



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

SMITH & ASSOCIATES EUROPE B.V.
Nijverheidsweg 2
2031 CP Haarlem
Netherlands
Alicia O'Leary Phone: +31-23-750-4021
aoleary@nfsmith.com

MECHANICAL

Valid To: March 31, 2027

Certificate Number: 3804.02

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

<u>Test:</u>	<u>Test Method(s):</u>
Blacktop Testing / Marking Permanency Testing	Dynasolve 760 or equivalent; MIL-STD-202G, Method 215K; AS6081, AS6171/2
Bake Dry Pack	J-STD-033B.1, Table 4-1
Bond Strength	MIL-STD-883, Method 2011 (Condition D)
Die Shear Strength	MIL-STD-883, Method 2019
C-SAM Inspection	MIL-STD-883, Method 2030.2; IDEA-STD-1010B; AS6081, AS6171/6
Decapsulation	DDV-AMS-S-01; IDEA-STD-1010B; AS6081, AS6171/4
Visual Inspection (X20 L4X0 up to Keyence VHX-2000)	MIL-STD-883, Methods 2009 and 2016; IDEA-STD-1010B, Section 10; AS6081, AS6171/2
X-Ray Inspection	IDEA-STD-1010B, Section 11.4; AS6081, AS6171/5
XRF	EU RoHS Specification 110; IDEA-STD-101B; AS6081, AS6171/3
Solderability	MIL-STD-883, Method 2003.9; J-STD-002E, Section 4.2 & App. A&B; JESD22-B102E, Section 5.2; ST-AMS-R-02
Electrical	MIL-STD-202G and H, Method 303A, 305A, 306A; AS6081, AS6171/7

A handwritten signature in blue ink, appearing to be 'Alicia O'Leary', is located at the bottom center of the page.



Accredited Laboratory

A2LA has accredited

SMITH & ASSOCIATES EUROPE B.V.

Haarlem, Netherlands

for technical competence in the field of

Mechanical Testing

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



Presented this 26th day of February 2025.

A blue ink signature of Mr. Trace McInturff, written over a horizontal line.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 3804.02
Valid to March 31, 2027

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