



TESTING AND CALIBRATION LABORATORY ACCREDITATION PROGRAM (LAP)

Scope of Accreditation

Accredited Laboratory No. 807

Legal Name of Accredited Laboratory: **SGS CANADA INC., MINERALS - ENERGY**

Contact Name: Valerie Kuch

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

Telephone: 705-652-2044

Fax: 705-652-2162

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:	2019-05-27
Accreditation Valid to:	2023-05-24

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.

- SCC File 15254 - SGS CANADA INC., MINERALS - LAKEFIELD, Accredited Laboratory No. 184
- SCC File 15919 - SGS CANADA INC., MINERALS - BURNABY, Accredited Laboratory No. 744
- SCC File 151041 - SGS CANADA INC., MINERALS - COCHRANE, Accredited Laboratory No. 841
- SCC File 15745 - SGS CANADA INC., MINERALS - RED LAKE, Accredited Laboratory No. 598



NON-METALLIC MINERALS AND PRODUCTS

Solid Fuels and By-Products:

Coke, Coal, and Wood Products

ASTM D3174-12	Standard Test Method for Ash in the Analysis Sample of Coal and Coke from Coal [gravimetric]
ASTM D4239-14	Standard Test Method for Sulfur in the Analysis Sample of Coal and Coke Using High Temperature Tube Furnace Combustion [IR; Infrared Spectrometry; S]
ASTM D4422-13	Standard Test Method for Ash in Analysis of Petroleum Coke [gravimetric]
ASTM D5373- 16	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 D5865-13	Standard Test Method for Gross Calorific Value of Coal and Coke [Calorimeter; CV]
ASTM D6721-15	Standard Test Method for Determination of Chlorine in Coal by Oxidative Hydrolysis Microcoulometry
ISO 1171:2010	Solid Mineral Fuels Determination of Ash [gravimetric]
ISO 16948:2015	Solid Biofuels Determination of total content of carbon, hydrogen and nitrogen
ISO 16994: 2016	Solid Biofuels Determination of total content of Sulfur and Chlorine [IR; Infrared Spectrometry; S], [Microcoulometry;Cl]
ISO 17828: 2015	Solid Biofuels Determination of bulk density
ISO 17829: 2015	Solid Biofuels Determination of length and diameter of pellets
ISO 17831-1:2015	Solid Biofuels Determination of mechanical durability of pellets and briquettes
ISO 18122:2015	Solid Biofuels Determination of ash content
ISO 18134-2:2015	Solid Biofuels Determination of Moisture Content – Oven Dry Method [Gravimetric]
ISO 1928:2009	Solid Mineral Fuels Determination of Gross Calorific Value by Bomb Calorimetric Method and Calculation of Net Calorific Value [Calorimeter; CV]
ISO 19579:2006	Solid Mineral Fuels Determination of Sulfur by IR Spectrometry [IR; Infrared Spectrometry; S]
ISO 29541:2010	Solid Mineral Fuels Determination of Total Carbon, Hydrogen and Nitrogen content Instrumental Method [IR; Infrared Spectrometry; C; H; N]
UNI EN 14918:2010 ISO 18125:2017	Solid Biofuels – Determination of Calorific Value [Calorimeter; CV]

Number of Scope Listings: 18



Notes:

The physical sample preparation involving accredited test methods as listed on the scope of accreditation may be performed on location or at offsite SGS locations which are monitored regularly for quality control and quality assurance practices.

Sample preparation by ISO 14780:2017 is performed as part of all solid biofuels methods

ISO/IEC 17025:2017: General Requirements for the Competence of Testing and Calibration Laboratories

RG-MINERAL: SCC Requirements and Guidance for the Accreditation of Mineral Analysis Testing Laboratories

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
Publication on: 2020-09-21