



MPTP010 Rev00 (25-03-2021)

MPTP010

LIST OF ACCREDITED SCHEMES IN THE FLEXIBLE SCOPE

Date of last update 15/10/2024 Revision 04 Responsible for updating Stefania Accorsi

ID scheme code	Scheme insertion date	PT sector	Reference scheme	Measuring instrument	Measurand	PT type	Reference value	Reference value assignment procedure	Performance evaluation	Frequency	Reference standards
ILC001	15/12/2021	Calibration	Material standards for geometrical quantities	Gauge blocks up to 1000 mm	Central length	Sequential scheme	Traceable certificate	PPTP002	En	12 months	UNI EN ISO 3650:2002
ILC002	15/12/2021	Calibration	Material standards for geometrical quantities	Cylindrical ring gauge (up to 200 mm)	Central diameter along the reference line	Sequential scheme	Traceable certificate	PPTP002	En	12 months	EURAMET cg-6:2011
ILC003	15/12/2021	Calibration	Material standards for geometrical quantities	Thread plug gauge	Diametro medio	Sequential scheme	Traceable certificate	PPTP002	En	12 months	EURAMET cg-10:2012
ILC004	25/07/2022	Calibration	Indicating measuring instrument for length measurement	Mechanical dial gauge and displacement trasducer	EA, EE, Indication errors	Sequential scheme	Consensus value	PPTP003	En	12 months	UNI EN ISO 13102:2012
ILC005	15/12/2021	Calibration	Material standards for geometrical quantities	Cylindrical plug gauge (up to 100 mm)	Central diameter along the reference line	Sequential scheme	Traceable certificate	PPTP002	En	12 months	EURAMET cg-6:2011
ILC006	15/12/2021	Calibration	Material standards for geometrical quantities	Gauge blocks up to 100 mm	Central length	Sequential scheme	Traceable certificate	PPTP002	En	12 months	UNI EN ISO 3650:2002
ILC008	25/07/2022	Calibration	Indicating measuring instrument for length measurement	Calliper	Indication error	Sequential scheme	Consensus value	PPTP003	En	12 months	UNI EN ISO 13385-1:2019
ILC009	25/07/2022	Calibration	Indicating measuring instrument for length measurement	Micrometers	Indication error	Sequential scheme	Consensus value	PPTP003	En	12 months	UNI EN ISO 3611:2010
ILC010	15/12/2021	Calibration	Material standards for geometrical quantities	Thread ring gauge	Pitch diameter	Sequential scheme	Traceable certificate	PPTP002	En	12 months	EURAMET cg-6:2012
ILC011	25/07/2022	Calibration	Standards and indicating measuring instruments for torque	Torque wrenches	Mean as	Sequential scheme	Traceable certificate	PPTP002	En	12 months	UNI EN ISO 6789:2017
ILC012	24/09/2024	Calibration	Hardness testers	Shore A hardness testers	Dimensions, force and time	Sequential scheme	Consensus value	PPTP003	En	48 months	UNI EN ISO 21509:2015 ISO 48-9:2018 ASTM D2240-15
ILC013	24/09/2024	Calibration	Hardness testers	Rockwell hardness testers	Dimensions, force, time and displacement	Sequential scheme	Consensus value	PPTP003	En	48 months	UNI EN ISO 6508-2:2024 ASTM E18-22
ILC014	15/12/2021	Calibration	Material standards for geometrical quantities	Roundness sample	Roundness	Sequential scheme	Traceable certificate	PPTP002	En	12 months	UNI EN ISO 12181-1:2011
ILC015	15/12/2021	Calibration	Material standards for geometrical quantities	Roughness sample	Ra-Rz-Rsm	Sequential scheme	Traceable certificate	PPTP002	En	12 months	UNI EN ISO 21920-2:2022
ILC017	25/07/2022	Calibration	Indicating measuring instrument for length measurement	Micrometers - Calliper - Dial gauge	Indication error	Sequential scheme	Consensus value	PPTP003	En	12 months	UNI EN ISO 3611:2010 UNI EN ISO 13385-1:2019 UNI EN ISO 13102:2012
ILC018	24/09/2024	Calibration	Standards and indicating measuring instruments for torque	Torque transducers	mean reading	Sequential scheme	Traceable certificate	PPTP002	En	-	EURAMET cg-14
ILC019	25/07/2022	Calibration	Indicating measuring instrument for length measurement	Steel rules	Indication error	Sequential scheme	Consensus value	PPTP003	En	12 months	-
ILC020	24/09/2024	Calibration	Coordinate measuring machines	Coordinate measuring machine	E0 - E150 - P	Sequential scheme	Consensus value	PPTP003	En	-	UNI EN ISO 10360-2:2010 UNI EN ISO 10360-5:2010
ILC022	24/09/2024	Calibration	Hardness testers	Vickers hardness testers	Dimensions, force, time and displacement	Sequential scheme	Consensus value	PPTP003	En	48 months	UNI EN ISO 6507-2 ASTM E92-23
ILC023	25/07/2022	Calibration	Indicating measuring instrument for length measurement	protractors	Indication error	Sequential scheme	Consensus value	PPTP003	En	12 months	-
ILC027	24/09/2024	Calibration	Hardness testers	Brinell hardness testers	Dimensions, force, time and displacement	Sequential scheme	Consensus value	PPTP003	En	48 months	ISO 6506-2: 2019 ASTM E10-18 (2023)