CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

Infinity Testing Solutions Inc.

2370 Meadowvale Blvd., Unit 5
Mississauga, Ontario, L5N 0H1, Canada

Fulfills the requirements of

ISO/IEC 17025:2017

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: 06 March 2025
Certificate Number: AT-1927

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

Infinity Testing Solutions Inc.

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TESTING

Valid to: **March 6, 2025** 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, CAN/CGSB-7.2-94	Metal components/products, metal platforms	Hydraulic tension/compression testing machine and LVDT sensors (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) inch strokes
Torsional Fatigue	ITS SOP 6		
Durability under Dynamic Loading	ITS SOP 5		
Vibration (up to 500 m/s^2)	ITS SOP 10 (Sine vibration and random vibration)	Packaging, electronic and structural products	Accelerometers, shakers, and data acquisition system
Vibration and Shock (up to 2000 m/s^2)	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[1]	ASME VIII Div. 1, Section A, UG-101(m); ITS SOP 8 (ambient, cold and/or hot temperature); ITS SOP 32 (on-site, ambient temperature)	Pressure vessels, pipes, valves and fittings	Pressure transducers and controller (5 to 72 000) psig

Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
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, ovens: (-70 ˚C to 500 ˚C)
Environment Simulation: Temperature / Humidity	ASTM F2825, except to 6.2 and 6.3	Packaging products	Thermal chambers: -70 ˚C to 100 ˚C and (18 to 95) %RH

Note:

1. On-site service is available for this parameter, since on-site conditions are typically more variable than those in the laboratory, larger measurement uncertainties are expected on-site.
2. This scope is formatted as part of a single document including Certificate of Accreditation No. AT-1927.

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