



CERTIFICATE OF ACCREDITATION

ANSI National Accreditation Board

11617 Coldwater Road, Fort Wayne, IN 46845 USA

This is to certify that

Infinity Testing Solutions, Inc.

3750B Laird Road, Unit 10

Mississauga ON L5L 0A6

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

ISO/IEC 17025:2017

while demonstrating technical competence in the field of

TESTING

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

AT-1927

Certificate Number


ANAB Approval

Certificate Valid Through: 03/06/2021
Version No. 005 Issued: 04/04/2019



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).



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SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

Infinity Testing Solutions, Inc.

3750B Laird Road, Unit 10

Mississauga, ON L5L 0A6

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TESTING

Valid to: **March 6, 2021**

Certificate Number: **AT-1927**

Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Tension/Compression Strength under axial loading (force/strain)	ITS SOP 9 ITS SOP 39 ANSI/SSFI SC100-5, ANSI/SSFI SH300, CSA S269.1, CSA S269.2, CSA C83	Metal components/products, metal platforms	Hydraulic tension/compression testing machine and LVDT (10 to 100 000) lbf
Bending Fatigue	ITS SOP 13	Suspensions and/or Axles	Load cells (up to 100 000) lbf; Hydraulic actuators (0.05 to 24) in strokes
Torsional Fatigue	ITS SOP 6		
Durability under Dynamic Loading	ITS SOP 5		
Vibration (up to 50 g)	ITS SOP 10 (Sine vibration and random vibration)	Packaging, electronic and structural products	Accelerometers, shakers, and data acquisition system
Vibration and Shock (up to 200 g)	ITS SOP 40 (Sine vibration, random vibration and shock)	Packaging, electronic and structural products	Accelerometers, shakers and signal conditioner and vibration controller
Proof and Bursting under Static Pressure	ASME VIII Div. 1, Section A, UG-101(m); ITS SOP 8 (ambient, cold and/or hot temperature)	Pressure vessels, pipes, valves and fittings	Pressure transducers and controller (5 to 72 000) psig
Fatigue and/or durability under Dynamic Pressure (up to 20 Hz)	ITS SOP 42 (ambient, cold and/or hot temperature)	Metallic, composite, plastic parts	Pressure transducers and controller (5 to 72 000) psig; Frequency measuring system
Environment Simulation: Temperature	ASTM F2825, except to 6.2 and 6.3	Packaging products	Thermal chambers: (-70 °C to 500 °C)



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Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Environment Simulation: Temperature / Humidity	ASTM F2825, except to 6.2 and 6.3	Packaging products	Thermal chambers: -70 °C to 100 °C and (15 to 90) %RH

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. AT-1927.



Vice President

