

PROFICIENCY TESTING PROVIDER (PTP) ACCREDITATION PROGRAM

Scope of Accreditation

La présente portée d'accréditation existe également en français et est publiée séparément.

Legal Name of Accredited Proficiency Testing Provider:

InnoTech Alberta Inc.

Location Name or Operating as (if applicable):

International Quality Assurance Exchange Program (IQAEP)

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To ensure compliance with the *Official Languages Act*, the Standards Council of Canada (SCC) translated proprietary content from English to French when it was not available in French. In case of discrepancies between the English and French versions, the original version prevails.

SCC File Number:	151232
Accreditation Standard(s):	ISO/IEC 17043:2023 Conformity assessment- General requirements for the competence of proficiency testing providers
Proficiency Testing Scheme/Field of Testing:	Other – Petroleum Products
Program Specialty Area:	Proficiency Testing Provider
Initial Accreditation:	2021-06-15
Most Recent Accreditation:	2025-02-27
Accreditation Valid to:	2029-06-15

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)	Measurand (parameter) ^{1,2,3}
Aviation Gasoline	Distillation - ASTM D86 Density - ASTM D4052 Unwashed Gum - ASTM D381 Lead - ASTM D3341 Net Heat of Combustion - ASTM D3338 Motor Octane Number - ASTM D2700 Sulfur - ASTM D5453 Hydrocarbon Type - ASTM D1319, ASTM D6379 Vapor Pressure - ASTM D5191
Aviation Turbine Fuel	Distillation - ASTM D86 Acid Number - ASTM D3242 Hydrocarbon Type - ASTM D1319, ASTM D6379 Density - ASTM D4052 Existent Gum - IP 540 Flash Point - ASTM D56, ASTM D7094 Freezing Point - ASTM D5972 Water Separation - ASTM D3948, ASTM D7224 Naphthalenes - ASTM D1840 Net Heat of Combustion - ASTM D3338, ASTM D4529 Smoke Point - ASTM D1322 Sulfur, Total – ASTM D4294, ASTM D5453, ASTM D7039 Sulfur, Mercaptan - ASTM D3227 Thermal Oxidation Stability - ASTM D3241 Viscosity, Kinematic - ASTM D445, ASTM D7042 Corrosion Copper Strip - ASTM D130 Doctor Test - ASTM D4952 Electrical Conductivity - ASTM D2624
Diesel Fuel	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 Corrosion Copper Strip - ASTM D130 Density - ASTM D4052, ASTM D7042 Electrical Conductivity - ASTM D2624 Flash Point - ASTM D93, ASTM D7094 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
Fuel Oil	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
Motor Gasoline	Distillation - ASTM D86 Hydrocarbon Type - ASTM D1319, CAN/CGSB-3.0 No. 14.3 Benzene - CAN/CGSB-3.0 No. 14.3 Benzene Emission Number – Regulation SOP/97-493 Oxygenates - CAN/CGSB-3.0 No. 14.3, ASTM D4815, ASTM D6729, ASTM D5501 ECorrosion Copper Strip – ASTM D130 Corrosion Silver – ASTM D7671 Corrosion - CAN/CGSB-3.0 No. 60.32, NACE TM0172 Density - ASTM D4052 Driveability Index – CAN/CGSB-3.511 Gum - ASTM D381 Induction Period – ASTM D525 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	Individual Components by Gas Chromatography - - ASTM D2163, CAN/CGSB-3.0 No. 14.3, GPA 2177 Density - ASTM D1657, ASTM D2598, CAN/CGSB-3.0 No. 14.3E Sulfur, Total - ASTM D5504, ASTM D6667, ASTM D5623 Vapor Pressure - ASTM D1267, ASTM D2598 Volatile Residue - ASTM D2163, CAN/CGSB-3.0 No. 14.3, GPA 2177

¹ Tests from CGSB, ASTM specifications and other tests

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

³ Assigned values determined via consensus values. Associated uncertainties are not applicable.

Number of PT Schemes: 6

Notes:

ISO/IEC 17043:2023: Conformity assessment- General requirements for the competence of proficiency testing providers

ASTM: ASTM International

CGSB: Canadian General Standards Board

IP: Energy Institute Petroleum test method publication

GPA: Gas Processor Association



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-ccn.ca.

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