



CERTIFICATE OF ACCREDITATION

ANSI-ASQ National Accreditation Board

500 Montgomery Street, Suite 625, Alexandria, VA 22314, 877-344-3044

This is to certify that

Secat, Inc.
1505 Bull Lea Road
Lexington, KY 40511

has been assessed by ANAB
and meets the requirements of international standard

ISO/IEC 17025:2005

while demonstrating technical competence in the field of

TESTING

Refer to the accompanying Scope of Accreditation for information regarding the types of tests to which this accreditation applies.

L2128

Certificate Number


ANAB Approval

Certificate Valid: 12/22/2018-12/12/2020
Version No. 002 Issued: 12/22/2018



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. 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 17025:2005

Secat, Inc.

1505 Bull Lea Road
Lexington, KY 40511
Shridas Ningileri Phone: 859-514-4989

TESTING

Valid to: December 12, 2020

Certificate Number: L2128

Mechanical

Table with 4 columns: Specific Tests and/or Properties Measured, Specification, Standard, Method, or Test Technique, Items, Materials or Product Tested, and Key Equipment or Technology. It lists mechanical tests like Yield Strength, Tensile Strain Hardening Exponent, Plastic Strain Ratio, Poisson's Ratio, and Young's Modulus.

Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Microhardness	ASTM E384	Sheet, Plate, Forging, Extrusions, Billets, Castings, Wires, Foil, Tubes, Welds, Formed Components, P/M Components, Metal Matrix, Composites	Microhardness Tester (Knoop, Vickers)
Rockwell	ASTM A370 ASTM E18	Sheet, Plate, Forging, Extrusions, Billets, Castings, Wires, Tubes, Welds, Formed Components, P/M Components, Metal Matrix, Composites	Rockwell Hardness Tester (HRC HRB W HRH)
Superficial Rockwell	ASTM A370 ASTM E18	Sheet, Plate, Forging, Extrusions, Billets, Castings, Wires, Tubes, Welds, Formed Components, P/M Components, Metal Matrix, Composites	Rockwell Hardness Tester (HR 30N HR 30T W)
Electrical Conductivity	ASTM E1004	Aluminum, Aluminum Alloys	Eddy Current Conductivity Meter
Forming Limit Curves up to 4 mm for Al up to 2 mm for Steel	ASTM E2218	Sheet Materials	Ductometer; Universal Marking Machine; Servo-hydraulic Universal Test System
Failure Analysis	WI-MC-27	Sheet, Plate, Forging, Extrusions, Billets, Castings, Wires, Foil, Tubes, Welds, Formed Components, P/M Components, Metal Matrix, Composites	Electromechanical Universal Test System; Servo-hydraulic Universal Test System; Scanning Electron Microscope; Optical Microscope; Stereo Microscope; Optical Emission Spectrometer; Rockwell Hardness Tester; Microhardness Tester; Eddy Current Conductivity Meter; Ductometer;
Optical Emission Spectroscopy (OES)	ASTM E1251	Al based Alloys in Chill Cast Disk, Casting, Foil, Sheet, Plate, Extrusion or some other Wrought Form or Shape	Optical Emission Spectrometer

Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Scanning Electron Microscopy with Energy Dispersive X-Ray Analysis (SEM-EDS)	WI-MC-1	Sheet, Plate, Forging, Extrusions, Billets, Castings, Wires, Foil, Tubes, Welds, Formed Components, P/M Components, Metal Matrix, Composites	Scanning Electron Microscope

Note:

1. This laboratory offers commercial testing service.
2. This scope is formatted as part of a single document including Certificate of Accreditation No. L2128.



Vice President

