ACCREDITATION CERTIFICATE

Ackred. nr. 2035
Calibration
ISO/IEC 17025

Unfors RaySafe AB

Registration number 556458-9751

is accredited as a calibration laboratory for the scope specified in appendix 2. The applicable terms of the accreditation are specified in appendix 1.

This laboratory is accredited in accordance with the International Standard ISO/IEC 17025:2017. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system. The accredited laboratory is responsible for the results of performed *calibration* and submitted judgements as well as, where applicable, for the selection and application of work methods within the scope of the granted accreditation.

The accreditation is valid until further notice. The Swedish Board for Accreditation and Conformity Assessment (Swedac) regularly carries out surveillance, and a full reassessment every fourth year, in order to verify that the applicable terms of accreditation, see appendix 1, are continually fulfilled.

*T*his accreditation certificate is valid from **2020-03-30** by
Fredrik Langmead,
Assistant manager of the Industry division

Accreditation was granted in accordance with Article 5 (1) or Regulation (EC) No 765/2008 regarding accreditation and market surveillance etc. and the Act (SFS 2011:791) concerning Accreditation and Conformity Assessment. Swedac is the national accreditation body responsible for the assessment of the competence of certification bodies, inspection bodies, laboratories, environmental verifiers, validation and verification bodies and bodies for organisation of programme for proficiency testing applying for accreditation. This accreditation has been issued under the EA MLA and is therefore recognised as equivalent to other accreditations issued under the EA MLA within the same accreditation scope.

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

Appendix 2

Date: 2020-03-30

Reference: 2019/773

Scope of accreditation

Calibration laboratory

Unfors RaySafe AB | Billdal | Accreditation number | 2035

A002592-001

Electricity and Magnetism

Technology area	*Parameter*	*Method*	*Material*	*Measure*	*Best measuring ability (CMC) +/-*	*Technique*	*Flex*	*Field*
Current	**DC**	**Inhouse method; ACCR-1385 Utg 3**	**Test device**	**0,1 – 2000 mA**	**0,13 %**		**No**	**No**
Electric charge	**DC**	**Inhouse method; ACCR-1386 Utg 4**	**Test device**	**0,01 – 20 s**	**0,13 %**		**No**	**No**
	DC	**Inhouse method; ACCR-1386 Utg 4**	**Test device**	**0,1 – 2000 mA**	**0,13 %**		**No**	**No**
Electrical voltage	**Non-invasive voltage DC**	**Inhouse method; ACCR-0454 Utg 6**	**Test device**	**18 – 40 kV**	**0,44 %**		**No**	**No**
	Non-invasive voltage DC	**Inhouse method; ACCR-0454 Utg 6**	**Test device**	**40 – 155 kV**	**0,53 %**		**No**	**No**

Ionizing radiation

Technology area	*Parameter*	*Method*	*Material*	*Measure*	*Best measuring ability (CMC) +/-*	*Technique*	*Flex*	*Field*
Air kerma	**Air kerma**	**Inhouse method; ACCR-0453 Utg 5**	**Test device**	**18 – 40 kV**	**1,6%**		**No**	**No**
	Air kerma	**Inhouse method; ACCR-0453 Utg 5**	**Test device**	**40 – 155 kV**	**1,3 %**		**No**	**No**
	Air kerma rate	**Inhouse method; ACCR-1112 Utg 4**	**Test device**	**18 – 155 kV**	**2,2 %**		**No**	**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.