



# CERTIFICATE OF ACCREDITATION

## ANSI National Accreditation Board

11617 Coldwater Road, Fort Wayne, IN 46845 USA

This is to certify that

### **Radiation Safety & Control Services, Inc.**

**93 Ledge Road  
Seabrook, NH 03874**

has been assessed by ANAB and meets the requirements of international standard

## **ISO/IEC 17025:2017**

while demonstrating technical competence in the field of

## **CALIBRATION**

Refer to the accompanying Scope of Accreditation for information regarding the types of activities to which this accreditation applies

AC-2079

Certificate Number

  
ANAB Approval

Certificate Valid Through: 09/19/2020  
Version No. 004 Issued: 09/11/2019



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. 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 April 2017).



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

Radiation Safety & Control Services, Inc.

93 Ledge Road  
Seabrook, NH 03874

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CALIBRATION

Valid to: September 19, 2020

Certificate Number: AC-2079

Ionizing Radiation

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Ionizing Radiation Dose Rate, Exposure Rate	(100 $\mu$ to 1.6) R/hr (100 $\mu$ to 1.6) rem/hr (1 $\mu$ to 16 m) Sv/hr	6 % of reading	Cs-137 Beam Source ANSI N323AB-2013 ANSI N322-1997
Integrated Dose and Integrated Exposure <sup>†</sup>	Up to 16 R, 16 rem or 160 mSv	6 % of reading	
Ionizing Radiation Dose Rate, Exposure Rate	(1 m to 20 k) R/hr (1 m to 20 k) rem/hr (10 $\mu$ to 200) Sv/hr	2.7 % of reading	Cs-137 Box Source ANSI N323AB-2013 ANSI N322-1997
Integrated Dose and Integrated Exposure <sup>†</sup>	Up to 200 kR, 200 krem or 2 kSv	2.7 % of reading	
Ionizing Radiation Dose Rate Integrated Dose <sup>†</sup>	(2 to 14) mrem/hr Up to 1.34 rem	9.4 % of reading 9.4 % of reading	Americium: Beryllium Source, HAWK TEPC ANSI N323AB-2013, ICRP 26
Ionizing Radiation Dose Rate Integrated Dose <sup>†</sup>	(2 to 20) mrem/hr Up to 1.92 rem	9.4 % of reading 9.4 % of reading	Americium: Beryllium Source, HAWK TEPC ANSI N323AB-2013, ICRP 60

Calibration and Measurement Capability (CMC) is expressed in terms of the measurement parameter, measurement range, expanded uncertainty of measurement and reference standard, method, and/or equipment. The expanded uncertainty of measurement is expressed as the standard uncertainty of the measurement multiplied by a coverage factor of 2 ( $k=2$ ), corresponding to a confidence level of approximately 95%.

Notes:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. AC-2079.

  
Vice President