

## Scope of Accreditation For Cortec Laboratories, Inc.

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In recognition of a successful assessment to ISO/IEC 17025:2005, accreditation is granted to **Cortec Laboratories, Inc.** to perform the following tests:

Accreditation granted through: **August 30, 2019**

### Testing - Mechanical

Technology	Range, when necessary	Methods Used	Product Types	Remarks
Viscosity	(1 to 8M) cP	ASTM D2196	Coatings, Lubricants	(5 to 95) °C
Humidity		ASTM D1735 ASTM D1748 CC-018	Coatings, Lubricants	Ambient conditions vary seasonally
Salt Fog		ASTM B117	Coatings, Lubricants	Ambient conditions vary seasonally
Vapor Inhibiting Ability (VIA)		CC-027	Crystalline, Liquids, VCI Coated Materials, VCI Containing Films	
Immersion Corrosion Testing		ASTM G31 CC-029	Additives, Water Based Corrosion Inhibitors	Ambient to 95°C
Electrochemical Polarization Measurements		CC-030	Water Based Electrolytes	Ambient to 95°C
Electrochemical Impedance Measurements		CC-022	Concrete Samples with Rebar	
Vapor-Phase Rust-Preventing Characteristics of Hydraulic Fluids		ASTM D5534 Mod	Lubricating and Metalworking Fluids	



<b>Technology</b>	<b>Range, when necessary</b>	<b>Methods Used</b>	<b>Product Types</b>	<b>Remarks</b>
Rust- Preventing Characteristics of Inhibited Mineral Oil in the Presence of Water		ASTM D665 Mod	Lubricating and Metalworking Fluids	
Adhesion (Tape)		ASTM D3359	Coatings	
Adhesion (Testers)	(0 to 2 000) psig  (0 to 500) psig	ASTM D4541 (Method B)  ASTM D7234	Coatings	
Corrosion Inhibiting Admixtures for Steel in Concrete by Polarization Resistance in Cementitious Slurries		ASTM G180	Concrete Admixtures	

**Testing - Chemical**

<b>Technology</b>	<b>Range, when necessary</b>	<b>Methods Used</b>	<b>Product Types</b>	<b>Remarks</b>
Fourier Transform Infrared (FTIR)		CC-006	Liquids, Powders, Polymer Films	(400 to 4 000) cm <sup>-1</sup>
Ultra Violet Visible (UV-Vis) Spectroscopy		ASTM E169	Liquids	(190 to 1 100) nm
Flash Point	Ambient to 145°C	ASTM D93	Liquids	

Notes:

- 1) This laboratory offers commercial testing service.
- 2) Mod- Modified Test Method

Approved by: \_\_\_\_\_

R. Douglas Leonard  
Chief Technical Officer

Date: September 22, 2016

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