NVLAP® National Voluntary Laboratory Accreditation Program

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

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IONIZING RADIATION DOSIMETRY

NVLAP LAB CODE 100518-0

Scope of Accreditation:

This facility has been evaluated and deemed competent to process the whole body radiation dosimeters and extremity dosimeters listed below by employing the following readers/processes: (1) Landauer InLight manual, 200, 500, 3000 and microStar Optically Stimulated Luminescence (OSL) readers; (2) LDR Custom Laser Heater TLD Reader; (3) Harshaw/Bicron hot gas readers; (4) Harshaw 4000 or 3500 single-chip reader; (5) Landauer Automatic and Manual Luxel/Luxel+ Pulsed Optically Stimulated Luminescence (POSL) reader; (6) Landauer Manual Luxel/Luxel+ Light Emitting Diode (LED) OSL accident reader; (7) Neutron Auto CR-39 reader RadOsys; (8) Landauer custom neutron CR-39 auto readers; and (9) microscopes.

WHOLE BODY

This facility is accredited to process the following whole body dosimeters by demonstration of compliance with ANSI/HPS N13.11 through testing.

OSL Badges:

A4 - [Beta/photon] - Luxel+ Pa (w/permanent clip), process 5 and 6 for ANSI N13.11-2001 categories IA, IIA, IIIA, IVA, VAA.

A5 - [Beta/photon/thermal&fast neutrons] - Luxel+ Ta (w/permanent clip), process 5, 6, 7, 8,and 9 for ANSI N13.11-2009 categories IA, IIA, IIIA, IVAA and ANSI N13.11-2001 Category VIA.

A7 - [Beta/photon] - InLight LDR Model 2-L02N (w/permanent clip), process 1 for ANSI N13.11-2001 categories IA, IIA, IIIA, IVA, VAA.

2012-01-01 through 2012-12-31

Effective dates

David F. Alderman

For the National Institute of Standards and Technology

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Scope of Accreditation:

A9 - [Beta/photon/thermal & fast neutrons] - InLight LDR Model 2T-L02T (Polyethylene and Boron Radiator CR39) (w/permanent clip), process 1, 7, 8, and 9 for ANSI N13.11-2001 categories IA, IIA, IIIA, IVA, VAA, VIA.

B3 - [Beta/photon/fast neutrons] - Luxel+ Ja (w/permanent clip), process 5, 6, 7, 8, and 9 for ANSI N13.11-2009 categories IA, IIA, IIIA, IVAA.

B5 - [Beta/photon] - InLight Basic - B01N (w/permanent clip), process 1 for ANSI N13.11-2009 categories IA, IIA, IIIA, IVAA.

B6 - [Photon] - Luxel+ Pa Escort, process 5 and 6 for ANSI N13.11-2009 category IA.

B9 - [Beta/photon] - InLight Basic OSLN -B04N (w/permanent clip), process 1 for ANSI N13.11-2001 categories IA, IIA, IIIA, IVA, VA, VIBB, VICA.

C1 - [Beta/photon/ neutron] - InLight LDR Model 2 OSLN-L11N, process 1 for ANSI N13.11-2001 categories IA, IIA, IIIA, IVA, VAA, VICA

C2 - [Beta/photon/thermal & fast neutrons] - InLight LDR Model 2T OSLN-L11T, process 1, 7, 8, and 9 for ANSI N13.11-2001 categories IA, IIA, IIIA, IVA, VAA, VIA, VIBB, VICA.

EXTREMITY

This facility is accredited to process the following extremity dosimeters by demonstration of compliance with ANSI/HPS N13.32 through testing.

TLD Badges:
Z - [Beta/photon] - U Ring (TLD 100-chip) (Finger), process 2, 3, and 4 for ANIS N13.32-2008 categories IB, IC, IIB, IIC, IID, IIIB, IIIC, IIID

OSL Badges:

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Scope of Accreditation:

B2 - [Beta/photon] - Luxel+ Pa Wrist (Wrist) , process 5 and 6 For ANSI N13.32-2008 categories IA, IIA, IIIA, IVAA

2012-01-01 through 2012-12-31

Effective dates

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For the National Institute of Standards and Technology

United States Department of Commerce
National Institute of Standards and Technology

NVLAP®

Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 100518-0

Landauer, Inc.

Glenwood, IL

is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:

IONIZING RADIATION DOSIMETRY

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

2012-01-01 through 2012-12-31

Effective dates

DEPARTMENT OF COMMERCE ★ UNITED STATES OF AMERICA ★

David F. Alderman

For the National Institute of Standards and Technology