

Date

Reference

2024-12-05

2024/1506

## Scope of accreditation

### Calibration according to SS-EN ISO/IEC 17025:2018

RTI Group AB

Mölnadal

Accreditation number

2021

A001514-001

## Electricity and Magnetism

<i>Technology area</i>	<i>Method</i>	<i>Parameter</i>	<i>Material</i>	<i>Measuring range</i>	<i>Best measuring ability (CMC) +/-</i>	<i>Technique</i>	<i>Field</i>
Current	MTB-030, utg G, 2018	DC	Current showing	±1 pA - ± 100 pA, ±100 pA - ± 10 mA	0,1 pA, 0,1%		No
	MTB-050, utg H, 2018	DC	Current showing	0,5 – 1500 mA	0,13 %		No
Voltage	MTB-010 Utg I, 2018	DC	Multimeter	10 – 150 kV	0,56 %		No

## Ionizing radiation

<i>Technology area</i>	<i>Method</i>	<i>Parameter</i>	<i>Material</i>	<i>Measuring range</i>	<i>Best measuring ability (CMC) +/-</i>	<i>Technique</i>	<i>Field</i>
Air kerma	MTB-020, ed L, 2023		Dosimeter	18 – 150 kV	1,62%		No
	MTB-080, ed A, 2024	Half value layer (HVL)	Dosimeter	0,15 - 0,50 mm Al	0,017 mm		No
		Half value layer (HVL)	Dosimeter	0,50 - 15 mm Al	3,5 %		No
Kerma-area-product	MTB-070, ed H, 2023		Dosimeter	18 – 150 kV	3,5%	Röntgen KAP	No
Kerma-length-product	MTB-060, ed H, 2023		Dosimeter	18 – 150 kV	2%		No

## Photometer and radiometer

<i>Technology area</i>	<i>Method</i>	<i>Parameter</i>	<i>Material</i>	<i>Measuring range</i>	<i>Best measuring ability (CMC) +/-</i>	<i>Technique</i>	<i>Field</i>
Illuminance	MTB-040, ed J, 2023		Photometer	10 – 100 lux	3,3%		No
Luminance	MTB-040, ed J, 2023		Photometer	10 – 1000 cd/m <sup>2</sup>	3,3%		No

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## Appendix 1

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Calibration and measurement capability, CMC, is the smallest uncertainty the calibration laboratory can provide, expressed as the expanded uncertainty having a coverage probability of approximately 95%.

Changes in the scope of accreditation are in bold.