



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

MCCREATH ANALYTICAL SERVICES, LLC.  
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Gary, IN 46406  
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CHEMICAL

Valid To: October 31, 2020

Certificate Number: 0518.03

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

<u>Test</u>	<u>Test Method</u>
<i>Chemical Properties</i>	
Total Sulfur in Coal and Coke by High Temp Surface Combustion Methods	ASTM D4239
<i>Physical Properties</i>	
Coke – Determination of Mechanical Strength	ISO 556
Coke Reactivity Index (CRI) and Coke Strength after ASTM D5341 Reaction (CSR)	ASTM D5341
Gross Calorific Value of Coal and Coke	ASTM D5865
Proximate Analysis of Coal and Coke by Instrumental Procedures	ASTM D7582
Standard Test Method for Tumbler Test for Coke	ASTM D3402
<i>Sample Preparation</i>	
Preparing Coal Samples for Laboratory Analysis	ASTM D2013
Preparation of Coke Samples for Laboratory Analysis	ASTM D346 (Section 10)

WITHDRAWN



## Accredited Laboratory

A2LA has accredited

**MCCREATH ANALYTICAL SERVICES, LLC.**

*Gary, IN*

for technical competence in the field of

**WITHDRAWN**  
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 28<sup>th</sup> day of January 2019.

A blue ink signature of the Senior Director of Accreditation Services.

Senior Director, Accreditation Services  
For the Accreditation Council  
Certificate Number 0518.03  
Valid to October 31, 2020

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