



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

Global ETS, LLC
2631 Success Drive
Odessa, FL 33556
(and the satellite locations as listed 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.

Jason Stine, Vice President

Expiry Date: 13 July 2026

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

ISO/IEC 17025 Accreditation Granted: **13 July 2024**

Certificate Number: **AT-2603**

Certificate Expiry Date: **13 July 2026**

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	AS6081, 4.2.6.4.2.1 AS6171/2 IDEA-STD-1010	Electrical, Electronic and Electromechanical (EEE) Components	Amscope 10X-1000X KEYENCE VHX-6000 series 200X-2000X Intelligent-Lab PM-100 Precision Balance
Elemental Content by XRF	AS6081, 4.2.6.4.5 APP C2 AS6171/3 IDEA-STD-1010		UX-220 XRF RMD XRF
Radiographic Examination/ Inspection	AS6081, 4.2.6.4.4 AS6171/5 IDEA-STD-1010		Creative Electron TruView Prime
Scanning Acoustic Microscopy Inspection	AS6081, 4.2.6.3 APP C.6 AS6171/6 IDEA-STD-1010		VUE 250-P NexGen

Non-Destructive Testing

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Scanning Electron Microscope	AS6081, 4.2.6.3 C AS6171/2 IDEA-STD-1010		Hitachi TM4000 Plus
Energy Dispersive Spectroscopy	AS6081, 4.2.6.4.5 APPC.1 AS6171/3 IDEA-STD-1010		Hitachi TM4000 Plus(OXFORD INSTRUMENTS EBSD Detector)
Raman	AS6171/8	Electrical, Electronic and Electromechanical (EEE) Components	NRS-4500-785 Confocal Raman Micro-Spectrometer
FTIR	AS6171/9		JASCO FT/IR-4X FT/IR Spectrometer

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 AS6171/2 IDEA-STD-1010		Mix Solution (CAS Registry Number 9072-35-9)
Solvent Test for Resurfacing/ Scrape	AS6081, 4.2.6.4.3 A AS6171/2 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 AS6171/2 IDEA-STD-1010		Caliper KEYENCE VHX-7000 series KEYENCE VHX-5000 series KEYENCE VHX-6000 series

Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Solderability	MIL-STD-883 Method 2003.9 ANSI/J-STD-002 IDEA-STD-1010		Solder Pot Polish P553, Reflow Oven Puhui Infrared IC Heater T-962 Steam-ager
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		Ramcheck LX Tester Innovention
Electrical Characteristics Test (300 Class)	MIL-STD-202 Class 300 AS6171/7		LCR/ERS Meter, Multimeter, Curve Tracer, IR Meter
Electrical Test (Digital)	MIL-STD-883 Class 3000 AS6171/7		Xeltek 6100 PXI system
Electrical Test (Linear)	MIL-STD-883 Class 4000 AS6171/7		DC Power Analyzer N6705C
Inductor, Capacitor, Resistor (LCR)	MIL-STD-202 AS6171/7		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

This Scope of Accreditation, version 013, was last updated on: 27 July 2025 and is valid only when accompanied by the Certificate.

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Electrical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Environmental testing	MIL-STD-883 AS6171/7	Microcircuits	Temperature system PXI system
Burn in testing	MIL-STD-883 AS6171/7		Temperature system PXI system
Functional Testing	MIL-STD-883 AS6171/7		PXI system
Advanced Pin Correlation Testing	MIL-STD-883 AS6171/7		PXI system
RF testing	MIL-STD-883 AS6171/7		VNA Network analysis

Satellite Site

Global ETS (Malaysia) Sdn. Bhd

No. 766, Jalan Cassia Selatan 5/2,
Taman Perindustrian Batu Kawan,
14110 Simpang Ampat, 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 AS6171/2 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		RMD XRF
Radiographic Examination/ Inspection	AS6081, 4.2.6.4.4 AS6171/5 IDEA-STD-1010		Creative Electron TruView Prime
Scanning Acoustic Microscopy Inspection	AS6081, 4.2.6.3 APP C.6 AS6171/6 IDEA-STD-1010		VUE 250-P NexGen
Scanning Electron Microscope	AS6081, 4.2.6.3 C AS6171/2 IDEA-STD-1010		Hitachi TM4000 Plus
Energy Dispersive Spectroscopy	AS6081, 4.2.6.4.5 APPC.1 AS6171/3 IDEA-STD-1010		Hitachi TM4000 Plus(OXFORD INSTRUMENTS EBSD Detector)
FTIR	AS6171/9		JASCO FT/IR-4X FT/IR Spectrometer

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 AS6171/2 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 AS6171/2 IDEA-STD-1010		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 AS6171/2 IDEA-STD-1010		Caliper, Microscope Keyence VHX-7000
Solderability	MIL-STD-883 Method 2003.9 ANSI/J-STD-002 IDEA-STD-1010		ACE MLTS Solder Pot Polish P553, Reflow Oven Puhui Infrared IC Heater T-962 Steam-ager
Decapsulation and Die Verification	AS6081, 4.2.6.4.6 AS6171/4 IDEA-STD-1010		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-202 Class 300 AS6171/7		LCR/ERS Meter, Multimeter, Curve Tracer, IR Meter
Electrical Test (Digital)	MIL-STD-883 Class 3000 AS6171/7		Xeltek 6100

Electrical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Electrical Test (Linear)	MIL-STD-883 Class 4000 AS6171/7	Electrical, Electronic and Electromechanical (EEE) Components	DC Power Analyzer DP 832A
Inductor, Capacitor, Resistor (LCR)	MIL-STD-202 AS6171/7		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	Virtual Bench
Environmental testing	MIL-STD-883 AS6171/7		Temperature system Virtual Bench
Burn in testing	MIL-STD-883 AS6171/7		Temperature system Virtual Bench
Functional Testing	MIL-STD-883 AS6171/7		Virtual Bench

Satellite Site

Global ETS (HK) LIMITED

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Dan Tang 727 807 7991
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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 AS6171/2	Electrical, Electronic and Electromechanical (EEE) Components	Keyence VHX-7000
Elemental Content by XRF	AS6081 AS6171/3		Seamark JFX-8000
Radiographic Examination/ Inspection	AS6081 AS6171/5		Seamark X6660H

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 AS6171/2	Electrical, Electronic and Electromechanical (EEE) Components	3-Parts Mineral spirits (CAS No. 8052-41-3) 1-Part Isopropyl alcohol (CAS No. 67-63-0)
Solvent Test for Resurfacing/ Scrape	AS6081 AS6171/2		Acetone (CAS No. 67-64-1)/ 1-Methyl 2- Pyrrolidinone (CAS No. 872-50-4)/ Dynasolve 750 (or equivalent)/ Thermo Scientific HP88857105
Packaging Configuration and Dimension	AS6081 AS6171/2		Mitutoyo Digimatic Caliper CD-6"AX Keyence VHX-7000
Solderability	MIL-STD-883 Method 2003.9 ANSI/J-STD-002		Hakko FX-305/ Puhui Infrared IC Heater T-962
Decapsulation and Die Verification	AS6081 AS6171/4		Nabertherm Furnace Oven B410

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	Xeltek Superpro 6100N
Electrical Test (Digital)	MIL-STD-883 Class 3000 AS6171/7		NI VB8012 Virtual Bench / Xeltek Superpro 6100N / Digilent ADP5250 Virtual Bench/ Rigol DMM D3058
Electrical Test (Linear)	MIL-STD-883 Class 4000 AS6171/7		NI VB8012 Virtual Bench / Digilent ADP5250 Virtual Bench/ Rigol DMM D3058/
Electrical Test (Passive)	MIL-STD-202 Class 300 AS6171/7		Keysight (E4980A) LCR/ Rigol DMM D3058
Electrical Test (Transistor)	MIL-STD-750 Class 3000 AS6171/7		Keithley 2470 SMU

Satellite Site

Global ETS China

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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 AS6171/2	Electrical, Electronic and Electromechanical (EEE) Components	Keyence VHX-950F
Elemental Content by XRF	AS6081 AS6171/3		Seamark JFX-8000
Radiographic Examination/ Inspection	AS6081 AS6171/5		Seamark X6600B

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 AS6171/2	Electrical, Electronic and Electromechanical (EEE) Components	3-Parts Mineral spirits (CAS No. 8052-41-3) 1-Part Isopropyl alcohol (CAS No. 67-63-0)
Solvent Test for Resurfacing/ Scrape	AS6081 AS6171/2		Acetone (CAS No. 67-64-1)/ 1-Methyl 2- Pyrrolidinone (CAS No. 872-50-4)/ Dynasolve 750 (or equivalent)/ Thermo Scientific HP88857105
Packaging Configuration and Dimension	AS6081 AS6171/2		Mitutoyo Digimatic Caliper CD-6"AX Keyence VHX-7000
Solderability	MIL-STD-883 Method 2003.9 ANSI/J-STD-002		Soldering Pot Infrared IC Heater T-962
Decapsulation and Die Verification	AS6081 AS6171/4	Electrical, Electronic and Electromechanical (EEE) Components	Electric Box Resistance Furnace YTH-2.5-10 Keyence VHX-7000

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	Xeltek Superpro 6100N
Electrical Test (Digital)	MIL-STD-883 Class 3000 AS6171/7		NI VB8012 Virtual Bench / Xeltek Superpro 6100N / Digilent ADP5250 Virtual Bench/ Rigol DMM D3058
Electrical Test (Linear)	MIL-STD-883 Class 4000 AS6171/7		NI VB8012 Virtual Bench / Digilent ADP5250 Virtual Bench/ Rigol DMM D3058/
Electrical Test (Passive)	MIL-STD-202 Class 300 AS6171/7		Keysight (E4980A) LCR/ Rigol DMM D3058
Electrical Test (Transistor)	MIL-STD-750 Class 3000 AS6171/7		Keithley 2470 SMU/ NI VB8012 Virtual Bench



Jason Stine, Vice President