

ACCREDITATION CERTIFICATE



2035
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 17025:2005. 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.

This accreditation certificate was issued **2014-10-03** by
Pernilla Carlsson,
Manager of the Industry and Installations 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 and environmental verifier 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.

Scope of accreditation

Unfors RaySafe AB, Billdal - 2035

Quantity	Calibration Method	Version	Date	Range	Calibration and Measurement Capability (CMC)
Air Kerma	ACCR-0453 Calibration method for Air Kerma	3	2012-09-10	20 – 150 kV	20 – 40 kV ± 1,6 % 40 – 150 kV ± 1,2 %
Air Kerma Rate	ACCR-1112 Calibration method for Air Kerma Rate	2	2013-04-11	20 – 150 kV	± 2,5 %
Non-Invasive Voltage (DC)	ACCR-0454 Calibration method for Voltage	4	2014-05-02	20 – 150 kV	20 – 40 kV ± 0,44 % 40 – 150 kV ± 0,53 %
Electrical Charge (DC)	ACCR-1386 Calibration method for Electrical Charge	2	2014-08-15	0,1 – 2000 mA 0,01 – 20 s	± 0,14 %
Electrical Current (DC)	ACCR-1385 Calibration method for Electrical Current	1	2014-04-29	0,1 – 2000 mA	± 0,15 %

Accreditation activities are performed at Uggledalsvägen 29, 427 40 Billdal.

Last changes are highlighted in bold.

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.

Activities outside the laboratory's own premises, so-called field activities, are not included in the accreditation.