

CIPM MRA Appendix C Calibration and Measurement Capability (CMC) Declarations

Calibration or Measurement Service			Measurand Level or Range			Measurement Conditions/Independent Variable		Expanded Uncertainty					Reference Standard used in calibration		List of Comparisons supporting this measurement/calibration/service	Comments to be published via the web page	Administration				
Quantity/Class	Instrument or Artifact	Instrument Type or Method	Minimum value	Maximum value	Units	Parameter	Specifications	Value	Units	Coverage Factor	Level of Confidence	Is the expanded uncertainty a relative one?	Standard	Source of traceability			NMI Service Identifier	Service Category	NMI	Review Status	Review Comments
Force: Tension and compression	Force measuring device	Deadweigh	0.1	11	kN	Temperature	(21 ± 2) °C	0.00005		2	95%	yes	Deadweigh	Primary Standard	SIM.M.F-S1		02-08561 to 02-08564	M 4.3.1	INM COLOMBIA		
						Relative Humidity	40% to 60%														
Force: Tension and compression	Force measuring device	Deadweigh	2	110	kN	Temperature	(21 ± 2) °C	0.00005		2	95%	yes	Deadweigh	Primary Standard	EN CURSO		02-08565 to 02-08567	M 4.3.1	INM COLOMBIA		
						Relative Humidity	40% to 60%														
Force: Tension and compression	Force measuring device	Transducer System	20	1100	kN	Temperature	(21 ± 2) °C	0.0002		2	95%	yes	Transducer System	PTB			02-08568 to 02-08570	M 4.3.1	INM COLOMBIA		
						Relative Humidity	40% to 60%														