

## TESTING AND CALIBRATION LABORATORY ACCREDITATION PROGRAM (LAP)

### Scope of Accreditation

**Legal Name of Accredited Laboratory:** **Bureau Veritas**

Location Name or Operating as (if applicable): CNRL Horizon Project, Main Laboratory

Contact Name: Rajani Lingadahally

Address: CNRL Horizon Project, Main Laboratory  
P.O. Bag 4025  
Fort McMurray, Alberta  
T9H 3H5

Telephone: 780 828 2850

Website: [www.cnrl.com/about-cnq/corporate-profile.html](http://www.cnrl.com/about-cnq/corporate-profile.html)

Email: [Horizon-QA-CA@bureauveritas.com](mailto:Horizon-QA-CA@bureauveritas.com)

<b>SCC File Number:</b>	15795
<b>Accreditation Standard(s):</b>	ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories
<b>Fields of Testing:</b>	Chemical/Physical
<b>Program Specialty Area:</b>	Environmental Testing (ET)
<b>Initial Accreditation:</b>	2008-12-12
<b>Most Recent Accreditation:</b>	2023-09-27
<b>Accreditation Valid to:</b>	2024-12-12

## ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND SAFETY

### Environmental:

HORZSOP-00005	Determination of pH In: freshwater, groundwater and wastewater By: pH meter
HORZSOP-00051	Total Suspended Solids In: groundwater, freshwater, wastewater and lean amines By: gravimetry
HORZSOP-00090	Combined pH, Conductivity, and Alkalinity by PC Titrate In: saline water, surface water, aqueous industrial wastes and process waters Only for: pH

## NON-METALLIC MINERALS AND PRODUCTS

### Petroleum Refinery Products (including asphalt materials, petrochemicals, fuels and lubricants):

#### **Fuels and Lubricants**

HORZSOP-00002	Determination of Bitumen, Water and Solids by Dean and Stark Method
HORZSOP-00004	Boiling Range Distribution of Petroleum Products and Fractions
HORZSOP-00008	Density by Digital Density Analyzer
HORZSOP-00013	D:B ratio of Diluted Bitumen By D86
HORZSOP-00025	Particulates, Sediment in Oil by Membrane Filtration
HORZSOP-00032	Refinery Gas Analysis
HORZSOP-00047	Diluent Analysis by Gas Chromatography
HORZSOP-00070	Karl Fischer Volumetric Water Content Determination
HORZSOP-00092	Total Nitrogen and Sulfur on Mitsubishi Elemental Analyzer

Number of Scope Listings: 12

### Notes:

**HORZSOP:** Internal Standard Operating Procedures



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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Elias Rafoul  
Vice-President, Accreditation Services  
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