



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

Global ETS, LLC
2631 Success Drive
Odessa, FL 33556
(and the satellite site as shown on the scope)

Fulfills the requirements of

ISO/IEC 17025:2017

and

AS6171 Detection of Suspect/Counterfeit Parts Accreditation Program

In the field of

TESTING

This certificate is valid only when accompanied by a current scope of accreditation document.
The current scope of accreditation can be verified at www.anab.org.

R. Douglas Leonard Jr., VP, PILR SBU

Expiry Date: 13 July 2024

Certificate Number: AT-2603



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

Global ETS, LLC
2631 Success Drive
Odessa, FL 33556
Dan Tang 727 807 7991
dan@gets-usa.com

TESTING

Valid to: **July 13, 2024**

Certificate Number: **AT-2603**

In recognition of a successful assessment to ISO/IEC 17025:2017 General Requirements for the competence of Testing and Calibration Laboratories, AS6171 General Requirements, and the requirements of the ANAB SR 2429 – Labs Performing Detection of Suspect/Counterfeit Parts Under AS6171 program, accreditation is granted to **Global ETS, LLC** to perform the following AS6171 slash sheet tests:

Non-Destructive Testing

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Visual Inspection	AS60814.2.6.4.2.1 AS6171/2A IDEA-STD-1010	Electrical, Electronic and Electromechanical (EEE) Components	Amscope 10X-1000X KEYENCE VHX-6000 series 200X-2000X
Elemental Content by XRF	AS6081, 4.2.6.4.5 APP C2 AS6171/3 IDEA-STD-1010	Electrical, Electronic and Electromechanical (EEE) Components	UX-220 XRF RMD XRF
Radiographic Examination/ Inspection	AS6081, 4.2.6.4.4 AS6171/5 IDEA-STD-1010	Electrical, Electronic and Electromechanical (EEE) Components	Creative Electron TruView Prime

Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Solvent Test for Remarking	AS6081, 4.2.6.4.3 A AS6171/2A IDEA-STD-1010	Electrical, Electronic and Electromechanical (EEE) Components	Mix Solution (CAS Registry Number 9072-35-9)
Solvent Test for Resurfacing/ Scrape	AS6081, 4.2.6.4.3 A AS6171/2A IDEA-STD-1010	Electrical, Electronic and Electromechanical (EEE) Components	Acetone (CAS Registry Number 67-64-1) 1-Methyl 2- Pyrrolidinone (CAS Registry Number: 872-50-4) Dynasolve 750 (or equivalent)
Packaging Configuration and Dimension	AS6081, 4.2.6.4.1 AS6171/2A IDEA-STD-1010	Electrical, Electronic and Electromechanical (EEE) Components	Caliper KEYENCE VHX-7000 series KEYENCE VHX-5000 series KEYENCE VHX-6000 series
Solderability	MIL-STD-883 Method 2003.9 ANSI/J-STD-002 IDEA-STD-1010	Electrical, Electronic and Electromechanical (EEE) Components	ACE MLTS
Decapsulation and Die Verification	AS6081, 4.2.6.4.6 AS6171/4	Electrical, Electronic and Electromechanical (EEE) Components	Paragon

Electrical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Memory/ Flash/ Programming	Per Customer Specification	Electrical, Electronic and Electromechanical (EEE) Components	BPMicro System Xeltek
DDR/SRAM	Per Customer Specification	Electrical, Electronic and Electromechanical (EEE) Components	Ramcheck LX Tester Innovention

Electrical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Electrical Characteristics Test (300 Class)	MIL-STD-202G Class 300 AS6171/7	Electrical, Electronic and Electromechanical (EEE) Components	LCR/ERS Meter, Multimeter, Curve Tracer, IR Meter
Electrical Test (Digital)	MIL-STD-883H Class 3000 AS6171/7	Electrical, Electronic and Electromechanical (EEE) Components	Xeltek 6100 PXI system
Electrical Test (Linear)	MIL-STD-883H Class 4000 AS6171/7	Electrical, Electronic and Electromechanical (EEE) Components	DC Power Analyzer N6705C
Inductor, Capacitor, Resistor (LCR)	MIL-STD-202 AS6171/7	Electrical, Electronic and Electromechanical (EEE) Components	LCR Meter
Diode, Mosfet, transistor	MIL-STD-750 AS6171/7	Diode, Mosfet, transistor	LORLIN system
AC/DC characteristics testing	MIL-STD-883 AS6171/7	Microcircuits	PXI system
Environmental testing	MIL-STD-883 AS6171/7	Microcircuits	Temperature system PXI system
Burn in testing	MIL-STD-883 AS6171/7	Microcircuits	Temperature system PXI system
Functional Testing	MIL-STD-883 AS6171/7	Microcircuits	PXI system
Advanced Pin Correlation Testing	MIL-STD-883 AS6171/7	Microcircuits	PXI system
RF testing	MIL-STD-883 AS6171/7	Microcircuits	VNA Network analysis

Satellite Site

Global ETS (Malaysia) Sdn. Bhd

Plot 88F, Lintang Bayan Lepas 10
Bayan Lepas Industrial Park
11900 Bayan Lepas, Penang
Malaysia
Dan Tang 727 807 7991
dan@gets-usa.com

Non-Destructive Testing

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Visual Inspection	AS6081, 4.2.6.4.2.1 AS6171/2A IDEA-STD-1010	Electrical, Electronic and Electromechanical (EEE) Components	Amscope 10X-1000X
Elemental Content by XRF	AS6081, 4.2.6.4.5 APP C2 AS6171/3 IDEA-STD-1010	Electrical, Electronic and Electromechanical (EEE) Components	RMD XRF
Radiographic Examination/ Inspection	AS6081, 4.2.6.4.4 AS6171/5 IDEA-STD-1010	Electrical, Electronic and Electromechanical (EEE) Components	Creative Electron TruView Prime

Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Solvent Test for Remarking	AS6081, 4.2.6.4.3 A AS6171/2A IDEA-STD-1010	Electrical, Electronic and Electromechanical (EEE) Components	Mix Solution (CAS Registry Number 9072-35-9)

Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Solvent Test for Resurfacing/ Scrape	AS6081, 4.2.6.4.3 A AS6171/2A IDEA-STD-1010	Electrical, Electronic and Electromechanical (EEE) Components	Acetone (CAS Registry Number 67-64-1) 1-Methyl 2- Pyrrolidinone (CAS Registry Number: 872-50-4) Dynasolve 750 (or equivalent)
Packaging Configuration and Dimension	AS6081, 4.2.6.4.1 AS6171/2A IDEA-STD-1010	Electrical, Electronic and Electromechanical (EEE) Components	Caliper, Microscope
Solderability	MIL-STD-883 Method 2003.9 ANSI/J-STD-002 IDEA-STD-1010	Electrical, Electronic and Electromechanical (EEE) Components	ACE MLTS
Decapsulation and Die Verification	AS6081, 4.2.6.4.6 AS6171/4 IDEA-STD-1010	Electrical, Electronic and Electromechanical (EEE) Components	Paragon Kiln

Electrical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Memory/ Flash/ Programming	Per Customer Specification	Electrical, Electronic and Electromechanical (EEE) Components	BPMicro System Xeltek
Electrical Characteristics Test (300 Class)	MIL-STD-202G Class 300 AS6171/7	Electrical, Electronic and Electromechanical (EEE) Components	LCR/ERS Meter, Multimeter, Curve Tracer, IR Meter
Electrical Test (Digital)	MIL-STD-883H Class 3000 AS6171/7	Electrical, Electronic and Electromechanical (EEE) Components	Xeltek 6100
Electrical Test (Linear)	MIL-STD-883H Class 4000 AS6171/7	Electrical, Electronic and Electromechanical (EEE) Components	DC Power Analyzer DP 832A

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. AT-2603.



R. Douglas Leonard Jr., VP, PILR SBU

