Accredited Laboratory

A2LA has accredited

UNFORS RAYSAFE INC.

Solon, OH

for technical competence in the field of

Calibration

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *General requirements for the competence of testing and calibration laboratories*. This laboratory also meets any additional program requirements in the field of calibration. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (*refer to joint ISO-ILAC-IAF Communiqué dated 8 January 2009*).

Presented this 29th day of January 2015.

President & CEO
For the Accreditation Council
Certificate Number 3081.01
Valid to December 31, 2016
Revised: October 9, 2015

For the calibrations to which this accreditation applies, please refer to the laboratory's Calibration Scope of Accreditation.

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SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

UNFORS RAYSAFE INC
6045 Cochran Rd
Solon, OH 44139
Svante Liljegren Phone: 440 248 9300

CALIBRATION

Valid To: December 31, 2016 Certificate Number: 3081.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following calibrations[1]:

I. Electrical – DC/Low Frequency

Parameter	Range	CMC[2, 3] (±)	Comments
DC Charge	(0.1 to 2000) mA (0.01 to 20) s	0.14 % 0.14 %	Direct comparison to NMI accredited charge
DC Current	(0.1 to 2000) mA	0.15 %	Direct comparison to NMI accredited current

II. Ionizing Radiation and Radioactivity

Parameter	Range	CMC[2, 3] (±)	Comments
Non-Invasive Voltage (DC)	(20 to 40) kV (40 to 150) kV	0.44 % 0.55 %	Direct comparison to NMI accredited kV meter
Air Kerma	(20 to 40) kV (40 to 150) kV	1.7 % 1.5 %	Direct comparison to NMI accredited air kerma

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Parameter	Range	CMC[2, 3] (±)	Comments
Air Kerma Rate	(20 to 150) kV	R/F: 2.3 %	Direct comparison to NMI accredited kV meter

[1] This laboratory offers commercial calibration service.

[2] Calibration and Measurement Capability Uncertainty (CMC) is the smallest uncertainty of measurement that a laboratory can achieve within its scope of accreditation when performing more or less routine calibrations of nearly ideal measurement standards or nearly ideal measuring equipment. CMC's represent expanded uncertainties expressed at approximately the 95 % level of confidence, usually using a coverage factor of $k = 2$. The actual measurement uncertainty of a specific calibration performed by the laboratory may be greater than the CMC due to the behavior of the customer's device and to influences from the circumstances of the specific calibration.

[3] In the statement of CMC, a % refers to the percentage of reading, unless otherwise indicated.