



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

ANALYSIS AND MEASUREMENT SERVICES CORPORATION (AMS)

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ELECTRICAL (EMC)

Valid to: January 31, 2019

Certificate Number: 3483.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests:

**Test Technology:**

**Test Method(s):**

***Emissions***

Radiated

MIL-STD 461E, F, & G, Methods RE101 & RE102

Conducted

MIL-STD 461E, F, & G, Methods CE101 & CE102

***Immunity***

Radiated

MIL-STD 461E, F, & G, Methods RS101 & RS103;  
IEC 61000-4-20:2003

Conducted

MIL-STD 461E, F, & G, Methods CS101 & CS114;  
IEC 61000-4-6:1996

Harmonics/Interharmonics

IEC 61000-4-13:2002

Immunity to Conducted, Common Mode  
Disturbances in the Frequency Range of 0 Hz  
to 150 kHz

IEC 61000-4-16:2002

***Electrostatic Discharge (ESD)***

IEC 61000-4-2:1999

***Electrical Fast Transients (EFT)***

MIL-STD 461E, F, & G, Method CS115;  
IEEE C62.41:1991; IEC 61000-4-4:1995

***Surge Withstand Capability (SWC)***

MIL-STD 461E, F, & G, Method CS116;  
IEEE C62.41:1991; IEC 61000-4-5:1995;  
IEC 61000-4-12:1995

On the following products or types of products:

Instrumentation and Controls (I&C) equipment, including Industrial, Scientific and Medical (ISM) and Information Technology Equipment (ITE) for nuclear applications

(A2LA Cert. No. 3483.01) Revised 12/17/2018

Page 1 of 1



## *Accredited Laboratory*

A2LA has accredited

# **ANALYSIS AND MEASUREMENT SERVICES CORPORATION (AMS)**

*Knoxville, TN*

for technical competence in the field of

## **Electrical Testing**

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 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 7<sup>th</sup> day of October 2016.

A blue ink signature of the Senior Director, Accreditation Services.

Senior Director, Accreditation Services  
For the Accreditation Council  
Certificate Number 3483.01  
Valid to January 31, 2019  
Revised December 17, 2018

*For the tests to which this accreditation applies, please refer to the laboratory's Electrical Scope of Accreditation.*