



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

SGS NORTH AMERICA, INC.  
HENDERSON KY  
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Henderson, KY 42420  
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CHEMICAL

Valid To: July 31, 2023

Certificate Number: 3482.03

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this Laboratory to perform the following tests on coal:

<u>Test</u>	<u>Test Method</u>
<b><u>Coal Testing</u></b>	
<b>Preparation:</b>	
Preparing Coal Samples for Analysis	ASTM D2013
<b>Physical/Chemical Properties:</b>	
Hardgrove Grindability Index	ASTM D409
Sulfur in Coal and Coke Using High Temperature Tube Furnace Combustion, Method A	ASTM D4239
Gross Calorific Value of Coal and Coke by Microprocessor Controlled Isoperibol Calorimeters	ASTM D5865
Proximate Analysis of Coal and Coke by Macro Thermogravimetric Analysis (Moisture and Ash)	ASTM D7582
Total Mercury in Coal and Coal Combustion Residues by Direct Combustion Analysis	ASTM D6722
<b>Thermal Evaluation:</b>	
Free Swelling Index for Coal	ASTM D720
Equilibrium Moisture	ASTM D1412
Fusibility of Coal and Coke Ash	ASTM D1857
Moisture in the Analysis Sample of Coal and Coke	ASTM D3173
Ash in the Analysis of Coal and Coke from Coal	ASTM D3174
Volatile Matter in Analysis Sample	ASTM D3175
Moisture in Coal, Total	ASTM D3302



# Accredited Laboratory

A2LA has accredited

**SGS NORTH AMERICA, INC.**

*Henderson, KY*

for technical competence in the field of

**Chemical Testing**

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



Presented this 27<sup>th</sup> day of August 2021.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 3482.03  
Valid to July 31, 2023

*For the tests to which this accreditation applies, please refer to the laboratory's Chemical Scope of Accreditation.*