

## PROFICIENCY TESTING PROVIDER (PTP) ACCREDITATION PROGRAM

### Scope of Accreditation

Accredited Laboratory No. 925

**Legal Name of Accredited Laboratory:** **InnoTech Alberta Inc.**

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<b>SCC File Number:</b>	151232
<b>Accreditation Standard(s):</b>	ISO/IEC 17043:2010
<b>Proficiency Testing Scheme/Field of Testing:</b>	Other – Petroleum Products
<b>Program Specialty Area:</b>	Proficiency Testing Provider
<b>Initial Accreditation:</b>	2021-06-15
<b>Most Recent Accreditation:</b>	2021-06-15
<b>Accreditation Valid to:</b>	2025-06-15

*Remarque: La présente portée d'accréditation existe également en français. La version française est publiée séparément.*

*Note: This scope of accreditation is also available in French as a separately issued document.*

Program (PT Scheme)	Type of activity (parameter) <sup>1,2,3</sup>
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Aviation Gasoline	<p>Distillation - ASTM D86  Density - ASTM D86  Unwashed Gum - ASTM D381  Lead - ASTM D3341  Net Heat of Combustion - ASTM D3338  Motor Octane Number - ASTM D2700  Sulfur - ASTM D5453  Vapor Pressure - ASTM D5191</p>
Aviation Turbine	<p>Distillation - ASTM D86  Acid Number - ASTM D3242  Total Aromatics - ASTM D1319, ASTM D6379  Olefins - ASTM D1319  Density - ASTM D4052  Existent Gum - IP 540  Flash Point - ASTM D56  Freezing Point - ASTM D5972  Water Separation - ASTM D3948, ASTM D7224  Naphthalenes - ASTM D1840  Net Heat of Combustion - ASTM D3338  Smoke Point - ASTM D1322  Sulfur, Total - ASTM D5453, ASTM D7039  Sulfur, Mercaptan - ASTM D3227  Thermal Oxidation Stability - ASTM D3241  Viscosity, Kinematic - ASTM D445, ASTM D7042</p>
Diesel Fuel	<p>Distillation - ASTM D86, ASTM D2887  Aniline Point - ASTM D611  Cetane Index - ASTM D976, ASTM D4737  Cetane Number - ASTM D613  Cloud Point - ASTM D2500, ASTM D5773  Density - ASTM D4052, ASTM D7042  Electrical Conductivity - ASTM D2624  Flash Point - ASTM D93  Lubricity - ASTM D6079  Pour Point - ASTM D97, ASTM D5949  Sulfur, Total - ASTM D5453, ASTM D7039  Viscosity, Kinematic - ASTM D445, ASTM D7042  Water Content - ASTM D6304  Biodiesel Content - ASTM D7371</p>
Fuel Oil	<p>Distillation - ASTM D86, ASTM D2887  Acid Number - ASTM D664  Carbon Residue - ASTM D4530  Cloud Point - ASTM D2500, ASTM D5773  Density - ASTM D4052  Flash Point - ASTM D93  Nitrogen - ASTM D4629  Pour Point - ASTM D97, ASTM D5949  Sulfur, Total - ASTM D5453, ASTM D7039  Sulfur, Mercaptan - ASTM D3227  Viscosity, Kinematic - ASTM D445, ASTM D7042</p>
Motor Gasoline	<p>Distillation - ASTM D86  Aromatics - ASTM D1319, CAN/CGSB-3.0 No. 14.3  Olefins - ASTM D1319, CAN/CGSB-3.0 No. 14.3</p>

	Benzene - CAN/CGSB-3.0 No. 14.3 Corrosion - CAN/CGSB-3.0 No. 60.32, NACE TM0172 Density - ASTM D4052 Gum, Unwashed - ASTM D381 Gum, Solvent Washed - ASTM D381 Octane Number, Research - ASTM D2699 Octane Number, Motor - ASTM D2700 Sulfur, Total - ASTM D5453, ASTM D7039 Sulfur, Mercaptan - ASTM D3227 Vapor Pressure - ASTM D5191
Liquefied Petroleum Gas	Hydrocarbons: Methane, Ethane, Propane, Propene, Isobutane, n-Butane - ASTM D2163 Density - All Methods (e.g. ASTM D1657, ASTM D2598) Sulfur, Total - All Methods (e.g. ASTM D5453, ASTM D6667) Vapor Pressure - All Methods (e.g. ASTM D1267, ASTM D2598) Volatile Residue - All Methods (e.g. ASTM D2163, CAN/CGSB-3.0 No. 14.3)

<sup>1</sup> Tests from CGSB, ASTM specifications and other tests

<sup>2</sup> Concentration range / Measuring range - close to CGSB and ASTM specifications

<sup>3</sup> Assigned values and associated uncertainties determined via consensus values.

Number of Scope Listings: 6

**Notes:**

ISO/IEC 17043:2010 Conformity assessment – General requirements for proficiency testing

ASTM – ASTM International

CGSB – Canadian General Standards Board

IP – Energy Institute Petroleum test method publication

This document forms part of the Certificate of Accreditation issued by the Standards Council of Canada (SCC). The original version is available in the Directory of Accredited Laboratories on the SCC website at [www.scc.ca](http://www.scc.ca).

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