - Mechanical shock / Resistance to mishandling / Mechanical impact
			PT01 - Temperatures
			PT02 - Pressure tests
			PT09 - Liquid density reference testing
			PT11 - Clock accuracy
			PT12 - Algorithm testing
			PT13 - Simulated inputs and outputs
			CL01 - Temperatures
			CL02 - Humidity
			EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency fields
			EMC.I.09 - Continuous magnetic field Immunity
			EMC.I.21 - Electrostatic discharge immunity (ESD)
			EMC.I.22 - Electrical fast transient / burst immunity (EFT)
			EMC.I.23 - Surge immunity EMC.I.24 - Power frequency magnetic field immunity
	Thermal energy meters		EMC.I.24 - Power frequency magnetic field immunity
ļ.,		EN 1424 4:2015	EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity
V		EN 1434-4:2015	EMC.I.40 - Radiated Immunity,
			ET01 - AC and DC voltage and frequency variations
			ME01 - Random vibration
			ME03 - Mechanical shock / Resistance to mishandling / Mechanical impact
			PT01 - Temperatures
			PTO2 - Pressure tests
			PT09 - Liquid density reference testing
			PT11 - Clock accuracy
			PT12 - Algorithm testing
			PT13 - Simulated inputs and outputs
			CL01 - Temperatures
			CL02 - Humidity
			EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency fields
1			EMC.I.21 - Electrostatic discharge immunity (ESD)
			EMC.I.22 - Electrical fast transient / burst immunity (EFT)
			EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity
			EMC.I.39 - Electric transient transmission along supply lines Immunity
w	Dynamic measuring devices and systems for	OIML R 81:1998	EMC.I.40 - Radiated Immunity,
**	cryogenic liquids	O.W.E. N. 01. 1990	ET01 - AC and DC voltage and frequency variations
			ME02 - Sinusoidal vibration
			PT01 - Temperatures
			PT02 - Pressure tests
			PT09 - Liquid density reference testing
1			
			PT12 - Algorithm testing PT13 - Simulated inputs and outputs



No.	Column1	Column2	Test activity reference number and description
	Column	COTATINE	CL01 - Temperatures
			CL02 - Humidity
			EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency fields
			EMC.I.21 - Electrostatic discharge immunity (ESD)
			EMC.I.22 - Electrical fast transient / burst immunity (EFT)
			EMC.I.23 - Surge immunity
	Automatic level gauges for measuring the level		EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity
x	Automatic level gauges for measuring the level	OIML R 85-1&2:2008	EMC.I.30 - DC voltage ripple Immunity
	of liquid in stationary storage tanks		EMC.I.40 - Radiated Immunity,
			ET01 - AC and DC voltage and frequency variations
			PT01 - Temperatures
			PT02 - Pressure tests
			PT09 - Liquid density reference testing
			PT12 - Algorithm testing
			PT13 - Simulated inputs and outputs
			CL01 - Temperatures
			CL02 - Humidity
			EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency fields
			EMC.I.21 - Electrostatic discharge immunity (ESD)
			EMC.I.22 - Electrical fast transient / burst immunity (EFT)
			EMC.I.23 - Surge immunity
			EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity
	Dynamic measuring systems for liquids other		EMC.I.27 - Electric transient transmission via lines other than supply lines Immunity
у	than water	OIML R 117-1:2007	EMC.I.30 - DC voltage ripple Immunity
	triair water		EMC.I.40 - Radiated Immunity, ET01 - AC and DC voltage and frequency variations
			ME01 - Random vibration
			PT01 - Temperatures
			PT02 - Pressure tests
			PT06 - Fluid weighing
			PT09 - Liquid density reference testing
			PT12 - Algorithm testing
			PT13 - Simulated inputs and outputs
			CL01 - Temperatures
			CL02 - Humidity
			EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency fields
			EMC.I.21 - Electrostatic discharge immunity (ESD)
			EMC.I.22 - Electrical fast transient / burst immunity (EFT)
			EMC.I.23 - Surge immunity
			EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity
			EMC.I.27 - Electric transient transmission via lines other than supply lines Immunity
	Dynamic massyring systems for liquids other		EMC.I.30 - DC voltage ripple Immunity
z	Dynamic measuring systems for liquids other than water.	OIML R 117-2:2014	EMC.I.39 - Electric transient transmission along supply lines Immunity
	triair water.		EMC.I.40 - Radiated Immunity,
			ET01 - AC and DC voltage and frequency variations
			ME01 - Random vibration
			PT01 - Temperatures
			PTO2 - Pressure tests
			PT06 - Fluid weighing
			PT09 - Liquid density reference testing
			PT12 - Algorithm testing
<u> </u>			PT13 - Simulated inputs and outputs
			CL01 - Temperatures
			CL02 - Humidity
			EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency fields
			EMC.I.21 - Electrostatic discharge immunity (ESD) EMC.I.22 - Electrical fast transient / burst immunity (EFT)
			EMC.I.22 - Electrical rast transient / burst immunity (EF1) EMC.I.23 - Surge immunity
1			EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity
			EMC.I.27 - Electric transient transmission via lines other than supply lines Immunity
			EMC.I.30 - DC voltage ripple Immunity
aa	Dynamic measuring systems for liquids other	OIML R 117-2:2019	EMC.I.39 - Electric transient transmission along supply lines Immunity
uu	than water.	O.M.E.N. 117 2.2013	EMC.I.40 - Radiated Immunity,
			ET01 - AC and DC voltage and frequency variations
			ME01 - Random vibration
1			PT01 - Temperatures
1			PT02 - Pressure tests
			PT06 - Fluid weighing
			PT09 - Liquid density reference testing
			PT12 - Algorithm testing
1			PT13 - Simulated inputs and outputs
	I.	l	and the second s



No.	Column1	Column2	Test activity reference number and description
			CL01 - Temperatures
			CL02 - Humidity
			EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency fields
			EMC.I.21 - Electrostatic discharge immunity (ESD)
			EMC.I.22 - Electrical fast transient / burst immunity (EFT)
ab	Clinical electrical thermometers with maximum	OIML R 125:1998	EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity EMC.I.40 - Radiated Immunity,
au	device	OIIVIL R 123.1996	ETIO1 - AC and DC voltage and frequency variations
			PT01 - Temperatures
			PT02 - Pressure tests
			PT09 - Liquid density reference testing
			PT12 - Algorithm testing
			PT13 - Simulated inputs and outputs
			CL01 - Temperatures
			CL02 - Humidity
			EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency fields
			EMC.I.21 - Electrostatic discharge immunity (ESD)
			EMC.I.22 - Electrical fast transient / burst immunity (EFT) EMC.I.23 - Surge immunity
			EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity
			EMC.I.30 - DC voltage ripple Immunity
ac	Compressed gaseous fuel measuring systems for	OIML R 139-2:2018	EMC.I.40 - Radiated Immunity,
	vehicles.		ET01 - AC and DC voltage and frequency variations
			ME01 - Random vibration
			PT01 - Temperatures
			PT02 - Pressure tests
			PT06 - Fluid weighing
			PT09 - Liquid density reference testing
			PT12 - Algorithm testing
			PT13 - Simulated inputs and outputs
			CL01 - Temperatures CL02 - Humidity
			EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency fields
			EMC.I.21 - Electrostatic discharge immunity (ESD)
			EMC.I.22 - Electrical fast transient / burst immunity (EFT)
			EMC.I.23 - Surge immunity
	Matralagical aspects of non-automatic		EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity
ad	Metrological aspects of non-automatic weighing instruments	EN 45501:2015	EMC.I.27 - Electric transient transmission via lines other than supply lines Immunity
	weigning instruments		EMC.I.39 - Electric transient transmission along supply lines Immunity
			EMC.I.40 - Radiated Immunity,
			ET01 - AC and DC voltage and frequency variations
			ME10 - Tilting
			PT13 - Simulated inputs and outputs
			PT24 - Weighing performance using small additional weights PT25 - Weighing performance using standard or high resolution mode
			CL01 - Temperatures
	Weighing in motion		CL02 - Humidity
			EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency fields
			EMC.I.21 - Electrostatic discharge immunity (ESD)
			EMC.I.22 - Electrical fast transient / burst immunity (EFT)
1			EMC.I.23 - Surge immunity
ae		NMi International WIM standard v1.1	EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity
1	3 3		EMC.I.30 - DC voltage ripple Immunity
			EMC.I.40 - Radiated Immunity,
			ET01 - AC and DC voltage and frequency variations
			PT25 - Weighing performance using standard or high resolution mode PT26 - Weighing performance using a control instrument
			PT28 - Length / Linear dimension
			PT31 - Reference speed test in practical conditions
			CL01 - Temperatures
			CL02 - Humidity
			EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency fields
			EMC.I.21 - Electrostatic discharge immunity (ESD)
			EMC.I.22 - Electrical fast transient / burst immunity (EFT)
af	Automatic rail-weighbridges	OIML R 106-1:2011	EMC.I.23 - Surge immunity
aı	Automatic rail-weighbridges	OHVIE IX 100-1.2011	EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity
			EMC.I.40 - Radiated Immunity,
			ET01 - AC and DC voltage and frequency variations
1			PT24 - Weighing performance using small additional weights
			PT25 - Weighing performance using standard or high resolution mode
			PT26 - Weighing performance using a control instrument



ag Discontinuous totalizing automatic weighing instruments (totalizing hopper weighers) Automatic instruments for weighing road webicles in mation and measuring able loads Automatic instruments for weighing road webicles in mation and measuring able loads OIML R 134-12006 Continuous totalizing automatic weighing instruments OIML R 129-22020 OIML R 138-2007 OIML R 134-12006 OIML R 138-2007		Column1	Column2	Test activity reference number and description	
BMLL107 - Immunity to conducted disturbances, induced by radio-frequency EMCL127 - Electrical fast transient / burst immunity (EFT) EMCL128 - Electrical fast transient / burst immunity (EFT) EMCL128 - Electrical fast transient ramination and voltage variations immunity immunity (EFT) EMCL128 - Voltage dips, short interruptions and voltage variations immunity EMCL139 - Beeting transient transients in a line so ther than supply lines immunity EMCL139 - Electric transient transients on a line so ther than supply lines immunity EMCL139 - Electric transient transients on a line of the than supply lines immunity EMCL139 - Electric transient transients on a line of the property of the				CL01 - Temperatures	
BMCL121 - Electrical static discharge immunity (ESD) EMCL22 - Electrical static plans instruments (totalizing automatic weighing instruments (totalizing hopper weighers) OIML R 107-1:2007 EMCL23 - Surge immunity EMCL26 - Voltage digs, short interruptions and voltage variations Immunity EMCL40 - Radisted (immunity) EMCL40 - Redisted (immunity) EMCL40 - Redisted (immunity) EMCL40 - EMCH40 -					
BMC.122 - Electrical fast transient burst immunity (EFT) EMC.123 - Surge immunity EMC.126 - Voltage disp, short interruptions and voltage variations immunity EMC.136 - Voltage disp, short interruptions and voltage variations immunity EMC.137 - Electric transient transmission value in some than supply lines immunity EMC.138 - Electric transient transmission along supply lines immunity EMC.139 - Electric transient transmission along supply lines immunity EMC.139 - Electric transient transmission along supply lines immunity EMC.139 - Weighing performance using a control instruments Automatic instruments OIML R 129-2:2020 OIML R 134-1:2006 OIML R 138-2007 OIML R 138-200				EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency fields	
Discontinuous totalizing automatic weighing instruments (totalizing hopper weighers) Discontinuous totalizing hopper weighers) DIML R 107-1:2007 EMCL.129 - Electric transient transmission via lines other than supply lines Immediately instruments (totalizing hopper weighers) EMCL.139 - Electric transient transmission via lines other than supply lines Immediately instruments and the supply lines Immunity (EMC.139 - Electric transient transmission along supply lines Immunity (EMC.139 - Electric transient transmission along supply lines Immunity (EMC.139 - Electric transient transmission along supply lines Immunity (EMC.139 - Electric transient transmission along supply lines Immunity (EMC.139 - Electric transmist plant and rail or high resolution mode PT26 - Weighing performance using a control listrument CLID - Temperature (LID - Humidity) EMCL.131 - Electrostatic discharge immunity (EMC.131 - Electrostatic discharge immunity (EM					
Discontinuous totalizing automatic weighing instruments (totalizing hopper weighers) DiML R 107-1:2007 EMCL.12 - Electric manient transmission via lines other than supply lines in EMC.13 - Electric manient transmission along supply lines immunity EMC.140 - Radiated immunity, ETO 1- Ac and DC voltage and frequency variations pr24 - Weighing performance using small additional weights pr25 - Weighing performance using small variety in the pr26 - Weighing performance using small variety in the pr26 - Weighing performance using small variety in the pr26 - Weighing performance using small variety in the pr26 - Weighing performance using small variety in the pr26 - Weighing performance using small variety in the pr26 - Weighing performance using small variety in the pr26 - Weighing performance using small variety in the pr26 - Weighing pr26 - Weighing pr27 - Weighing using short interruptions and voltage variations lmmunity (ESD) eMC.12 - Electrical fast transient/ burst immunity (EFT) eMC.12 - Surge immunity (ESD) eMC.12 - Electrical fast transient of the pr26 - Weighing performance using small additional weights pr25 - Weighing performance using small additional selections and pr26 - Weighing performance using small additional selections expected that the pr26 - Weighing performance using small additional sele					
instruments (totalizing hopper weighers) Implications and instruments (totalizing hopper weighers) Implications (totalizing hopper weighing hopper weighers) Implications (totalizing hopper weighing hopper weighers) Implications (totalizing hopper weighing hopper hopp				3 ,	
instruments (totalizing hopper weighers) Mell Cl.39 - Electric transient transmission will anso offer than supply lines in munity (MCL.13 - Electric transient transmission along supply lines in munity (MCL.13 - Electric transient transmission along supply lines in munity (MCL.13 - Electric transient transmission along supply lines in munity (MCL.13 - Electric unity as control instrument (MCL.13 - Electric unity as control instrument (MCL.13 - Electric unity as control instrument (MCL.1 - Electrol distrument (MCL.1 - Electrol distrument) (MCL.1 - Electrol distrument (MCL.1 - Electrol distrument (MCL.1 - Electrol distrument) (MCL.1 - Electrol distrument) (MCL.1 - Electrol distrument) (MCL.1 - Electrol dimminity (MCL.1 - Electrol dimminity (MCL.1 - Electrol dimminity (MCL.1 - Electrol distruments) (MCL.1 - Electrol dimminity (MCL.1 - Electrol dimminity (MCL.1 - Electrol distruments) (MCL.1 - Electrol dimminity (MCL.1 - Electrol distruments) (MCL.1 - Electrol distrume			OIML R 107-1:2007		
EMC.1.40 - Radiated Immunity. ETOT.4.40 - Radiated Immunity. ETOT.4.40 - Radiated Immunity. ETOT.4.40 - Radiated Immunity. ETOT.4.40 - Radiated Immunity. EVEX.40 - EVEX.40	9	instruments (totalizing hopper weighers)	ONVER 107 1.2007		
ET01 - AC and DC voltage and frequency variations					
P1724 - Weighing performance using small additional weights P1725 - Weighing performance using standard or high resolution mode P1726 - Weighing performance using standard or high resolution mode P1726 - Weighing performance using a control instrument CL01 - Temperatures CL02 - Humidity EMCL07 - Immunity to conducted disturbances, induced by radio-frequency EMCL21 - Electrostatic discharge immunity (ESD) EMCL22 - Surge immunity (ESD) EMCL23 - Surge immunity (ESD) EMCL23 - Surge immunity EMCL04 - Radiated Immunity. EMCL05 - Immunity immunity (ESD) EMCL04 - Immunity immunity (EMCL05 - Immunity im					
PT25 - Weighing performance using standard or high resolution mode PT25 - Weighing performance using a control instrument CL01 - Temperatures CL02 - Humility EMCL07 - Immunity to conducted disturbances, induced by radio-frequency EMCL07 - Immunity to conducted disturbances, induced by radio-frequency EMCL07 - Immunity to conducted disturbances, induced by radio-frequency EMCL07 - Immunity (ESD) EMCL07 - Immunit					
Automatic instruments for weighing road whicles in motion and measuring axie loads Automatic instruments for weighing road whicles in motion and measuring axie loads Automatic instruments for weighing road whicles in motion and measuring axie loads Automatic instruments for weighing road whicles in motion and measuring axie loads Automatic instruments for weighing road whicles in motion and measuring axie loads Automatic instruments for weighing road whicles in motion and measuring axie loads Automatic instruments for weighing road whicles in motion and measuring axie loads Automatic instruments for weighing road whicles in motion and measuring axie loads Automatic instruments for weighing road whicles in motion and measuring axie loads Automatic instruments for weighing road whicles in motion and measuring axie loads Automatic instruments for weighing road whicles in motion and measuring axie loads Automatic instruments for weighing road whicles in motion and measuring axie loads Automatic instruments for weighing road whicles in motion and measuring axie loads Automatic instruments for weighing road whicles in motion and measuring axie loads Automatic instruments for weighing road whicles in motion and measuring axie loads Automatic instruments for weighing road whicles in motion and measuring axie loads Automatic instruments for weighing road whicles in motion and measuring axie loads BML R 134-1:2006 Automatic instruments for weighing road whicles in motion and measuring axie loads BML R 134-1:2006 Automatic instruments for weighing road whicles with a summarity (EFT) EMCL.123 - Surge immunity EMCL.127 - Electric transient transmission on via lines other than supply lines Immunity EMCL.137 - Duratic instruments of high resolution mode PT26 - Weighing performance using standard or high resolution mode PT26 - Weighing performance using standard or high resolution simulations which is the proper instrument practic conditions Automatic instruments for weighing instrument provides and sta					
ah Multi-dimensional measuring instruments OIML R 129-2:2020 Multi-dimensional measuring instruments Multi-dimensional measuring instruments Multi-dimensional measuring instruments Multi-dimensional measuring instruments Multi-dimensional measuring and requency variations luminity. EMC.1.42 - Moltage dips, short interruptions and voltage variations luminity. EMC.1.43 - Moltage and frequency variations measurement CLD - Humidity Multi-dimensional measurements CLD - Humidity Multi-dimensional measuring and voltage variations luminity Multi-dimensional measurements CLD - Humidity Multi-dimensional measuring and voltage variations luminity Multi-dimensional multi-dimensional voltage variations luminity Multi-dimensional voltage inspection and voltage variations luminity Multi-dimensional variations multi-dimensional voltage variations luminity M					
ah Multi-dimensional measuring instruments Automatic instruments for weighing road whicles in motion and measuring axle loads Automatic instruments for weighing road whicles in motion and measuring axle loads Automatic instruments for weighing road whicles in motion and measuring axle loads Automatic instruments for weighing road whicles in motion and measuring axle loads Automatic instruments for weighing road whicles in motion and measuring axle loads Automatic instruments for weighing road whicles in motion and measuring axle loads Automatic instruments for weighing road whicles in motion and measuring axle loads Automatic instruments for weighing road whicles in motion and measuring axle loads Automatic instruments for weighing road whicles in motion and measuring axle loads Automatic instruments for weighing road whicles in motion and measuring axle loads Automatic instruments for weighing road whicles in motion and measuring axle loads Automatic instruments for weighing road whicles in motion and measuring axle loads OIML R 134-1:2006 OIML R 134-1:2006 Automatic instruments for weighing road whicles in motion and measuring axle loads OIML R 134-1:2006 OIML R 134-1:2006 OIML R 134-1:2006 Automatic instruments for weighing axle loads OIML R 134-1:2006 OIML R 134-1:2006 OIML R 134-1:2006 OIML R 136-2:2020 OIML R 138-2007 OIML R 150-2:2020 OIML R					
Multi-dimensional measuring instruments					
EMC.1.2 Electrical fast transient / burst immunity (ESD)				· ·	
ai Automatic instruments for weighing road vehicles in motion and measuring axle loads vehicles in motion and measuring axle loads avehicles in motion and measuring axle loads vehicles in motion and measuring axle loads axle loads vehicles in motion and measuring axle loads vehicles in motion and measuring axle loads vehicles in motion and measuring axle loads axle loads vehicles in motion and measuring axle loads axle loads vehicles in motion and measuring axle loads					
ah Multi-dimensional measuring instruments OIML R 129-2:2020 EMC.L23 - Surge immunity EMC.L40 - Radiated Immunity. EMC.L40 - Immunity to conducted disturbances, induced by radio-frequency. EMC.L21 - Electrostatic discharge immunity (ESD) EMC.L23 - Surge immunity. EMC.L23 - Surge immunity. EMC.L23 - Surge immunity. EMC.L23 - Surge immunity. EMC.L24 - Voltage dips, short interruptions and voltage variations Immunity. EMC.L25 - Voltage dips, short interruptions and voltage variations Immunity. EMC.L39 - Electric transient transmission via lines other than supply lines Immunity. EMC.L39 - Electric transient transmission via lines other than supply lines Immunity. EMC.L39 - Electric transient transmission via lines other than supply lines Immunity. EMC.L39 - Electric transient transmission along supply lines Immunity. EMC.L39 - Electric transient transmission along supply lines Immunity. EMC.L39 - Weighing performance using small additional weights PT25 - Weighing performance using small additional weights PT25 - Weighing performance using small additional weights PT31 - Reference speed test in practical conditions PT32 - Weighing performance using a control instrument PT31 - Reference speed test in practical conditions PT35 - Capacity measurements CL02 - Humidity EMC.L33 - Surge immunity (ESD) EMC.L23 - Surge immunity (ESD) EMC.L23 - Electrical fast transient / burst immunity (ESD) EMC.L22 - Electrical fast transient / burst immunity (ESD) EMC.L23 - Surge immunity EMC.L36 - Voltage dips, short interruptions and voltage variations Immunity EMC.L37 - DC Voltage dips, short interruptions and voltage variations Immunity. EMC.L37 - DC Voltage dips, short interruptions and voltage variations Immunity. EMC.L37 - DC Voltage dips, short interruptions and voltage variations Immunity. EMC.L37 - DC Voltage dips, short interru					
EMC.126 - Voltage dips, short interruptions and voltage variations Immunity EMC.140 - Radiated Immunity, ET01 - AC and DC voltage and frequency variations PT28 - Length / Linear dimension PT29 - Illumination measurement CL01 - Temperatures CL02 - Humidity EMC.107 - Immunity to conducted disturbances, induced by radio-frequency EMC.121 - Electrical fast transient / burst immunity (EFD) EMC.123 - Surge immunity EMC.125 - Surge immunity EMC.126 - Voltage dips, short interruptions and voltage variations Immunity EMC.127 - Electric transient transmission via lines other than supply lines Immunity EMC.139 - Electric transient transmission via lines other than supply lines Immunity EMC.140 - Radiated Immunity, ET01 - AC and DC voltage and frequency variations PT24 - Weighing performance using standard or high resolution mode PT25 - Weighing performance using standard or high resolution mode PT26 - Weighing performance using a control instrument PT31 - Reference speed test in practical conditions PT31 - Reference speed test in practical conditions EMC.127 - Immunity to conducted disturbances, induced by radio-frequency EMC.137 - Lelectrostatic discharge immunity (EFD) EMC.129 - Humidity EMC.137 - DC voltage inple Immunity EMC.137 - DC Voltage dips, short interruptions and voltage variations Immunity EMC.137 - DC Voltage dips, short interruptions and voltage variations Immunity EMC.137 - DC Voltage and frequency variations PT31 - AC and DC voltage and frequency variations PT31 - Weighing performance using standard or high resolution mode	L.	Marie diamental and a second	OIMI P 120 2:2020		
EMC.140 - Radiated Immunity, ET01 - AC and DC voltage and frequency variations PT28 - Length / Linear dimension PT29 - Illumination measurement CL01 - Temperatures CL02 - Humidity EMC.121 - Electrostatic discharge immunity (ESD) EMC.122 - Electrical fast transient / burst immunity (EFT) EMC.123 - Surge immunity EMC.124 - Voltage dips, short interruptions and voltage variations Immunity EMC.139 - Electric transient transmission via lines other than supply lines Immunity EMC.139 - Electric transient transmission via lines other than supply lines Immunity EMC.139 - Electric transient transmission via lines other than supply lines Immunity EMC.139 - Electric transient transmission via lines other than supply lines Immunity EMC.139 - Electric transient transmission via lines other than supply lines Immunity EMC.139 - Electric transient transmission via lines other than supply lines Immunity EMC.139 - Electric transient transmission via lines other than supply lines Immunity EMC.139 - Electric transient transmission via lines other than supply lines Immunity EMC.139 - Electric transient transmission via lines other than supply lines Immunity EMC.139 - Electric transient transmission via lines other than supply lines Immunity EMC.130 - Radiated Immunity, ET01 - AC and DC voltage dips, short interruptions and voltage variations Immunity EMC.137 - DC voltage dips, short interruptions and voltage variations Immunity EMC.139 - DC voltage dips, short interruptions and voltage variations Immunity EMC.130 - DC voltage dips, short interruptions and voltage variations Immunity EMC.130 - DC voltage dips, short interruptions and voltage variations Immunity EMC.130 - DC voltage dips, short interruptions and voltage variations Immunity EMC.140 - Radiated Immunity, EMC.140 -	n	Multi-dimensional measuring instruments	OIML R 129-2:2020		
ETIO1 - AC and DC voltage and frequency variations PT28 - Length / Linear dimension PT29 - Illumination measurement CLO1 - Temperatures CLC2 - Humidity EMC.L07 - Immunity to conducted disturbances, induced by radio-frequency EMC.L21 - Electric static discharge immunity (ESD) EMC.L22 - Electric affast transient / burst immunity (EFT) EMC.L23 - Surge immunity EMC.L26 - Voltage dips, short interruptions and voltage variations Immunity EMC.L36 - Selectric transient transmission via lines other than supply lines Immunity EMC.L39 - Electric transient transmission via lines other than supply lines Immunity EMC.L39 - Electric transient transmission via lines other than supply lines Immunity EMC.L39 - Electric transient transmission along supply lines Immunity EMC.L39 - Electric transient transmission along supply lines Immunity EMC.L39 - Electric transient transmission along supply lines Immunity EMC.L39 - Electric transient transmission along supply lines Immunity EMC.L39 - Electric transient transmission along supply lines Immunity EMC.L39 - Electric transient along supply lines Immunity EMC.L39 - Electric transient or large and frequency variations PT25 - Weighing performance using standard or high resolution mode PT26 - Weighing performance using standard or high resolution mode PT39 - Capacity measurements CL01 - Temperatures CL02 - Humidity EMC.L39 - Illumidity EMC.L30 - DC voltage dips, short interruptions and voltage variations Immunity EMC.L30 - DC voltage dips, short interruptions and voltage variations Immunity EMC.L30 - DC voltage dips, short interruptions and voltage variations Immunity EMC.L30 - DC voltage dips, short interruptions and voltage variations Immunity EMC.L30 - DC voltage dips, short interruptions and voltage variations Immunity EMC.L30 - DC voltage dips, short interruptions and voltage variations Immunity EMC.L30 - DC voltage dips, short interruptions and voltage variations Immunity EMC.L30 - DC voltage dips, short interruptions and voltage variations Immunity EMC.L30 - DC voltage dips, shor					
PT28 - Length / Linear dimension PT29 - Illumination measurement CL01 - Temperatures CL02 - Humidity EMC.L07 - Immunity to conducted disturbances, induced by radio-frequency EMC.L21 - Electrostatic discharge immunity (ESD) EMC.L22 - Electrical fast transient / burst immunity (EFT) EMC.L23 - Surge immunity EMC.L25 - Voltage dips, short interruptions and voltage variations Immunity EMC.L36 - Voltage dips, short interruptions and voltage variations Immunity EMC.L39 - Electric transient transmission via lines other than supply lines Im EMC.L39 - Electric transient transmission via lines other than supply lines Im EMC.L39 - Electric transient transmission via lines other than supply lines Im EMC.L39 - Electric transient transmission via lines other than supply lines Im EMC.L39 - Electric transient transmission via lines other than supply lines Im EMC.L39 - Electric transient transmission via lines other than supply lines Im EMC.L39 - Electric transient transmission via lines other than supply lines Im EMC.L39 - Electric transient transmission via lines other than supply lines Im EMC.L30 - Electric transient transmission via lines other than supply lines Im EMC.L30 - Weighing performance using small additional weights PT25 - Weighing performance using standard or high resolution mode PT26 - Weighing performance using a control instrument PT31 - Reference speed test in practical conditions PT35 - Capacity measurements CL01 - Temperatures CL02 - Huminity to conducted disturbances, induced by radio-frequency EMC.L30 - Illuminity to conducted disturbances, induced by radio-frequency EMC.L32 - Electrical fast transient / burst immunity (ESD) EMC.L32 - Electrical fast transient / burst immunity (ESD) EMC.L32 - Electrical fast transient / burst immunity (ESD) EMC.L32 - Electrical fast transient / burst immunity (ESD) EMC.L32 - Electrical fast transient / burst immunity (ESD) EMC.L32 - Electrical fast transient / burst immunity (ESD) EMC.L32 - Electrical fast transient / burst immunity (ESD) EMC.L32 - Electrical fast trans					
PT29 - Illumination measurement CLO - Temperatures CLO - Humidity EMC.L0 - Immunity to conducted disturbances, induced by radio-frequency EMC.L12 - Electrical fast transient / burst immunity (ESD) EMC.L22 - Electrical fast transient / burst immunity (EFT) EMC.L23 - Surge immunity EMC.L24 - Voltage dips, short interruptions and voltage variations Immunit EMC.L25 - Voltage dips, short interruptions and voltage variations Immunity EMC.L26 - Voltage dips, short interruptions and voltage variations Immunity EMC.L39 - Electric transient transmission via lines other than supply lines Immunity EMC.L39 - Electric transient transmission via lines other than supply lines Immunity EMC.L39 - Electric transient transmission via lines other than supply lines Immunity EMC.L39 - Electric transient transmission via lines other than supply lines Immunity EMC.L39 - Weighing performance using and additional weights PT25 - Weighing performance using a control instrument PT31 - Reference speed test in practical conditions ay Vessels for commercial transactions OIML R 138:2007 PT35 - Capacity measurements CL01 - Temperatures CL02 - Humidity EMC.L07 - Immunity to conducted disturbances, induced by radio-frequency EMC.L12 - Electrostatic discharge immunity (ESD) EMC.L22 - Electrical fast transient / burst immunity (EFT) EMC.L23 - Surge immunity EMC.L30 - DC voltage dipls, short interruptions and voltage variations Immunity EMC.L30 - DC voltage dipls, short interruptions and voltage variations Immunity EMC.L30 - DC voltage dipls, short interruptions and voltage variations Immunity EMC.L30 - DC voltage dipls, short interruptions and voltage variations Immunity EMC.L30 - DC voltage dipls, short interruptions and voltage variations Immunity EMC.L30 - Voltage dipls, short interruptions and voltage variations Immunity EMC.L30 - Voltage dipls, short interruptions and voltage variations Immunity EMC.L30 - Voltage dipls, short interruptions and voltage variations Immunity EMC.L30 - Voltage dipls, short interruptions and voltage variations					
ai Automatic instruments for weighing road vehicles in motion and measuring axle loads Automatic instruments for weighing road vehicles in motion and measuring axle loads OIML R 134-1:2006 OIML R 135-2007 OIML R 138-2007 O				3	
ai Automatic instruments for weighing road vehicles in motion and measuring axle loads Automatic instruments for weighing road vehicles in motion and measuring axle loads OIML R 134-1:2006 OIML R 134-1:2006 OIML R 134-2006 OIML R 134-1:2006 OIML R 138:2007 OIML R					
EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency EMC.I.22 - Electrical fast transient / burst immunity (EFT) EMC.I.23 - Surge immunity EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity EMC.I.27 - Electric transient transmission via lines other than supply lines Immunity EMC.I.39 - Electric transient transmission via lines other than supply lines Immunity EMC.I.40 - Radiated Immunity, ETOI - AC and DC voltage and frequency variations PTZ4 - Weighing performance using small additional weights PTZ5 - Weighing performance using standard or high resolution mode PTZ6 - Weighing performance using a control instrument PTZ1 - Reference speed test in practical conditions Vessels for commercial transactions					
EMC.1.21 - Electrostatic discharge immunity (ESD) EMC.1.22 - Electrical fast transient / burst immunity (EFT) EMC.1.23 - Surge immunity EMC.1.26 - Voltage dips, short interruptions and voltage variations Immunity EMC.1.27 - Electric transient transmission via lines other than supply lines Im EMC.1.29 - Electric transient transmission via lines other than supply lines Im EMC.1.29 - Electric transient transmission via lines other than supply lines Im EMC.1.20 - Electric transient transmission via lines other than supply lines Im EMC.1.21 - Electric transient transmission via lines other than supply lines Im EMC.1.27 - Electric transient transmission via lines other than supply lines Im EMC.1.24 - Radiated Immunity, ETO1 - AC and DC voltage and frequency variations PT25 - Weighing performance using standard or high resolution mode PT26 - Weighing performance using a control instrument PT31 - Reference speed test in practical conditions PT35 - Capacity measurements CL01 - Temperatures CL02 - Humidity EMC.1.21 - Electrostatic discharge immunity (ESD) EMC.1.22 - Electricat fast transient / burst immunity (ETD) EMC.1.23 - Surge immunity EMC.1.23 - Surge immunity EMC.1.26 - Voltage dips, short interruptions and voltage variations Immunity EMC.1.30 - DC voltage ripple Immunity EMC.1.30 - DC Voltage dips, short interruptions and voltage variations Immunity EMC.1.40 - Radiated Immunity, ETO1 - AC and DC voltage and frequency variations PT25 - Weighing performance using standard or high resolution mode					
Automatic instruments for weighing road vehicles in motion and measuring axle loads Automatic instruments for weighing road vehicles in motion and measuring axle loads Automatic instruments for weighing road vehicles in motion and measuring axle loads OIML R 134-1:2006 EMC.L23 - Surge immunity EMC.L27 - Electric transient transmission via lines other than supply lines Immunity EMC.L39 - Electric transient transmission along supply lines Immunity EMC.L30 - Radiated Immunity, ET01 - AC and DC voltage and frequency variations PT24 - Weighing performance using standard or high resolution mode PT25 - Weighing performance using a control instrument PT31 - Reference speed test in practical conditions PT35 - Capacity measurements CL01 - Temperatures CL02 - Humidity EMC.L30 - Immunity to conducted disturbances, induced by radio-frequency EMC.L31 - Electrical fast transient / burst immunity (EFT) EMC.L32 - Surge immunity EMC.L30 - DC voltage dips, short interruptions and voltage variations Immunity EMC.L30 - DC voltage dips, short interruptions and voltage variations Immunity EMC.L30 - DC voltage dips, short interruptions and voltage variations Immunity EMC.L30 - DC voltage dips, short interruptions and voltage variations Immunity EMC.L30 - DC voltage dips, short interruptions and voltage variations Immunity EMC.L30 - DC voltage dips, short interruptions and voltage variations Immunity EMC.L30 - DC voltage dips, short interruptions and voltage variations Immunity EMC.L30 - DC voltage dips, short interruptions and voltage variations Immunity EMC.L30 - DC voltage dips, short interruptions and voltage variations Immunity EMC.L30 - DC voltage dips, short interruptions and voltage variations Immunity EMC.L40 - Radiated Immunity, ET01 - AC and DC voltage and frequency variations PT25 - Weighing performance using standard or high resolution mode					
Automatic instruments for weighing road vehicles in motion and measuring axle loads Automatic instruments for weighing road vehicles in motion and measuring axle loads Automatic instruments for weighing road vehicles in motion and measuring axle loads Automatic instruments for weighing road vehicles in motion and measuring axle loads Automatic instruments for weighing road vehicles in motion and measuring axle loads Automatic instruments for weighing road vehicles in motion and measuring axle loads BMC.I.23 - Voltage dips, short interruptions and voltage variations lmmunity EMC.I.39 - Electric transient transmission along supply lines Immunity EMC.I.40 - Radiated Immunity, ET01 - AC and DC voltage and frequency variations PT24 - Weighing performance using standard or high resolution mode PT25 - Weighing performance using a control instrument PT31 - Reference speed test in practical conditions PT35 - Capacity measurements CL01 - Temperatures CL02 - Humidity EMC.I.27 - Immunity to conducted disturbances, induced by radio-frequency EMC.I.21 - Electrostatic discharge immunity (EFT) EMC.I.23 - Surge immunity EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity EMC.I.37 - DC Voltage dips, short interruptions and voltage variations Immunity EMC.I.40 - Radiated Immunity, EMC.I.40 - Radiated Immunity, ET01 - AC and DC voltage and frequency variations PT25 - Weighing performance using standard or high resolution mode					
Automatic instruments for weighing road vehicles in motion and measuring axle loads Mathematic instruments for weighing road vehicles in motion and measuring axle loads EMC.1.27 - Electric transient transmission via lines other than supply lines Im EMC.1.39 - Electric transient transmission along supply lines Immunity EMC.1.40 - Radiated Immunity, ETO1 - AC and DC voltage and frequency variations PT24 - Weighing performance using small additional weights PT25 - Weighing performance using standard or high resolution mode PT26 - Weighing performance using a control instrument PT31 - Reference speed test in practical conditions					
Automatic instruments for Weighing road vehicles in motion and measuring axle loads Automatic instruments for Weighing road vehicles in motion and measuring axle loads Automatic instruments for Weighing axle loads Automatic instruments for Weighing performance using sand ladditional weights EMC.I.39 - Electric transient transmission via lines other than supply lines Immunity, ET01 - AC and DC voltage and frequency variations PT24 - Weighing performance using small additional weights PT25 - Weighing performance using standard or high resolution mode PT26 - Weighing performance using a control instrument PT31 - Reference speed test in practical conditions Automatic instruments provided in the specific provided					
Wenicles in motion and measuring axie loads EMC.I.39 - Electric transient transmission along supply lines Immunity EMC.I.40 - Radiated Immunity, ET01 - AC and DC voltage and frequency variations PT24 - Weighing performance using small additional weights PT25 - Weighing performance using standard or high resolution mode PT26 - Weighing performance using a control instrument PT31 - Reference speed test in practical conditions PT35 - Capacity measurements CL01 - Temperatures CL02 - Humidity EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency EMC.I.21 - Electrostatic discharge immunity (ESD) EMC.I.22 - Electrical fast transient / burst immunity (EFT) EMC.I.23 - Surge immunity EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity EMC.I.37 - DC voltage dips, short interruptions and voltage variations Immunity EMC.I.37 - DC Voltage and frequency variations PT25 - Weighing performance using standard or high resolution mode			OIML R 134-1:2006		
EMC.I.40 - Radiated Immunity, ET01 - AC and DC voltage and frequency variations PT24 - Weighing performance using small additional weights PT25 - Weighing performance using standard or high resolution mode PT26 - Weighing performance using a control instrument PT31 - Reference speed test in practical conditions aj Vessels for commercial transactions OIML R 138:2007 PT35 - Capacity measurements CL01 - Temperatures CL02 - Humidity EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency EMC.I.21 - Electrostatic discharge immunity (ESD) EMC.I.22 - Electrical fast transient / burst immunity (EFT) EMC.I.23 - Surge immunity Continuous totalizing automatic weighing instruments of the arched chute type OIML R 150-2:2020 OIML R 150-2:2020 OIML R 150-2:2020 EMC.I.30 - DC voltage dips, short interruptions and voltage variations Immunity EMC.I.37 - DC Voltage and frequency variations PT25 - Weighing performance using standard or high resolution mode	'	vehicles in motion and measuring axle loads	OIME N 134-1.2000		
ET01 - AC and DC voltage and frequency variations PT24 - Weighing performance using small additional weights PT25 - Weighing performance using standard or high resolution mode PT26 - Weighing performance using standard or high resolution mode PT26 - Weighing performance using standard or high resolution mode PT26 - Weighing performance using a control instrument PT31 - Reference speed test in practical conditions PT35 - Capacity measurements CL01 - Temperatures CL02 - Humidity EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency EMC.I.21 - Electrostatic discharge immunity (ESD) EMC.I.22 - Electrical fast transient / burst immunity (EFT) EMC.I.23 - Surge immunity EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity EMC.I.30 - DC voltage dips, short interruptions and voltage variations Immu EMC.I.40 - Radiated Immunity, ET01 - AC and DC voltage and frequency variations PT25 - Weighing performance using standard or high resolution mode					
PT24 - Weighing performance using small additional weights PT25 - Weighing performance using standard or high resolution mode PT26 - Weighing performance using a control instrument PT31 - Reference speed test in practical conditions aj Vessels for commercial transactions OIML R 138:2007 PT35 - Capacity measurements CL01 - Temperatures CL02 - Humidity EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency EMC.I.21 - Electrostatic discharge immunity (ESD) EMC.I.22 - Electrical fast transient / burst immunity (EFT) EMC.I.23 - Surge immunity EMC.I.23 - Surge immunity EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity EMC.I.37 - DC Voltage dips, short interruptions and voltage variations Immunity EMC.I.40 - Radiated Immunity, ET01 - AC and DC voltage and frequency variations PT25 - Weighing performance using standard or high resolution mode					
PT25 - Weighing performance using standard or high resolution mode PT26 - Weighing performance using a control instrument PT31 - Reference speed test in practical conditions aj Vessels for commercial transactions OIML R 138:2007 PT35 - Capacity measurements CL01 - Temperatures CL02 - Humidity EMC.I.27 - Immunity to conducted disturbances, induced by radio-frequency EMC.I.21 - Electrostatic discharge immunity (ESD) EMC.I.22 - Electrical fast transient / burst immunity (EFT) EMC.I.23 - Surge immunity EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity EMC.I.37 - DC Voltage dips, short interruptions and voltage variations Immunity EMC.I.30 - DC voltage and frequency variations PT25 - Weighing performance using standard or high resolution mode					
PT26 - Weighing performance using a control instrument PT31 - Reference speed test in practical conditions aj Vessels for commercial transactions OIML R 138:2007 PT35 - Capacity measurements CL01 - Temperatures CL02 - Humidity EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency EMC.I.21 - Electrostatic discharge immunity (ESD) EMC.I.22 - Electrical fast transient / burst immunity (EFT) EMC.I.23 - Surge immunity EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity EMC.I.37 - DC Voltage dips, short interruptions and voltage variations Immunity EMC.I.40 - Radiated Immunity, ET01 - AC and DC voltage and frequency variations PT25 - Weighing performance using standard or high resolution mode					
Ak Continuous totalizing automatic weighing instruments of the arched chute type Continuous totalizing automatic weighing instruments of the arched chute type Continuous totalizing automatic weighing instruments of the arched chute type Continuous totalizing automatic weighing instruments of the arched chute type Continuous totalizing automatic weighing instruments of the arched chute type Continuous totalizing automatic weighing instruments of the arched chute type Continuous totalizing automatic weighing instruments of the arched chute type Continuous totalizing automatic weighing instruments of the arched chute type Continuous totalizing automatic weighing instruments of the arched chute type Continuous totalizing automatic weighing instruments of the arched chute type Continuous totalizing automatic weighing instruments of the arched chute type Continuous totalizing automatic weighing instruments of the arched chute type Continuous totalizing automatic weighing instruments of the arched chute type Continuous totalizing automatic weighing instruments of the arched chute type Continuous totalizing automatic weighing instruments of the arched chute type Continuous totalizing automatic weighing instruments of the arched chute type Continuous totalizing automatic weighing instruments of the arched chute type Continuous totalizing automatic weighing instruments of the arched chute type Continuous totalizing automatic weighing instruments of the arched chute type Continuous totalizing automatic weighing instruments of the arched chute type Continuous totalizing automatic weighing instruments of the arched chute type Continuous totalizing automatic weighing instruments of the arched chute type Continuous totalizing automatic weighing instruments of the arched chute type Continuous totalizing automatic weighing instruments of the arched chute type Continuous totalizing automatic weighing instruments of the arched chute type Continuous totalizing automatic weighing instruments of the arched					
aj Vessels for commercial transactions OIML R 138:2007 PT35 - Capacity measurements CL01 - Temperatures CL02 - Humidity EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency EMC.I.21 - Electrostatic discharge immunity (ESD) EMC.I.22 - Electrical fast transient / burst immunity (EFT) EMC.I.23 - Surge immunity EMC.I.23 - Surge immunity EMC.I.30 - DC voltage dips, short interruptions and voltage variations Immunity EMC.I.37 - DC Voltage dips, short interruptions and voltage variations Immunity EMC.I.40 - Radiated Immunity, ET01 - AC and DC voltage and frequency variations PT25 - Weighing performance using standard or high resolution mode					
CL01 - Temperatures CL02 - Humidity EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency EMC.I.21 - Electrostatic discharge immunity (ESD) EMC.I.22 - Electrical fast transient / burst immunity (EFT) EMC.I.23 - Surge immunity EMC.I.23 - Surge immunity EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity EMC.I.37 - DC Voltage dips, short interruptions and voltage variations Immunity EMC.I.40 - Radiated Immunity, ETD1 - AC and DC voltage and frequency variations PT25 - Weighing performance using standard or high resolution mode	i	Vessels for commercial transactions	OIML R 138:2007		
ak Continuous totalizing automatic weighing instruments of the arched chute type Continuous totalizing automatic weighing instruments of the arched chute type Continuous totalizing automatic weighing instruments of the arched chute type Continuous totalizing automatic weighing instruments of the arched chute type Continuous totalizing automatic weighing instruments of the arched chute type Continuous totalizing automatic weighing instruments of the arched chute type Continuous totalizing automatic weighing instruments of the arched chute type Continuous totalizing automatic weighing instruments of the arched chute type Continuous totalizing automatic weighing instruments of the arched chute type Continuous totalizing automatic weighing instruments of the arched chute type Continuous totalizing automatic weighing immunity (EFT) EMC.I.23 - Surge immunity EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity EMC.I.37 - DC Voltage dips, short interruptions and voltage variations Immunity EMC.I.40 - Radiated Immunity, ETO1 - AC and DC voltage and frequency variations PT25 - Weighing performance using standard or high resolution mode	,				
EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency EMC.I.21 - Electrostatic discharge immunity (ESD) EMC.I.22 - Electrical fast transient / burst immunity (EFT) EMC.I.23 - Surge immunity EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity EMC.I.37 - DC Voltage dips, short interruptions and voltage variations Immunity EMC.I.37 - DC Voltage dips, short interruptions and voltage variations Immunity EMC.I.39 - DC voltage dips, short interruptions and voltage variations Immunity EMC.I.37 - DC Voltage and frequency variations PT25 - Weighing performance using standard or high resolution mode					
EMC.I.21 - Electrostatic discharge immunity (ESD) EMC.I.22 - Electrical fast transient / burst immunity (EFT) EMC.I.23 - Surge immunity EMC.I.23 - Surge immunity EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity EMC.I.30 - DC voltage dips, short interruptions and voltage variations Immu EMC.I.40 - Radiated Immunity, ETO1 - AC and DC voltage and frequency variations PT25 - Weighing performance using standard or high resolution mode					
EMC.I.22 - Electrical fast transient / burst immunity (EFT) EMC.I.23 - Surge immunity EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity EMC.I.37 - DC Voltage dips, short interruptions and voltage variations Immunity EMC.I.37 - DC Voltage dips, short interruptions and voltage variations Immunity EMC.I.40 - Radiated Immunity, ETO1 - AC and DC voltage and frequency variations PT25 - Weighing performance using standard or high resolution mode					
Continuous totalizing automatic weighing instruments of the arched chute type OIML R 150-2:2020 OIML R 150-2:2020 EMC.I.23 - Surge immunity EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity EMC.I.37 - DC Voltage dips, short interruptions and voltage variations Immunity EMC.I.40 - Radiated Immunity, ETT01 - AC and DC voltage and frequency variations PT25 - Weighing performance using standard or high resolution mode					
ak Continuous totalizing automatic weigning instruments of the arched chute type OIML R 150-2:2020 EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity EMC.I.30 - DC Voltage dips, short interruptions and voltage variations Immunity EMC.I.40 - Radiated Immunity, ET01 - AC and DC voltage and frequency variations PT25 - Weighing performance using standard or high resolution mode					
EMC.I.30 - DC voltage ripple Immunity EMC.I.37 - DC Voltage dips, short interruptions and voltage variations Immu EMC.I.40 - Radiated Immunity, ET01 - AC and DC voltage and frequency variations PT25 - Weighing performance using standard or high resolution mode					
EMC.I.37 - DC Voltage dips, short interruptions and voltage variations Immu EMC.I.40 - Radiated Immunity, ET01 - AC and DC voltage and frequency variations PT25 - Weighing performance using standard or high resolution mode					
ET01 - AC and DC voltage and frequency variations PT25 - Weighing performance using standard or high resolution mode				EMC.I.37 - DC Voltage dips, short interruptions and voltage variations Immunity	
PT25 - Weighing performance using standard or high resolution mode				EMC.I.40 - Radiated Immunity,	
				PT25 - Weighing performance using standard or high resolution mode	
				PT26 - Weighing performance using a control instrument	
CL01 - Temperatures					
CL02 - Humidity				CL02 - Humidity	
EMC.I.21 - Electrostatic discharge immunity (ESD)				EMC.I.21 - Electrostatic discharge immunity (ESD)	
al Material measures of length for general use OIML R 35-2:2011 EMC.I.40 - Radiated Immunity,	I	Material measures of length for general use	OIML R 35-2:2011	EMC.I.40 - Radiated Immunity,	
ET01 - AC and DC voltage and frequency variations				ET01 - AC and DC voltage and frequency variations	
ME03 - Mechanical shock / Resistance to mishandling / Mechanical impact				ME03 - Mechanical shock / Resistance to mishandling / Mechanical impact	
PT28 - Length / Linear dimension					
				EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency fields	
EMC.I.21 - Electrostatic discharge immunity (ESD)					
EMC.I.22 - Electrical fast transient / burst immunity (EFT)				EMC.I.22 - Electrical fast transient / burst immunity (EFT)	
EMC.I.23 - Surge immunity					
			OIML R 50-2:2014	EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity	
instruments (belt weighers) EMC.I.40 - Radiated Immunity,	111	instruments (belt weighers)	OHVIL IN 30-2.2014		
				ET01 - AC and DC voltage and frequency variations	
	1			DTOE AMelian and former and continue the short of the second states and the	
PT25 - Weighing performance using standard or high resolution mode					
				PT26 - Weighing performance using a control instrument	



No.	Column1	Column2	Test activity reference number and description
			CL01 - Temperatures
			CL02 - Humidity
			EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency fields
			EMC.I.21 - Electrostatic discharge immunity (ESD)
			EMC.I.22 - Electrical fast transient / burst immunity (EFT)
			EMC.I.23 - Surge immunity EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity
			EMC.I.27 - Electric transient transmission via lines other than supply lines Immunity
an	Automatic catchweighing instruments	OIML R 51-1:2006	EMC.I.39 - Electric transient transmission along supply lines Immunity
			EMC.I.40 - Radiated Immunity,
			ET01 - AC and DC voltage and frequency variations
			ME10 - Tilting
			PT24 - Weighing performance using small additional weights
			PT25 - Weighing performance using standard or high resolution mode
			PT26 - Weighing performance using a control instrument
			PT27 - Measurement of a belt speed
			CL01 - Temperatures
			CL02 - Humidity
			EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency fields EMC.I.21 - Electrostatic discharge immunity (ESD)
			EMC.I.22 - Electrical fast transient / burst immunity (EFT)
ao	Load cells	OIML R 60-2 2021	EMC.I.23 - Surge immunity
uo	2000 00.13	0	EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity
			EMC.I.40 - Radiated Immunity,
			ET01 - AC and DC voltage and frequency variations
			PT02 - Pressure tests
			PT25 - Weighing performance using standard or high resolution mode
			CL01 - Temperatures
			CL02 - Humidity
			EMC.1.07 - Immunity to conducted disturbances, induced by radio-frequency fields
			EMC.I.22 - Electrical fast transient / burst immunity (EFT) EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity
ар	Automatic gravimetric filling instruments	OIML R 61-1:2004	EMC.I.40 - Radiated Immunity,
ар	Automatic gravimetric minig matraments	ONVIETO 11.2004	ET01 - AC and DC voltage and frequency variations
			ME10 - Tilting
			PT24 - Weighing performance using small additional weights
			PT25 - Weighing performance using standard or high resolution mode
			PT26 - Weighing performance using a control instrument
			CL01 - Temperatures
			CL02 - Humidity
			EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency fields
			EMC.I.21 - Electrostatic discharge immunity (ESD)
	Automatic gravimetric filling instruments		EMC.I.22 - Electrical fast transient / burst immunity (EFT)
		OIML R 61-2:2017	EMC.I.23 - Surge immunity EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity
			EMC.I.27 - Electric transient transmission via lines other than supply lines Immunity
aq			EMC.I.30 - DC voltage ripple Immunity
			EMC.I.37 - DC Voltage dips, short interruptions and voltage variations Immunity
			EMC.I.39 - Electric transient transmission along supply lines Immunity
			EMC.I.40 - Radiated Immunity,
1			ET01 - AC and DC voltage and frequency variations
1			ME10 - Tilting
1			PT24 - Weighing performance using small additional weights
			PT25 - Weighing performance using standard or high resolution mode
-			PT26 - Weighing performance using a control instrument CL01 - Temperatures
			CL02 - Humidity
			EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency fields
			EMC.I.21 - Electrostatic discharge immunity (ESD)
			EMC.I.22 - Electrical fast transient / burst immunity (EFT)
			EMC.I.23 - Surge immunity
			EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity
ar	Non-automatic weighing instruments	OIML R 76-1:2006	EMC.I.27 - Electric transient transmission via lines other than supply lines Immunity
ar	Non-automatic weighing instruments	OIML R 76-1:2006	EMC.I.37 - DC Voltage dips, short interruptions and voltage variations Immunity
			EMC.I.39 - Electric transient transmission along supply lines Immunity
			EMC.I.40 - Radiated Immunity,
			ET01 - AC and DC voltage and frequency variations
			ME10 - Tilting
			PT13 - Simulated inputs and outputs PT24 - Weighing performance using small additional weights
			PT25 - Weighing performance using small additional weights PT25 - Weighing performance using standard or high resolution mode
			r 125 - weigning performance using standard or nigh resolution mode



No.	Column1	Column2	Test activity reference number and description
			CL01 - Temperatures
			CL02 - Humidity
			CL04 - Sand and Dust
			CL05 - Water
			EMC.1.03 - Harmonics and interharmonics including mains signaling at a.c. power port,
			low frequency immunity
			EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency fields
			EMC.I.09 - Continuous magnetic field Immunity
			EMC.I.10 - Short time overcurrent Immunity overcurrent value
			EMC.I.11 - Impulse voltage Immunity EMC.I.21 - Electrostatic discharge immunity (ESD)
as	Electricity metering equipment	ANSI C12.32:2021	EMC.I.22 - Electrostatic discharge infindintly (ESD) EMC.I.22 - Electrical fast transient / burst immunity (EFT)
			EMC.I.23 - Surge immunity
			EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity
			EMC.I.40 - Radiated Immunity,
			ET01 - AC and DC voltage and frequency variations
			ET05 - DC voltage test up to 5 kV
			ET06 - AC power-frequency voltage test up to 4 kV
			ME02 - Sinusoidal vibration
			ME03 - Mechanical shock / Resistance to mishandling / Mechanical impact
			PT11 - Clock accuracy
			PT15 - Electrical performance test for DC energy (kWh)
			CL01 - Temperatures
			CL02 - Humidity
			EMC.I.03 - Harmonics and interharmonics including mains signaling at a.c. power port,
			low frequency immunity
			EMC.I.09 - Continuous magnetic field Immunity
			EMC.I.21 - Electrostatic discharge immunity (ESD)
			EMC.I.22 - Electrical fast transient / burst immunity (EFT)
			EMC.I.23 - Surge immunity
			EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity
at	Electricity metering equipment	ANSI C12.1:2022	EMC.I.36 - Ring wave immunity test
			EMC.I.40 - Radiated Immunity,
			ET01 - AC and DC voltage and frequency variations
			ET02 - Current variation
			ET05 - DC voltage test up to 5 kV
			ET06 - AC power-frequency voltage test up to 4 kV
			ME02 - Sinusoidal vibration
			ME03 - Mechanical shock / Resistance to mishandling / Mechanical impact
			PT01 - Temperatures
			PT14 - Electrical performance test for AC energy (kWh)
			CL01 - Temperatures
	Electricity metering equipment	EN 50470-4:2023	EMC.I.03 - Harmonics and interharmonics including mains signaling at a.c. power port,
au			low frequency immunity
au			PT11 - Clock accuracy
			PT14 - Electrical performance test for AC energy (kWh)
			PT15 - Electrical performance test for DC energy (kWh)
			CL01 - Temperatures
			CL02 - Humidity
			CL04 - Sand and Dust
			CL05 - Water
			EMC.I.17 - Immunity to conducted disturbances, induced by radio-frequency fields
			EMC.I.11 - Impulse voltage Immunity EMC.I.21 - Electrostatic discharge immunity (ESD)
			EMC.I.21 - Electrostatic discharge immunity (ESD) EMC.I.22 - Electrical fast transient / burst immunity (EFT)
			EMC.I.22 - Electrical rast transient / burst immunity (EF1) EMC.I.23 - Surge immunity
			EMC.I.23 - Surge Immunity EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity
av	Electricity metering equipment	EN 50470-1:2006	EMC.I.38 - Damped oscillatory wave immunity
			EMC.I.40 - Radiated Immunity,
			ET01 - AC and DC voltage and frequency variations
			ET06 - AC and be voltage and frequency variations ET06 - AC power-frequency voltage test up to 4 kV
			ME02 - Sinusoidal vibration
			ME03 - Mechanical shock / Resistance to mishandling / Mechanical impact
			ME04 - Spring Hammer Test / Mechanical impact
			ME05 - Glow wire ≤ 960 °C
			PT01 - Temperatures
			PT14 - Electrical performance test for AC energy (kWh)
	1	<u>l</u>	Liceated performance test for the energy (Keen)



No.	Column1	Column2	Test activity reference number and description
			CL01 - Temperatures
			CL02 - Humidity
			CL04 - Sand and Dust CL05 - Water
			EMC.I.03 - Harmonics and interharmonics including mains signaling at a.c. power port,
			low frequency immunity
			EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency fields
			EMC.I.09 - Continuous magnetic field Immunity
			EMC.I.10 - Short time overcurrent Immunity overcurrent value
			EMC.I.11 - Impulse voltage Immunity
aw	Electricity metering equipment	EN 50470-2:2006	EMC.I.22 - Electrical fast transient / burst immunity (EFT)
avv	Electricity metering equipment	214 3047 0 2.2000	EMC.I.24 - Power frequency magnetic field immunity
			EMC.I.38 - Damped oscillatory wave immunity
			ET01 - AC and DC voltage and frequency variations
			ET02 - Current variation ET06 - AC power-frequency voltage test up to 4 kV
			ME02 - Sinusoidal vibration
			ME03 - Mechanical shock / Resistance to mishandling / Mechanical impact
			ME04 - Spring Hammer Test / Mechanical impact
			ME05 - Glow wire ≤ 960 °C
			ME10 - Tilting
			PT14 - Electrical performance test for AC energy (kWh)
			CL01 - Temperatures
			EMC.1.03 - Harmonics and interharmonics including mains signaling at a.c. power port,
			low frequency immunity
			EMC.I.09 - Continuous magnetic field Immunity EMC.I.10 - Short time overcurrent Immunity overcurrent value
ax	Electricity metering equipment	EN 50470-3:2006	EMC.I.11 - Impulse voltage Immunity
ux.	Electricity metering equipment	EN 30470 3.2000	EMC.I.24 - Power frequency magnetic field immunity
			ET01 - AC and DC voltage and frequency variations
			ET02 - Current variation
			ET06 - AC power-frequency voltage test up to 4 kV
			PT14 - Electrical performance test for AC energy (kWh)
			CL01 - Temperatures
ay	Electricity metering equipment	EN 50470-3:2022	PT11 - Clock accuracy
			PT14 - Electrical performance test for AC energy (kWh) CL01 - Temperatures
			CL02 - Humidity
			EMC.I.03 - Harmonics and interharmonics including mains signaling at a.c. power port,
	Electricity metering equipment		low frequency immunity
			EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency fields
			EMC.I.09 - Continuous magnetic field Immunity
			EMC.I.10 - Short time overcurrent Immunity overcurrent value
			EMC.I.21 - Electrostatic discharge immunity (ESD)
			EMC.I.22 - Electrical fast transient / burst immunity (EFT)
			EMC.I.23 - Surge immunity EMC.I.24 - Power frequency magnetic field immunity
az		EN IEC 62052-11:2021/A11:2022	EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity
			EMC.I.36 - Ring wave immunity test
			EMC.I.38 - Damped oscillatory wave immunity
			EMC.I.40 - Radiated Immunity,
			ET01 - AC and DC voltage and frequency variations
			ET02 - Current variation
			ME02 - Sinusoidal vibration
			ME03 - Mechanical shock / Resistance to mishandling / Mechanical impact
			PT11 - Clock accuracy PT14 - Electrical performance test for AC energy (kWh)
			PT23 - Time measurement of signals
-			CL01 - Temperatures
			EMC.I.03 - Harmonics and interharmonics including mains signaling at a.c. power port,
			low frequency immunity
			EMC.I.48 - An objective light flickermeter and voltage fluctuation immunity test
	Electromagnetic compatibility (EMC) - Part 4-30:		ET01 - AC and DC voltage and frequency variations
ba	Testing and measurement techniques - Power	IEC 61000-4-30:2015	ET02 - Current variation
	quality measurement methods		PT11 - Clock accuracy
			PT16 - Electrical performance test for frequency measurement
			PT17 - Electrical performance test for voltage measurement
			PT18 - Electrical performance test for current measurement
			PT19 - Flicker measurement



No.	Column1	Column2	Test activity reference number and description
			CL01 - Temperatures
			CL02 - Humidity
			EMC.I.03 - Harmonics and interharmonics including mains signaling at a.c. power port,
			low frequency immunity
			EMC.I.09 - Continuous magnetic field Immunity
			EMC.I.22 - Electrical fast transient / burst immunity (EFT)
			EMC.I.23 - Surge immunity
bb	Power metering and monitoring devices (PMD)	IEC 61557-12:2018	EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity ET01 - AC and DC voltage and frequency variations
DD	rower metering and monitoring devices (FWD)	12.2016	ET02 - Current variation
			PT11 - Clock accuracy
			PT16 - Electrical performance test for frequency measurement
			PT17 - Electrical performance test for voltage measurement
			PT18 - Electrical performance test for current measurement
			PT20 - Electrical performance test for active power (W)
			PT21 - Electrical performance test for apparent power (VA)
			PT22 - Electrical performance test for power factor (PF)
			CL01 - Temperatures
			CL02 - Humidity
			EMC.I.03 - Harmonics and interharmonics including mains signaling at a.c. power port,
			low frequency immunity
			EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency fields EMC.I.09 - Continuous magnetic field Immunity
			EMC.I.10 - Short time overcurrent Immunity overcurrent value
			EMC.I.21 - Electrostatic discharge immunity (ESD)
			EMC.I.22 - Electrical fast transient / burst immunity (EFT)
			EMC.I.23 - Surge immunity
	Electricite and the control of the control of	IEC 62052-11:2020	EMC.I.24 - Power frequency magnetic field immunity
bc	Electricity metering equipment		EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity
			EMC.I.36 - Ring wave immunity test
			EMC.I.38 - Damped oscillatory wave immunity
			EMC.I.40 - Radiated Immunity,
			ET01 - AC and DC voltage and frequency variations
			ET02 - Current variation
			MEO2 - Sinusoidal vibration MEO3 - Machanical shock / Posistance to mishandling / Machanical impact
			ME03 - Mechanical shock / Resistance to mishandling / Mechanical impact PT11 - Clock accuracy
			PT14 - Electrical performance test for AC energy (kWh)
			PT23 - Time measurement of signals
			CL01 - Temperatures
			CL04 - Sand and Dust
			CL05 - Water
			EMC.I.03 - Harmonics and interharmonics including mains signaling at a.c. power port,
			low frequency immunity
			EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency fields
			EMC.I.09 - Continuous magnetic field Immunity
			EMC.I.11 - Impulse voltage Immunity EMC.I.21 - Electrostatic discharge immunity (ESD)
			EMC.1.21 - Electrostatic discharge immunity (ESD) EMC.1.22 - Electrical fast transient / burst immunity (EFT)
			EMC.I.23 - Surge immunity
			EMC.I.24 - Power frequency magnetic field immunity
bd	Electricity metering equipment	IEC 62052-21:2004	EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity
			EMC.I.40 - Radiated Immunity,
			ET01 - AC and DC voltage and frequency variations
			ET02 - Current variation
			ET06 - AC power-frequency voltage test up to 4 kV
			ME02 - Sinusoidal vibration
			ME03 - Mechanical shock / Resistance to mishandling / Mechanical impact
			ME04 - Spring Hammer Test / Mechanical impact
			ME05 - Glow wire ≤ 960 °C
			PT01 - Temperatures PT11 - Clock accuracy
			PT23 - Time measurement of signals
			PT28 - Length / Linear dimension
			r 120 - Lengui / Lilledi ulillerision



No. Co	olumn1	Column2	Test activity reference number and description CH04 - Indelibility
			CH04 - Indelibility
			CL01 - Temperatures
			CL02 - Humidity
			CL04 - Sand and Dust
			CL05 - Water
			EMC.I.11 - Impulse voltage Immunity
			EMC.I.23 - Surge immunity ET01 - AC and DC voltage and frequency variations
			ET02 - Current variation
be Ele	ectricity metering equipment	IEC 62052-31:2015	ET05 - DC voltage test up to 5 kV
			ET06 - AC power-frequency voltage test up to 4 kV
			ME04 - Spring Hammer Test / Mechanical impact
			ME05 - Glow wire ≤ 960 °C
			ME08 - Measurement and application of torque ME11 - Cable Flexion and pull test
			ME13 - Ball pressure
			ME15 - Sharp edge test
			PT01 - Temperatures
			CL01 - Temperatures
			CL02 - Humidity
			EMC.I.03 - Harmonics and interharmonics including mains signaling at a.c. power port,
			low frequency immunity EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency fields
			EMC.I.09 - Continuous magnetic field Immunity
			EMC.I.10 - Short time overcurrent Immunity overcurrent value
			EMC.I.21 - Electrostatic discharge immunity (ESD)
			EMC.I.22 - Electrical fast transient / burst immunity (EFT)
			EMC.I.23 - Surge immunity
bf Ele	ectricity metering equipment	IEC 62053-21:2020	EMC.I.24 - Power frequency magnetic field immunity
			EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity EMC.I.36 - Ring wave immunity test
			EMC.I.38 - Damped oscillatory wave immunity
			EMC.I.40 - Radiated Immunity,
			ET01 - AC and DC voltage and frequency variations
			ET02 - Current variation
			ME02 - Sinusoidal vibration
			ME03 - Mechanical shock / Resistance to mishandling / Mechanical impact PT11 - Clock accuracy
			PT14 - Electrical performance test for AC energy (kWh)
			PT23 - Time measurement of signals
			CL01 - Temperatures
			CL02 - Humidity
			EMC.I.03 - Harmonics and interharmonics including mains signaling at a.c. power port,
			low frequency immunity EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency fields
			EMC.I.09 - Continuous magnetic field Immunity
			EMC.I.10 - Short time overcurrent Immunity overcurrent value
			EMC.I.21 - Electrostatic discharge immunity (ESD)
			EMC.I.22 - Electrical fast transient / burst immunity (EFT)
			EMC.I.23 - Surge immunity
bg Ele	Electricity metering equipment	IEC 62053-22:2020	EMC.I.24 - Power frequency magnetic field immunity EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity
			EMC.I.36 - Ring wave immunity test
			EMC.I.38 - Damped oscillatory wave immunity
			EMC.I.40 - Radiated Immunity,
			ET01 - AC and DC voltage and frequency variations
			ET02 - Current variation ME02 - Sinusoidal vibration
			ME02 - Sinusoidal Vibration ME03 - Mechanical shock / Resistance to mishandling / Mechanical impact
			PT11 - Clock accuracy
			PT14 - Electrical performance test for AC energy (kWh)
			PT23 - Time measurement of signals
			CL01 - Temperatures
		IEC 62053-23 2020	CL02 - Humidity EMC.I.03 - Harmonics and interharmonics including mains signaling at a.c. power port,
			low frequency immunity
			EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency fields
	Electricity metering equipment		EMC.I.09 - Continuous magnetic field Immunity
bh Ele			EMC.I.10 - Short time overcurrent Immunity overcurrent value
			EMC.I.22 - Electrical fast transient / burst immunity (EFT)
			EMC.I.24 - Power frequency magnetic field immunity
1 1			EMC.I.38 - Damped oscillatory wave immunity
			EMC.I.40 - Radiated Immunity, ET01 - AC and DC voltage and frequency variations



No.	Column1	Column2	Test activity reference number and description
140.	Column	Columnia	CL01 - Temperatures
			CL02 - Humidity
			EMC.I.03 - Harmonics and interharmonics including mains signaling at a.c. power port,
			low frequency immunity
			EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency fields
			EMC.I.09 - Continuous magnetic field Immunity
bi	Electricity metering equipment	IEC 62053-24:2020	EMC.I.10 - Short time overcurrent Immunity overcurrent value
			EMC.I.22 - Electrical fast transient / burst immunity (EFT)
			EMC.I.24 - Power frequency magnetic field immunity
			EMC.I.38 - Damped oscillatory wave immunity EMC.I.40 - Radiated Immunity,
			ET01 - AC and DC voltage and frequency variations
			PT14 - Electrical performance test for AC energy (kWh)
			CL01 - Temperatures
			CL02 - Humidity
			EMC.I.03 - Harmonics and interharmonics including mains signaling at a.c. power port,
			low frequency immunity
			EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency fields
			EMC.I.09 - Continuous magnetic field Immunity
			EMC.I.10 - Short time overcurrent Immunity overcurrent value
			EMC.I.21 - Electrostatic discharge immunity (ESD)
			EMC.I.22 - Electrical fast transient / burst immunity (EFT)
bj	Electricity metering equipment	IEC 62053-41:2021	EMC.I.23 - Surge immunity
1	3 1 1 2 1		EMC.I.24 - Power frequency magnetic field immunity
			EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity
			EMC.I.40 - Radiated Immunity, ET01 - AC and DC voltage and frequency variations
			ET02 - Current variation
			ME02 - Sinusoidal vibration
			ME03 - Mechanical shock / Resistance to mishandling / Mechanical impact
			PT11 - Clock accuracy
			PT15 - Electrical performance test for DC energy (kWh)
			PT23 - Time measurement of signals
			EMC.I.03 - Harmonics and interharmonics including mains signaling at a.c. power port,
			low frequency immunity
		IEC 62054-11:2004	EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity
bk	Electricity metering equipment		ET01 - AC and DC voltage and frequency variations
			ET02 - Current variation
			PT11 - Clock accuracy
			PT17 - Electrical performance test for voltage measurement CL01 - Temperatures
			EMC.I.03 - Harmonics and interharmonics including mains signaling at a.c. power port,
			low frequency immunity
			EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency fields
			EMC.I.09 - Continuous magnetic field Immunity
			EMC.I.21 - Electrostatic discharge immunity (ESD)
bl	Electricity metering equipment	IEC 62054-21:2004	EMC.I.22 - Electrical fast transient / burst immunity (EFT)
			EMC.I.23 - Surge immunity
			EMC.I.24 - Power frequency magnetic field immunity
			EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity
			EMC.I.40 - Radiated Immunity,
			PT11 - Clock accuracy
			CL01 - Temperatures
			CL02 - Humidity
			EMC.I.03 - Harmonics and interharmonics including mains signaling at a.c. power port, low frequency immunity
			EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency fields
			EMC.I.09 - Continuous magnetic field Immunity
			EMC.I.10 - Short time overcurrent Immunity overcurrent value
			EMC.I.21 - Electrostatic discharge immunity (ESD)
bm			EMC.I.22 - Electrical fast transient / burst immunity (EFT)
	Electricity metering equipment		EMC.I.23 - Surge immunity
			EMC.I.24 - Power frequency magnetic field immunity
			EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity
			EMC.I.36 - Ring wave immunity test
			EMC.I.38 - Damped oscillatory wave immunity
			EMC.I.40 - Radiated Immunity,
			ET01 - AC and DC voltage and frequency variations
			ET02 - Current variation
			ME02 - Sinusoidal vibration
			ME03 - Mechanical shock / Resistance to mishandling / Mechanical impact
			PT11 - Clock accuracy
			PT14 - Electrical performance test for AC energy (kWh)
			PT23 - Time measurement of signals



No.	Column1	Column2	Test activity reference number and description
			CL01 - Temperatures
			EMC.I.03 - Harmonics and interharmonics including mains signaling at a.c. power port,
			low frequency immunity
			EMC.I.48 - An objective light flickermeter and voltage fluctuation immunity test
			ET01 - AC and DC voltage and frequency variations
bn	Power quality measurement in power supply	IEC 62586-2:2017	ET02 - Current variation
	systems		PT11 - Clock accuracy
			PT16 - Electrical performance test for frequency measurement
			PT17 - Electrical performance test for voltage measurement
			PT18 - Electrical performance test for current measurement
			PT19 - Flicker measurement
			CL01 - Temperatures
			CL02 - Humidity
			CL04 - Sand and Dust
			EMC.I.03 - Harmonics and interharmonics including mains signaling at a.c. power port,
			low frequency immunity
			EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency fields
			EMC.I.09 - Continuous magnetic field Immunity
			EMC.I.10 - Short time overcurrent Immunity overcurrent value
			EMC.I.11 - Impulse voltage Immunity
bo	Electricity meters	NMI M 6-1, v4.0, June 2022	EMC.I.22 - Electrical fast transient / burst immunity (EFT)
			EMC.I.24 - Power frequency magnetic field immunity
			EMC.I.40 - Radiated Immunity,
			ETIO1 - AC and DC voltage and frequency variations
			ET06 - AC and BC voltage and frequency variations ET06 - AC power-frequency voltage test up to 4 kV
			ME02 - Sinusoidal vibration
			ME03 - Mechanical shock / Resistance to mishandling / Mechanical impact
			ME10 - Tilting
			PT14 - Electrical performance test for AC energy (kWh) CL01 - Temperatures
			CL01 - Temperatures CL02 - Humidity
			CL02 - Humidity CL04 - Sand and Dust
			CL05 - Water
			EMC.I.03 - Harmonics and interharmonics including mains signaling at a.c. power port,
			low frequency immunity
			EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency fields EMC.I.09 - Continuous magnetic field Immunity
			,
			EMC.I.10 - Short time overcurrent Immunity overcurrent value
			EMC.I.11 - Impulse voltage Immunity
		OIM D 46 402 2042	EMC.I.21 - Electrostatic discharge immunity (ESD)
bp	Active electrical energy meters	OIML R 46-1&2:2012	EMC.I.22 - Electrical fast transient / burst immunity (EFT)
			EMC.I.23 - Surge immunity
			EMC.I.24 - Power frequency magnetic field immunity
			EMC.1.26 - Voltage dips, short interruptions and voltage variations Immunity
			EMC.I.38 - Damped oscillatory wave immunity
			EMC.I.40 - Radiated Immunity,
1	<u> </u>		ET01 - AC and DC voltage and frequency variations
			ME02 - Sinusoidal vibration
			ME03 - Mechanical shock / Resistance to mishandling / Mechanical impact
			ME10 - Tilting
			PT11 - Clock accuracy
L			PT14 - Electrical performance test for AC energy (kWh)



No.	Column1	Column2	Test activity reference number and description
			CH04 - Indelibility
			CL01 - Temperatures
			CL02 - Humidity
			CL04 - Sand and Dust
			CL05 - Water
			EMC.I.03 - Harmonics and interharmonics including mains signaling at a.c. power port,
			low frequency immunity
			EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency fields
			EMC.I.09 - Continuous magnetic field Immunity
			EMC.I.10 - Short time overcurrent Immunity overcurrent value
			EMC.I.11 - Impulse voltage Immunity
			EMC.I.21 - Electrostatic discharge immunity (ESD)
			EMC.I.22 - Electrical fast transient / burst immunity (EFT)
1.	et a tra	544545544564	EMC.I.23 - Surge immunity
bq	Electricity meters - prepayment	SANS 1524-1:2014	EMC.I.24 - Power frequency magnetic field immunity
			EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity
			EMC.I.38 - Damped oscillatory wave immunity
			EMC.I.40 - Radiated Immunity,
			ET01 - AC and DC voltage and frequency variations
			ET02 - Current variation
			ET06 - AC power-frequency voltage test up to 4 kV
			ME02 - Sinusoidal vibration
			ME03 - Mechanical shock / Resistance to mishandling / Mechanical impact
			ME04 - Spring Hammer Test / Mechanical impact
			ME05 - Glow wire ≤ 960 °C
	1		PT01 - Temperatures
			PT11 - Clock accuracy
			PT14 - Electrical performance test for AC energy (kWh)
			EMC.I.24 - Power frequency magnetic field immunity
		CT-002-2 - Corresponding Table - Volume	EMC.I.37 - DC Voltage dips, short interruptions and voltage variations Immunity
br	Measuring systems for gaseous fuel	Conversion Devices - OIML R 140, 2007	ET01 - AC and DC voltage and frequency variations
		CONVERSION DEVICES ONVER 140, 2007	ME03 - Mechanical shock / Resistance to mishandling / Mechanical impact
	_		EMC.I.24 - Power frequency magnetic field immunity
bs	Gas meters	CT-002-I, Version 2016	PT03 - Flow performance tests with air
			CL01 - Temperatures
			CL02 - Humidity
			CL06 - Ultraviolet exposure
	<u> </u>		ME03 - Mechanical shock / Resistance to mishandling / Mechanical impact
			ME04 - Spring Hammer Test / Mechanical impact
			ME08 - Measurement and application of torque
bt	Gas meters	EN 12261:2002/A1:2006	ME09 - Bending moment
			ME16 - Penetration resistance
			PT02 - Pressure tests
			PT03 - Flow performance tests with air
			PT28 - Length / Linear dimension
			PT36 - Angle measurement
			CL01 - Temperatures
			CL02 - Humidity
			CL06 - Ultraviolet exposure
			ME03 - Mechanical shock / Resistance to mishandling / Mechanical impact
			ME04 - Spring Hammer Test / Mechanical impact
			ME08 - Measurement and application of torque
bu	Gas meters	EN 12261:2018	ME09 - Bending moment
			ME16 - Penetration resistance
			PT02 - Pressure tests
			PT03 - Flow performance tests with air
			PT28 - Length / Linear dimension
			3
			PT36 - Angle measurement



No.	Column1	Column2	Test activity reference number and description
			CL01 - Temperatures
			CL02 - Humidity
			CL04 - Sand and Dust
			CL05 - Water
			EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency fields
			EMC.I.21 - Electrostatic discharge immunity (ESD)
			EMC.I.22 - Electrical fast transient / burst immunity (EFT)
			EMC.I.23 - Surge immunity
			EMC.I.24 - Power frequency magnetic field immunity
			EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity
bv	Gas meters	EN 12405-1:2018	EMC.I.37 - DC Voltage dips, short interruptions and voltage variations Immunity
DV	das inecers	LIV 12403 1.2010	EMC.I.40 - Radiated Immunity,
			ET01 - AC and DC voltage and frequency variations
			ME01 - Random vibration
			ME03 - Mechanical shock / Resistance to mishandling / Mechanical impact
			PT01 - Temperatures
			PT02 - Pressure tests
			PT11 - Clock accuracy
			PT12 - Algorithm testing
			PT13 - Simulated inputs and outputs
			PT28 - Length / Linear dimension
			PT36 - Angle measurement
			CL01 - Temperatures
			CL02 - Humidity
			CL04 - Sand and Dust
			CL05 - Water
			EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency fields
			EMC.I.21 - Electrostatic discharge immunity (ESD)
			EMC.I.22 - Electrical fast transient / burst immunity (EFT)
			EMC.I.23 - Surge immunity
			EMC.I.24 - Power frequency magnetic field immunity
			EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity
bw	Gas meters	EN 12405-1:2021	EMC.I.37 - DC Voltage dips, short interruptions and voltage variations Immunity
211	dus meters	1.2021	EMC.I.40 - Radiated Immunity,
			ET01 - AC and DC voltage and frequency variations
			ME01 - Random vibration
			ME03 - Mechanical shock / Resistance to mishandling / Mechanical impact
			PT01 - Temperatures
			PT02 - Pressure tests
			PT11 - Clock accuracy
			PT12 - Algorithm testing
			PT13 - Simulated inputs and outputs
			PT28 - Length / Linear dimension
			PT36 - Angle measurement
			CL01 - Temperatures
			CL02 - Humidity
			CL04 - Sand and Dust
			CL05 - Water
			EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency fields
			EMC.I.21 - Electrostatic discharge immunity (ESD)
			EMC.I.22 - Electrical fast transient / burst immunity (EFT)
			EMC.I.23 - Surge immunity
			EMC.I.24 - Power frequency magnetic field immunity
			EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity
1.		511 40 405 0 0040	EMC.I.37 - DC Voltage dips, short interruptions and voltage variations Immunity
bx	Gas meters	EN 12405-2:2012	EMC.I.40 - Radiated Immunity,
			ET01 - AC and DC voltage and frequency variations
			ME01 - Random vibration
			ME03 - Mechanical shock / Resistance to mishandling / Mechanical impact
			PT01 - Temperatures
			PT02 - Pressure tests
			PT08 - Gas composition reference testing
			PT11 - Clock accuracy
			PT12 - Algorithm testing
			PT13 - Simulated inputs and outputs
			PT28 - Length / Linear dimension
			PT36 - Angle measurement



No.	Column1	Column2	Test activity reference number and description
			CL01 - Temperatures
			CL02 - Humidity
			CL04 - Sand and Dust
			CL05 - Water
			EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency fields
			EMC.I.21 - Electrostatic discharge immunity (ESD)
			EMC.I.22 - Electrical fast transient / burst immunity (EFT)
			EMC.I.23 - Surge immunity
			EMC.I.24 - Power frequency magnetic field immunity
			EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity
			EMC.I.37 - DC Voltage dips, short interruptions and voltage variations Immunity
by	Gas meters	EN 12405-3:2015	EMC.I.40 - Radiated Immunity,
-,			ET01 - AC and DC voltage and frequency variations
			ME01 - Random vibration
			ME03 - Mechanical shock / Resistance to mishandling / Mechanical impact
			PT01 - Temperatures
			PT02 - Pressure tests
			PT03 - Flow performance tests with air
			PT11 - Clock accuracy
			PT12 - Algorithm testing
			PT13 - Simulated inputs and outputs
			PT28 - Length / Linear dimension
			PT36 - Angle measurement
			CH04 - Indelibility
			CL01 - Temperatures
			CL01 - Temperatures CL02 - Humidity
			CLO3 - Resistance to high ambient temperatures
			CL06 - Ultraviolet exposure
			ME03 - Mechanical shock / Resistance to mishandling / Mechanical impact
bz	Gas meters	EN 12480:2002/A1:2006	ME04 - Spring Hammer Test / Mechanical impact
			ME08 - Measurement and application of torque
			ME09 - Bending moment
			ME16 - Penetration resistance
			PT02 - Pressure tests
			PT03 - Flow performance tests with air
			PT28 - Length / Linear dimension
			PT36 - Angle measurement
			CH04 - Indelibility
			CL01 - Temperatures
			CL02 - Humidity
			CL03 - Resistance to high ambient temperatures
			CL06 - Ultraviolet exposure
			ME03 - Mechanical shock / Resistance to mishandling / Mechanical impact
ca	Gas meters	EN 12480:2018	ME04 - Spring Hammer Test / Mechanical impact
Ca	das meters	LIV 12400.2010	ME08 - Measurement and application of torque
			ME09 - Bending moment
			ME16 - Penetration resistance
			PT02 - Pressure tests
			PT03 - Flow performance tests with air
			PT28 - Length / Linear dimension
			PT36 - Angle measurement
			CH01 - Exposure to 3% Toluene/iso-octane vapour
			CH02 - Exposure to Water vapour
			CH04 - Indelibility
			CL01 - Temperatures
			CL02 - Humidity
			CL03 - Resistance to high ambient temperatures
			CL06 - Ultraviolet exposure
			ME02 - Sinusoidal vibration
			ME03 - Mechanical shock / Resistance to mishandling / Mechanical impact
cb	Gas meters	EN 1359:2017	ME04 - Spring Hammer Test / Mechanical impact
			ME08 - Measurement and application of torque
			ME09 - Bending moment
1			ME14 - Adhesion force
			PT02 - Pressure tests
			PT03 - Flow performance tests with air
			PT07 - Flow pulsations
			·
			PT28 - Length / Linear dimension
			PT36 - Angle measurement



No.	Column1	Column2	Test activity reference number and description
			CH01 - Exposure to 3% Toluene/iso-octane vapour CH02 - Exposure to Water vapour
			CH03 - Contaminants in the gas stream
		!	CH04 - Indelibility
			CL01 - Temperatures
			CL02 - Humidity
			CL03 - Resistance to high ambient temperatures
			CL04 - Sand and Dust
			CL05 - Water
			CL06 - Ultraviolet exposure
			EMC.I.21 - Electrostatic discharge immunity (ESD) EMC.I.24 - Power frequency magnetic field immunity
			EMC.1.25 - Pulsed magnetic field Immunity
сс	Gas meters	EN 14236:2018	EMC.I.40 - Radiated Immunity,
cc	das meters	14230.2010	ET01 - AC and DC voltage and frequency variations
			ME02 - Sinusoidal vibration
			ME03 - Mechanical shock / Resistance to mishandling / Mechanical impact
			ME04 - Spring Hammer Test / Mechanical impact
			ME08 - Measurement and application of torque
			ME09 - Bending moment
			ME12 - Acoustic noise interference
			PT02 - Pressure tests
			PT03 - Flow performance tests with air
			PT04 - Flow performance tests with gas mixtures
			PT07 - Flow pulsations
			PT28 - Length / Linear dimension PT36 - Angle measurement
			CH01 - Exposure to 3% Toluene/iso-octane vapour
			CH02 - Exposure to 37/ Tolidene/iso-octaile vapodi
			CH03 - Contaminants in the gas stream
			CL01 - Temperatures
			CL02 - Humidity
			CL03 - Resistance to high ambient temperatures
			CL04 - Sand and Dust
			CL05 - Water
			EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency fields
			EMC.I.09 - Continuous magnetic field Immunity
			EMC.I.21 - Electrostatic discharge immunity (ESD)
cd	Gas meters	EN 16314:2013	EMC.I.22 - Electrical fast transient / burst immunity (EFT) EMC.I.23 - Surge immunity
			EMC.I.24 - Power frequency magnetic field immunity
			EMC.I.25 - Pulsed magnetic field Immunity
			EMC.I.40 - Radiated Immunity,
			ET01 - AC and DC voltage and frequency variations
			ME02 - Sinusoidal vibration
			ME03 - Mechanical shock / Resistance to mishandling / Mechanical impact
			ME06 - Shut-off valve closing
			PT02 - Pressure tests
			PT03 - Flow performance tests with air
			PT11 - Clock accuracy
<u> </u>			PT13 - Simulated inputs and outputs
			CH01 - Exposure to 3% Toluene/iso-octane vapour CH02 - Exposure to Water vapour
			CH02 - Exposure to Water Vapour CH03 - Contaminants in the gas stream
			CH04 - Indelibility
			CL01 - Temperatures
			CL02 - Humidity
			CL03 - Resistance to high ambient temperatures
			CL04 - Sand and Dust
			CL05 - Water
			EMC.I.09 - Continuous magnetic field Immunity
	 		EMC.I.21 - Electrostatic discharge immunity (ESD)
			EMC.I.24 - Power frequency magnetic field immunity
се		EN 17526:2021	EMC.I.25 - Pulsed magnetic field Immunity EMC.I.40 - Radiated Immunity,
	Gas meters		ETO1 - AC and DC voltage and frequency variations
			ME02 - Sinusoidal vibration
			ME03 - Mechanical shock / Resistance to mishandling / Mechanical impact
			ME04 - Spring Hammer Test / Mechanical impact
			ME08 - Measurement and application of torque
			ME09 - Bending moment
			ME12 - Acoustic noise interference
			ME14 - Adhesion force
			PT02 - Pressure tests
			PT03 - Flow performance tests with air
			PT04 - Flow performance tests with gas mixtures
			PT07 - Flow pulsations
			PT28 - Length / Linear dimension
			PT36 - Angle measurement



CEU - Trempleatures CEU -	No.	Column1	Column2	Test activity reference number and description
Management Man				CL01 - Temperatures
CLO2 - Humidity EMCL129 - Immunity to conducted disturbances, induced by radio-frequency field selection - Becchized - immunity (ESD) EMCL129 - Immunity (ESD) EMCL129 - Surge immunity EMCL129 - Voltage digs, short interruptions and voltage variations immunity EMCL129 - Voltage digs, short interruptions and voltage variations immunity EMCL129 - Declarage inpole immunity EMCL129 - Declarage digs, who riterruptions and voltage variations immunity EMCL129 - Declarage digs, who riterruptions and voltage variations immunity EMCL129 - Declarage digs, who riterruptions and voltage variations immunity EMCL129 - Declarage digs, who riterruptions and voltage variations immunity EMCL129 - Declarage digs, who riterruptions and voltage variations immunity EMCL129 - Declarage digs, who riterruptions and voltage variations immunity EMCL129 - Declarage digs, who riterruptions and voltage variations immunity EMCL129 - Declarage digs, who riterruptions and voltage variations immunity EMCL129 - Declarage digs, who riterruptions and voltage variations immunity EMCL129 - Declarage digs, who riterruptions and voltage variations immunity EMCL129 - Declarage digs, who riterruptions and voltage variations immunity EMCL129 - Declarage digs, who riterruptions and voltage variations immunity EMCL129 - Declarage digs, who riterruptions and voltage variations immunity EMCL129 - Declarage digs, who riterruptions and voltage variations immunity EMCL129 - Declarage digs, who riterruptions and voltage variations immunity EMCL129 - Declarage digs, who	cf	Ultrasonic meters for gas	ISO 17089-1:2019	EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency fields EMC.I.21 - Electrostatic discharge immunity (ESD) EMC.I.22 - Electrical fast transient / burst immunity (EFT) EMC.I.23 - Surge immunity EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity EMC.I.30 - DC voltage ripple Immunity EMC.I.37 - DC Voltage dips, short interruptions and voltage variations Immunity EMC.I.40 - Radiated Immunity, EMC.I.40 - Radiated Immunity, ET01 - AC and DC voltage and frequency variations ME01 - Random vibration ME03 - Mechanical shock / Resistance to mishandling / Mechanical impact
d. Measuring systems for gaseous fuel OIML R 140:2007 CLO2 - Humidity ELECTOR - Immunity to conducted disturbances, induced by radio-frequency fields EMCL.12 - Electrotatic discharge immunity (ETD) EMCL.23 - Surge immunity	cg	Gas meters		CL02 - Humidity EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency fields EMC.I.21 - Electrostatic discharge immunity (ESD) EMC.I.22 - Electrical fast transient / burst immunity (EFT) EMC.I.23 - Surge immunity EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity EMC.I.30 - DC voltage ripple Immunity EMC.I.37 - DC Voltage dips, short interruptions and voltage variations Immunity EMC.I.40 - Radiated Immunity, ETO1 - AC and DC voltage and frequency variations ME01 - Random vibration ME03 - Mechanical shock / Resistance to mishandling / Mechanical impact ME08 - Measurement and application of torque PT03 - Flow performance tests with air
FT02 - Pressure tests PT03 - Flow performance tests with air PT04 - Flow performance tests with as mixtures PT08 - Gas composition reference testing PT19 - Algorithm testing Reasuring instruments and ancillary equipment Reasuring instruments and ancil	ch	Measuring systems for gaseous fuel	OIML R 140:2007	CL01 - Temperatures CL02 - Humidity EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency fields EMC.I.21 - Electrostatic discharge immunity (ESD) EMC.I.22 - Electrical fast transient / burst immunity (EFT) EMC.I.23 - Surge immunity EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity EMC.I.37 - DC Voltage dips, short interruptions and voltage variations Immunity EMC.I.40 - Radiated Immunity, ETO1 - AC and DC voltage and frequency variations ME01 - Random vibration PT01 - Temperatures PT02 - Pressure tests PT03 - Flow performance tests with air PT08 - Gas composition reference testing PT12 - Algorithm testing
k Measuring instruments and ancillary equipment AGA XQ9212 Report 8:1994 PT12 - Algorithm testing cm Measuring instruments and ancillary equipment AGA XQ1704-1 Report 8 Part 1:2017 PT12 - Algorithm testing cm Measuring instruments and ancillary equipment AGA XQ1704-2 Report 8 Part 2:2017 PT12 - Algorithm testing cn Measuring instruments and ancillary equipment AGA NX-19 (1962) PT12 - Algorithm testing co Measuring instruments and ancillary equipment API 11.2.1M:1997 PT12 - Algorithm testing cp Measuring instruments and ancillary equipment API 11.2.2M:1997 PT12 - Algorithm testing cq Measuring instruments and ancillary equipment API 11.3.3:2019 PT12 - Algorithm testing cr Measuring instruments and ancillary equipment API 11.3.4:2019 PT12 - Algorithm testing cs Measuring instruments and ancillary equipment API MPMS 12.1.1:2024 PT12 - Algorithm testing ct Measuring instruments and ancillary equipment API MPMS 12.1.1:2024 PT12 - Algorithm testing ct Measuring instruments and ancillary equipment ASTM D 1250-53 PT12 - Algorithm testing cu Measuring instruments and ancillary equipment ASTM D 1250-52 / IP-200 PT12 - Algorithm testing	ci	Gas meters	S-G-03 revision 3	CL01 - Temperatures PT02 - Pressure tests PT03 - Flow performance tests with air PT04 - Flow performance tests with gas mixtures PT08 - Gas composition reference testing
Measuring instruments and ancillary equipment AGA XQ1704-1 Report 8 Part 1:2017 PT12 - Algorithm testing measuring instruments and ancillary equipment AGA NX-19 (1962) PT12 - Algorithm testing measuring instruments and ancillary equipment AGA NX-19 (1962) PT12 - Algorithm testing measuring instruments and ancillary equipment API 11.2.1M:1997 PT12 - Algorithm testing measuring instruments and ancillary equipment API 11.2.2M:1997 PT12 - Algorithm testing measuring instruments and ancillary equipment API 11.3.3:2019 PT12 - Algorithm testing measuring instruments and ancillary equipment API 11.3.4:2019 PT12 - Algorithm testing measuring instruments and ancillary equipment API 11.3.4:2019 PT12 - Algorithm testing measuring instruments and ancillary equipment API MPMS 12.1.1:2024 PT12 - Algorithm testing measuring instruments and ancillary equipment API MPMS 12.1.1:2024 PT12 - Algorithm testing measuring instruments and ancillary equipment API MPMS 12.1.1:2024 PT12 - Algorithm testing measuring instruments and ancillary equipment API MPMS 12.1.1:2024 PT12 - Algorithm testing measuring instruments and ancillary equipment ASTM D 1250-53 PT12 - Algorithm testing	cj	Measuring instruments and ancillary equipment	ABNT NBR 15639:2016-11-25	PT12 - Algorithm testing
Measuring instruments and ancillary equipment AGA XQ1704-2 Report 8 Part 2:2017 PT12 - Algorithm testing co Measuring instruments and ancillary equipment API 11.2.1M:1997 PT12 - Algorithm testing cp Measuring instruments and ancillary equipment API 11.2.2M:1997 PT12 - Algorithm testing cq Measuring instruments and ancillary equipment API 11.3.3:2019 PT12 - Algorithm testing cr Measuring instruments and ancillary equipment API 11.3.4:2019 PT12 - Algorithm testing cs Measuring instruments and ancillary equipment API MPMS 12.1.1:2024 PT12 - Algorithm testing ct Measuring instruments and ancillary equipment ASTM D 1250-53 PT12 - Algorithm testing cu Measuring instruments and ancillary equipment ASTM D 1250-52 / IP-200 PT12 - Algorithm testing	ck	3 7 1 1	'	
Measuring instruments and ancillary equipment API 11.2.1M:1997 PT12 - Algorithm testing Measuring instruments and ancillary equipment API 11.2.2M:1997 PT12 - Algorithm testing Measuring instruments and ancillary equipment API 11.3.3:2019 PT12 - Algorithm testing Measuring instruments and ancillary equipment API 11.3.3:2019 PT12 - Algorithm testing Measuring instruments and ancillary equipment API 11.3.4:2019 PT12 - Algorithm testing Measuring instruments and ancillary equipment API MPMS 12.1.1:2024 PT12 - Algorithm testing Measuring instruments and ancillary equipment API MPMS 12.1.1:2024 PT12 - Algorithm testing Measuring instruments and ancillary equipment ASTM D 1250-53 PT12 - Algorithm testing Measuring instruments and ancillary equipment ASTM D 1250-52 / IP-200 PT12 - Algorithm testing			•	
Measuring instruments and ancillary equipment API 11.2.1M:1997 PT12 - Algorithm testing CP Measuring instruments and ancillary equipment API 11.2.2M:1997 PT12 - Algorithm testing CP Measuring instruments and ancillary equipment API 11.3.3:2019 PT12 - Algorithm testing CR Measuring instruments and ancillary equipment API 11.3.4:2019 PT12 - Algorithm testing CR Measuring instruments and ancillary equipment API MPMS 12.1.1:2024 PT12 - Algorithm testing CR Measuring instruments and ancillary equipment API MPMS 12.1.1:2024 PT12 - Algorithm testing CR Measuring instruments and ancillary equipment ASTM D 1250-53 PT12 - Algorithm testing CR Measuring instruments and ancillary equipment ASTM D 1250-52 / IP-200 PT12 - Algorithm testing		7	•	
Measuring instruments and ancillary equipment API 11.2.2M:1997 PT12 - Algorithm testing cq Measuring instruments and ancillary equipment API 11.3.3:2019 PT12 - Algorithm testing cr Measuring instruments and ancillary equipment API 11.3.4:2019 PT12 - Algorithm testing cs Measuring instruments and ancillary equipment API MPMS 12.1.1:2024 PT12 - Algorithm testing ct Measuring instruments and ancillary equipment ASTM D 1250-53 PT12 - Algorithm testing cu Measuring instruments and ancillary equipment ASTM D 1250-52 / IP-200 PT12 - Algorithm testing		7 1 1	` '	
cq Measuring instruments and ancillary equipment API 11.3.3:2019 PT12 - Algorithm testing cr Measuring instruments and ancillary equipment API 11.3.4:2019 PT12 - Algorithm testing cs Measuring instruments and ancillary equipment API MPMS 12.1.1:2024 PT12 - Algorithm testing ct Measuring instruments and ancillary equipment ASTM D 1250-53 PT12 - Algorithm testing cu Measuring instruments and ancillary equipment ASTM D 1250-52 / IP-200 PT12 - Algorithm testing				
cr Measuring instruments and ancillary equipment API 11.3.4:2019 PT12 - Algorithm testing cs Measuring instruments and ancillary equipment API MPMS 12.1.1:2024 PT12 - Algorithm testing ct Measuring instruments and ancillary equipment ASTM D 1250-53 PT12 - Algorithm testing cu Measuring instruments and ancillary equipment ASTM D 1250-52 / IP-200 PT12 - Algorithm testing				
cs Measuring instruments and ancillary equipment API MPMS 12.1.1:2024 PT12 - Algorithm testing ct Measuring instruments and ancillary equipment ASTM D 1250-53 PT12 - Algorithm testing cu Measuring instruments and ancillary equipment ASTM D 1250-52 / IP-200 PT12 - Algorithm testing				
ct Measuring instruments and ancillary equipment ASTM D 1250-53 PT12 - Algorithm testing cu Measuring instruments and ancillary equipment ASTM D 1250-52 / IP-200 PT12 - Algorithm testing				
cu Measuring instruments and ancillary equipment ASTM D 1250-52 / IP-200 PT12 - Algorithm testing		, , ,		
cy Measuring instruments and ancillary equipment ASTM D 1250-80 PT12 - Algorithm testing	cu			PT12 - Algorithm testing
TTT2 - Algorithm testing	cv	Measuring instruments and ancillary equipment	ASTM D 1250-80	PT12 - Algorithm testing



No.	Column1	Column2	Test activity reference number and description
cw	Measuring instruments and ancillary equipment	ASTM D 1250-04	PT12 - Algorithm testing
сх	Measuring instruments and ancillary equipment	ASTM D1550 - 18	PT12 - Algorithm testing
су	Measuring instruments and ancillary equipment	ASTM D1555M - 16	PT12 - Algorithm testing
cz	Measuring instruments and ancillary equipment	ASTM D4311/D4311M - 15	PT12 - Algorithm testing
da	Measuring instruments and ancillary equipment	ASTM D4311/D4311M - 21	PT12 - Algorithm testing
db	Measuring instruments and ancillary equipment	ASTM TP-27:2007	PT12 - Algorithm testing
dc	Measuring instruments and ancillary equipment	DVGW Technical Report PK 1-5-3, May 2022: Modified SGERG-Equation SGERG-mod-H2	PT12 - Algorithm testing
dd	Measuring instruments and ancillary equipment	EN14214:2008 + A1:2009	PT12 - Algorithm testing
de	Measuring instruments and ancillary equipment	EN 15940:2016+A1:2019+C1:2019	PT12 - Algorithm testing
df	Measuring instruments and ancillary equipment	EN 60068-2-30:2006	CL01 - Temperatures CL02 - Humidity
dg	Measuring instruments and ancillary equipment	IEC 60529:1989/A1:2001/A2:2013/C1:2013	CL04 - Sand and Dust CL05 - Water
dh	Measuring instruments and ancillary equipment	EN 60730-1:2000	CH04 - Indelibility
di	Measuring instruments and ancillary equipment	EN 60730-1:2011, Annex A	CH04 - Indelibility
dj	Measuring instruments and ancillary equipment	EN 61000-6-1:2013	EMC.I.21 - Electrostatic discharge immunity (ESD) EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity
dk	Measuring instruments and ancillary equipment	EN 61000-6-2:2016	EMC.I.21 - Electrostatic discharge immunity (ESD) EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity
dl	Measuring instruments and ancillary equipment	EN 62054-21:2004	CL01 - Temperatures PT11 - Clock accuracy
dm	Measuring instruments and ancillary equipment	EN ISO 12213-2:2009	PT12 - Algorithm testing
dn	Measuring instruments and ancillary equipment	EN ISO 12213-3:2009	PT12 - Algorithm testing
do	Measuring instruments and ancillary equipment	EN ISO 6270-1:2018	CL01 - Temperatures CL02 - Humidity
dp	Measuring instruments and ancillary equipment	ISO 6976:1995 including amendment No. 1 - May 1998	PT12 - Algorithm testing
dq	Measuring instruments and ancillary equipment	•	PT12 - Algorithm testing
dr	Measuring instruments and ancillary equipment	EN-IEC 60654-2:1997	EMC.I.37 - DC Voltage dips, short interruptions and voltage variations Immunity
ds	Measuring instruments and ancillary equipment	EN IEC 61000-4-11:2020/AC:2022-10	EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity
dt	Measuring instruments and ancillary equipment		EMC.I.36 - Ring wave immunity test
du	Measuring instruments and ancillary equipment	EN IEC 61000-4-17:1999/A2:2009	EMC.I.30 - DC voltage ripple Immunity
dv	Measuring instruments and ancillary equipment	IEC 61000-4-18:2019/C1:2019	EMC.I.38 - Damped oscillatory wave immunity
dw	Measuring instruments and ancillary equipment		EMC.I.21 - Electrostatic discharge immunity (ESD)
dx	Measuring instruments and ancillary equipment		EMC.I.37 - DC Voltage dips, short interruptions and voltage variations Immunity
dy	Measuring instruments and ancillary equipment		EMC.I.40 - Radiated Immunity,
dz	Measuring instruments and ancillary equipment		EMC.I.22 - Electrical fast transient / burst immunity (EFT)
ea	Measuring instruments and ancillary equipment		EMC.I.23 - Surge immunity
eb	Measuring instruments and ancillary equipment		EMC.I.07 - Immunity to conducted disturbances, induced by radio-frequency fields
ес	Measuring instruments and ancillary equipment		EMC.I.24 - Power frequency magnetic field immunity
ed	Measuring instruments and ancillary equipment		EMC.I.25 - Pulsed magnetic field Immunity
ee	Measuring instruments and ancillary equipment		PT12 - Algorithm testing
ef	Measuring instruments and ancillary equipment		PT12 - Algorithm testing
eg	Measuring instruments and ancillary equipment		PT12 - Algorithm testing
eh -:	Measuring instruments and ancillary equipment		PT12 - Algorithm testing
ei	Measuring instruments and ancillary equipment	ICUMSA SPS-4 (1998)	PT12 - Algorithm testing



No.	Column1	Column2	Test activity reference number and description
ej	Measuring instruments and ancillary equipment	IEC 60068-2-1:2007	CL01 - Temperatures
ek	Measuring instruments and ancillary equipment	IEC 60068-3-4:2000	CL05 - Water
el	Measuring instruments and ancillary equipment	IEC 60068-2-2:2007	CL01 - Temperatures
em	Measuring instruments and ancillary equipment	IEC 60068-2-27:2008	ME03 - Mechanical shock / Resistance to mishandling / Mechanical impact
en	Measuring instruments and ancillary equipment	IEC 60068-2-30:2005	CL01 - Temperatures CL02 - Humidity
eo	Measuring instruments and ancillary equipment	IEC 60068-2-31:2008	ME03 - Mechanical shock / Resistance to mishandling / Mechanical impact
ер	Measuring instruments and ancillary equipment	IEC 60068-2-47:2005	ME01 - Random vibration ME02 - Sinusoidal vibration
eq	Measuring instruments and ancillary equipment	IEC 60068-2-6: 2007	ME03 - Mechanical shock / Resistance to mishandling / Mechanical impact
er	Measuring instruments and ancillary equipment	IEC 60068-2-64:2008	ME01 - Random vibration ME02 - Sinusoidal vibration
es	Measuring instruments and ancillary equipment	IEC 60068-2-75:2014	ME04 - Spring Hammer Test / Mechanical impact
et	Measuring instruments and ancillary equipment	IEC 60068-2-78:2012	CL01 - Temperatures CL02 - Humidity
eu	Measuring instruments and ancillary equipment	IEC 60068-3-1:2023	CL01 - Temperatures
ev	Measuring instruments and ancillary equipment	IEC 60068-3-4:2001	CL01 - Temperatures CL02 - Humidity
ew	Measuring instruments and ancillary equipment	IEC 60068-3-4:1997	CL05 - Water
ex	Measuring instruments and ancillary equipment	IEC 60695-10-2:2014	ME13 - Ball pressure
ey	Measuring instruments and ancillary equipment	IEC 60695-2-10:2013	ME05 - Glow wire ≤ 960 °C
ez	Measuring instruments and ancillary equipment	IEC 60695-2-11:2014	ME05 - Glow wire ≤ 960 °C
fa	Measuring instruments and ancillary equipment	IEC 61000-2-1:1990	EMC.I.26 - Voltage dips, short interruptions and voltage variations Immunity
fb	Measuring instruments and ancillary equipment	IEC 61000-4-12:2017	EMC.I.36 - Ring wave immunity test
fc	Measuring instruments and ancillary equipment	IEC 61000-4-15:2011	EMC.I.48 - An objective light flickermeter and voltage fluctuation immunity test
fd	Measuring instruments and ancillary equipment	IEC 61000-4-18:2019	EMC.I.38 - Damped oscillatory wave immunity
fe	Measuring instruments and ancillary equipment	IEC 61000-4-19:2014	EMC.I.03 - Harmonics and interharmonics including mains signaling at a.c. power port, low frequency immunity
ff	Measuring instruments and ancillary equipment	IEC 61000-4-20:2010	EMC.I.40 - Radiated Immunity,
fg	Measuring instruments and ancillary equipment	IEC 61000-4-4:2012	EMC.I.22 - Electrical fast transient / burst immunity (EFT)
fh	Measuring instruments and ancillary equipment	IEC 61000-4-8:2009	EMC.I.24 - Power frequency magnetic field immunity
fi	Measuring instruments and ancillary equipment	IEC 62059-32-1:2011	CL01 - Temperatures PT14 - Electrical performance test for AC energy (kWh)
fj	Measuring instruments and ancillary equipment	ISO 16750-2:2012	ET03 - Load dump ET04 - Starting profile
fk	Measuring instruments and ancillary equipment	ISO 20765-2:2015	PT12 - Algorithm testing
fl	Measuring instruments and ancillary equipment	ISO 23219:2022	PT12 - Algorithm testing
fm	Measuring instruments and ancillary equipment	ISO 6578:2017	PT12 - Algorithm testing