

METROLOGIC SUBDOMAIN FOR CALIBRATION LABORATORIES

Metrologic subdomain		The object under calibration	Quantity/ property
Code	Description		
Metrology area: Temperature			
TR1	Term hygrometers	Term hygrometers	Temperature
HR1	Hygrometers	Hygrometers with dew point / ice melting point	Temperature of dew point
TR2	Liquid in glass thermometers	Liquid in glass thermometers with partial and total immersion	Temperature
TR3	Primary thermometers	Thermostatic chambers: - air and liquid thermostats; - ovens; - Autoclaves.	Temperature
TR4	Primary thermometers	Thermostatic chambers: - Electric furnace.	Temperature
TR5	Digital system thermometers	Digital/electronic Thermometers: - heat resistance; - Thermistors.	Temperature
TR6	Digital system thermometers	Thermocouple	Temperature
Metrology area: Humidity			
HR2	Hygrometers	Hygrometers, thermo hygrometers	Humidity
Metrology area: Mass			
MG	Weights	Weights of classes E1, E2, F1, F2, M1-M3; Special weights.	Mass
MA1	Weighing instruments	- Weighing instruments with automatic operation; - Special balances; - Laboratory balances.	Mass
MA2	Non-automatic weighing instruments (NAVI)	- Mechanical NAVI; - Electronic NAVI.	Mass
Metrology area: Length			
LC	Length instruments	Gauge blocks	Length
LM	Length instruments	Digital micrometers	Length
		Mechanical micrometers	Length
		Digital calipers	Length
		Mechanical calipers with	Length

		Vernier	
LR	Length instruments	Rulers	Length
		Measuring roulettes	Length
MD	Devices for measurement of dimensions	Sieves	Length
Metrology area: Electricity			
ET	Devices for measuring the voltage	<ul style="list-style-type: none"> - Voltage calibrator - Voltage sources (multifunctional) - Digital/analogical multimeters - Digital/analogical voltmeters 	Voltage
EC	Devices for measuring the power	<ul style="list-style-type: none"> - Current calibrators - Power sources - Digital/analogical multimeters - Digital/ analogical ammeter - Multifunction testers 	Power
ER	Devices for measuring the resistance	<ul style="list-style-type: none"> - Multifunction calibrator - Single value resistors and in decades - Digital/analogical millimeters - Ohmmeters - Multifunction testers 	Resistance
Metrology area: Magnetism			
MP	Devices for measuring the power of signal	- Measurement of power	Power of signal of radiofrequency
Metrology area: Frequency and time			
FT	Devices for measuring time and frequency	- Timers	Time
		- Frequency meters, frequency generators	Frequency
Metrology area: Flow			
DL	Devices for measurement liquid flow	<ul style="list-style-type: none"> - Flow meters; - Flow sensors; - Meters of cold water; - Meters of warm water; - Liquid flow meter installations by the gravimetric method; - Liquid flow meter installations by the volumetric method. 	Liquid flow
DG	Devices for measurement gas flow	<ul style="list-style-type: none"> - Gas meters; - Installations for gas flow meters. 	Gas flow

Metrology area: Volume			
VL	Devices for measurement volume for liquids	- Volume measuring tanks; - Dispensers; - Micropipettes.	Volume for liquids
VG	Devices for measurement volume of gas	- Volume measuring tanks; - Dispensers.	Volume for gas
Metrologic scope: Force			
FM	Torque	- Stretching and compression dynamometers	Force
Metrology area: Pressure			
PA	Devices for measurement of absolute pressure (liquid working medium)	- Manometers of absolute pressure with piston and weights; - Manometers, vacuum gauge, vacuum gauge with analogue and digital indication	Pressure
PA	Devices for measurement of absolute pressure (gas working medium)	- Manometers of absolute pressure with piston and weights; - Manometers, vacuum gauge, vacuum gauge with analogue and digital indication	Pressure
PR	Devices for measurement of relative pressure (gas working medium)	- Manometers of absolute pressure with piston and weights; - Manometers, vacuum gauge, vacuum gauge with analogue and digital indication	Pressure
	Devices for measurement of relative pressure (liquid working medium)	- Manometers of absolute pressure with piston and weights; - Manometers, vacuum gauge, vacuum gauge with analogue and digital indication	Pressure
PD	Devices for measurement of dynamic pressure	Pressure transducers with voltage or current output	Pressure
Metrology area: Photometry and optical reflection			
FS	Spectrometers, including neutral and spectral filters	- Neutral filters - Spectral filters	Intensity of light
FF	Photoelectric colorimeters	Photoelectric colorimeters	Intensity of light
FL	Luxmeters	Luxmeters	Luminosity
FR	Refract meters	Refract meters	Refractive index

Metrology area: Density			
D	Density meters	- Electronic density meters - Density meters of glass	Density
Metrology area: pH-meter			
pH	pH-meter	pH-meter	pH
Electrolytic conductivity: Conductometry			
CE	Conductometer	Conductometer	Electrolytic conductivity