

TESTING AND CALIBRATION LABORATORY ACCREDITATION PROGRAM (LAP)

Scope of Accreditation

Legal Name of Accredited Laboratory: **SGS CANADA INC. – NATURAL RESOURCES - MINERALS – ENERGY**

Location Name or Operating as (if applicable): DELTA

Contact Name: Valerie Kuch

Address: 7500 76th Street
Delta, BC
V4G 1E6

Telephone: 705-761-6854

Website: www.sgs.ca

Email: Valerie.kuch@sgs.com

SCC File Number:	151001
Accreditation Standard(s):	ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories
Fields of Testing:	Chemical/Physical
Program Specialty Area:	Mineral Analysis
Initial Accreditation:	2015-05-24
Most Recent Accreditation:	2023-07-07
Accreditation Valid to:	2027-05-24

SCC Group Accreditation:

This laboratory is a part of a Group Accreditation with the following facilities in accordance with SCC's policy on Group Accreditation documented in the Accreditation Services Accreditation Program Overview.

- 15254 - SGS CANADA INC. - NATURAL RESOURCES - MINERALS - LAKEFIELD
- 15919 - SGS CANADA INC. - NATURAL RESOURCES - MINERALS - BURNABY
- 151041 - SGS CANADA INC. - NATURAL RESOURCES - MINERALS - COCHRANE
- 15745 - SGS CANADA INC. – NATURAL RESOURCES – MINERALS – RED LAKE

The physical sample preparation involving accredited test methods as listed on the scope of accreditation may be performed at the SGS CANADA INC. - NATURAL RESOURCES – MINERALS – ENERGY,

DELTA location, at other sites listed within the group accreditation, or at offsite sample preparation laboratories that are monitored regularly for quality control and quality assurance practices:

- SGS CANADA INC. – Prince Rupert – 380 Kaien Road Unit 1, Prince Rupert BC

Remarque: La présente portée d'accréditation existe également en français, sous la forme d'un document distinct.

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

NON-METALLIC MINERALS AND PRODUCTS

Solid Fuels and By-Products:

Coke, Coal, and Wood Products

ASTM D3174	Standard Test Method for Ash in the Analysis Sample of Coal and Coke from Coal [gravimetric]
ASTM D4239	Standard Test Method for Sulfur in the Analysis Sample of Coal and Coke Using High Temperature Tube Furnace Combustion [IR; Infrared Spectrometry; S]
ASTM D4422	Standard Test Method for Ash in Analysis of Petroleum Coke [gravimetric]
ASTM D5373	Standard Test Method for Determination of Carbon, Hydrogen and Nitrogen in Analysis Samples of Coal and Carbon in Analysis of Coal and Coke [IR; Infrared Spectrometry; C; H; N]
ASTM D5865	Standard Test Method for Gross Calorific Value of Coal and Coke [Calorimeter; CV]
ASTM D6721	Standard Test Method for Determination of Chlorine in Coal by Oxidative Hydrolysis Microcoulometry
ISO 1171	Solid Mineral Fuels Determination of Ash [gravimetric]
ISO 16948	Solid Biofuels Determination of total content of carbon, hydrogen and nitrogen
ISO 16994	Solid Biofuels Determination of total content of Sulfur and Chlorine [IR; Infrared Spectrometry; S], [Microcoulometry;Cl]
ISO 17828	Solid Biofuels Determination of bulk density
ISO 17829	Solid Biofuels Determination of length and diameter of pellets
ISO 17831-1	Solid Biofuels Determination of mechanical durability of pellets and briquettes
ISO 18122	Solid Biofuels Determination of ash content

ISO 18134-2	Solid Biofuels Determination of Moisture Content – Oven Dry Method [Gravimetric]
ISO 1928	Solid Mineral Fuels Determination of Gross Calorific Value by Bomb Calorimetric Method and Calculation of Net Calorific Value [Calorimeter; CV]
ISO 19579	Solid Mineral Fuels Determination of Sulfur by IR Spectrometry [IR; Infrared Spectrometry; S]
ISO 29541	Solid Mineral Fuels Determination of Total Carbon, Hydrogen and Nitrogen content Instrumental Method [IR; Infrared Spectrometry; C; H; N]
ISO 18125	Solid Biofuels – Determination of Calorific Value [Calorimeter; CV]
ISO 21404	Solid Biofuels-Determination of Ash Melting Behavior
ISO 18846	Solid Biofuel: - Determination of Fines Content in samples of Pellets
ISO 17830	Solid Biofuel: - Particle Size Distribution of disintegrated pellets
ISO 18123	Solid Biofuel: - Determination of the Content of Volatile Matter

Other (specify):

Number of Scope Listings: 22

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.

Elias Rafoul
 Vice-President, Accreditation Services
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