

Date

Reference

2024-02-09

2022/2613

## Scope of accreditation

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

Unfors RaySafe AB

Hovås

Accreditation number

2035

A002592-002

## Correction

for current decision dated 2024-01-24 in case 2022/2613

Description: Methods for Illuminance and Luminance have been adjusted/Fredrik Langmead 2024-02-09

## Electricity and Magnetism

<i>Technology area</i>	<i>Method</i>	<i>Parameter</i>	<i>Material</i>	<i>Measure</i>	<i>Best measuring ability (CMC) +/-</i>	<i>Technique</i>	<i>Field</i>
Current	Inhouse method; ACCR-1385 Utg 3	DC	Test device	0,1 - 2000 mA	0,13 %		No
Electric charge	Inhouse method; ACCR-1386 Utg 4	DC	Test device	0,1 - 2000 mA	0,13 %		No
Electrical voltage	Inhouse method; ACCR-0454 Utg 6	Non-invasive voltage DC	Test device	18 - 40 kV	0,44 %		No
		Non-invasive voltage DC	Test device	40 - 155 kV	0,53 %		No

## Ionizing radiation

<i>Technology area</i>	<i>Method</i>	<i>Parameter</i>	<i>Material</i>	<i>Measure</i>	<i>Best measuring ability (CMC) +/-</i>	<i>Technique</i>	<i>Field</i>
Air kerma	Inhouse method; ACCR-0453 Utg 5	Air kerma	Test device	18 - 40 kV	1,6 %		No
		Air kerma	Test device	40 - 155 kV	1,3 %		No
	Inhouse method; ACCR-1112 Utg 4	Air kerma rate	Test device	18 - 155 kV	2,2 %		No
	Inhouse method; ACCR-1680 edition 4	Exposure time	Test device	0,1 - 100 s	0,2 %		No

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**Ionizing radiation**

<i>Technology area</i>	<i>Method</i>	<i>Parameter</i>	<i>Material</i>	<i>Measure</i>	<i>Best measuring ability (CMC) +/-</i>	<i>Technique</i>	<i>Field</i>
Air kerma	Inhouse method; ACCR-1982 edition 2	Half value layer (HVL)	Test device	18 - 40 kV, 0,2-4,0 mm Al	2,7%		No
		Half value layer (HVL)	Test device	40 - 155 kV, 1,4-15 mm Al	2,0 %		No

**Photometer and radiometer**

<i>Technology area</i>	<i>Method</i>	<i>Parameter</i>	<i>Material</i>	<i>Measure</i>	<i>Best measuring ability (CMC) +/-</i>	<i>Technique</i>	<i>Field</i>
illuminance	Inhouse method; ACCR-2071 Utg 1	illuminance	Test device	10-1000 lux	2,8 %		No
Luminance	Inhouse method; ACCR-2065 Utg 1	Luminance	Test device	5-5000 cd/m2	2,7 %		No

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.