SWEDAC
Styrelsen för ackreditering och teknisk kontroll
Swedish Board for Accreditation and Conformity Assessment

Appendix 2

Date
2018-12-21

Reference
2017/2018

Scope of accreditation

Calibration laboratory

RTI Group AB | Mölndal | Accreditation number | 2021
A001514-001

Calibration

Electrical quantities

Parameter	*Method*	*Material*	*Measure*	*CMC +/-*	*Flex*	*Field*
Electrical current, DC	MTB-030 Utg G, 2018	Current showing	±1 pA - ± 100 pA, ±100 pA - ± 10 mA	0,1 pA, 0,1%	No	No
	MTB-050 Utg H, 2018	Current showing	0,5 – 1500 mA	0,13 %	No	No
Electrical voltage, DC	MTB-010 Utg I, 2018		10 – 150 kV	0,56 %	No	No

Calibration

Ionizing radiation

Parameter	*Method*	*Material*	*Measure*	*CMC +/-*	*Flex*	*Field*
Air kerma	MTB-020 Utg J, 2018	Dosimeter	18 – 150 kV	1,62%	No	No
Kerma area product	MTB-070 Utg G, 2018	Dosimeter	18 – 150 kV	3,5%	No	No
Kerma length product	MTB-060 Utg G, 2018	Dosimeter	18 – 150 kV	2,0 %	No	No

Calibration

Parameter	*Method*	*Material*	*Measure*	*CMC +/-*	*Flex*	*Field*
Illuminance	MTB-040 Utg H, 2018	Photometer	10 – 100 lux	3,3 %	No	No
Luminance	MTB-040 Utg H, 2018	Photometer	10 – 1000 cd/m2	3,3 %	No	No

The calibration and measuring capacity (CMC) is the best measurement uncertainty that the calibration laboratory can deliver under ideal circumstances. The measurement uncertainty is mentioned as expanded uncertainty with the covering factor k=2 and the calculations are made according to EA-4/02.