SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

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RADIATION DETECTION INSTRUMENTS   NVLAP LAB CODE 200861-0

Radiological

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<th>Code</th>
<th>Designation</th>
<th>Description</th>
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| 2/F011 | IEEE N42.43 | IEEE Standard for Mobile Radiation Monitors Used for Homeland Security  
Excludes all Electrical and Electromagnetic Performance testing |
Electromagnetic Performance Testing - Magnetic Field test only |
| 28/B011 | ANSI/IEEE N42.33 | American National Standard Portable Exposure Rate Meters for Homeland Security  
Electromagnetic Performance - Magnetic Field tests and Conducted Immunity tests only |
Electrical and Electromagnetic Performance - Magnetic Field tests only |
Electrical and Electromagnetic Performance - Conducted Disturbances Induced by Bursts and Radio Frequencies only |

For the National Voluntary Laboratory Accreditation Program
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<tr>
<th>Code</th>
<th>Standard/Document</th>
<th>Description</th>
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*Electrical and Electromagnetic Performance - Conducted Disturbances Induced by Bursts and Radio Frequencies only* |
| 28/G011 | ANSI/IEEE N42.48 | American National Standard Performance Requirements for Spectroscopic Personal Radiation Detectors (SPRDs) for Homeland Security  
*Electromagnetic Performance - Magnetic Field testing only* |
*Electrical and Electromagnetic Performance - Magnetic Field testing only* |
| 28/J011 | IEC 62401 | Radiation Protection Instrumentation - Alarming Personal Radiation Devices (PRDs) For The Detection Of Illicit Trafficking Of Radioactive Material  
*Electric and Electromagnetic Testing - Magnetic Fields testing only* |
| 28/K011 | IEC 62706 | Radiation Protection Instrumentation. Recommended Climatic, Electromagnetic And Mechanical Performance Requirements And Methods Of Tests  
*Electromagnetic Testing - Conducted Immunity (from RF) testing and Magnetic Field testing only* |
| 28/L011 | IEC 62327 | Radiation Protection Instrumentation. Hand-Held Instruments For The Detection And Identification Of Radionuclides And For The Estimation Of Ambient Dose Equivalent Rate From Photon Radiation  
*Electromagnetic Testing - Conducted Disturbances testing and Magnetic Field testing only* |
*Excludes all Electrical and Electromagnetic Performance testing* |
| 28/N011 | IEC 62618 | Radiation protection instrumentation - Spectroscopy-based alarming Personal Radiation Detectors (SPRD) for the detection of illicit trafficking of radioactive material  
*Electromagnetic Testing - Magnetic Field testing only* |
| 28/P011 | IEC 62694 | Radiation protection instrumentation - Backpack-type radiation detector (BRD) for the detection of illicit trafficking of radioactive material  
*Electromagnetic Testing - Conducted Immunity testing and Magnetic Field testing only* |