

Scope of Accreditation For Fauske & Associates, LLC

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In recognition of a successful assessment to ISO/IEC 17025:2005, accreditation is granted to **Fauske & Associates, LLC**, to perform the following tests:

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

Testing – Chemical

Thermal Hazards

Technology	Range, when necessary	Methods Used	Product Types	Remarks
Accelerating Rate Calorimetry		ASTM E1981	Chemicals	
Advanced Reactive System Screening (ARSST)		ARSST SOP	Chemicals	
Differential Scanning Calorimetry (DSC)		ASTM E537	Chemicals, Metals	
Thermal Activity Monitor		TAM SOP	Chemicals	
VSP2		VSP2 SOP	Chemicals	

Testing – Thermal
Combustible Dust Hazards

Technology	Range, when necessary	Methods Used	Product Types	Remarks
Rate of Pressure Rise	20-L	ASTM E1226 EN 14034-1 EN 14034-2 Explosion Severity For Combustible Dusts-Pharma	Combustible Dust	Dust Explosivity
Minimum Explosibility Concentration (MEC)	20-L	ASTM E1515 EN 14034-3 MEC-Pharma	Combustible Dust	
Autoignition Temperature (MIT)		ASTM E1491 EN 50251-2-1 MIT-Pharma	Dust Cloud	
Minimum Ignition Energy (MIE)		ASTM E2019 EN13821 MIE-Pharma	Dust Cloud	
Hot-Surface Ignition Temperature (LIT)		ASTM E2021 EN50281-2-1 LIT-Pharma	Dust	Minimum Dust Layer Ignition Temperature
Limiting Oxygen Concentration (LOC)	20-L	ASTM E2931 EN14034-4 LOC-Pharma	Dust	
Volume and Surface Resistivity		ASTM D257	Dust	
Volume Resistivity		BS 5958 Volume Resistivity-Pharma	Dust	
Charge Relaxation		BS 7506 Powder Relaxation Time - Pharma	Dust	
Ignitability and Burn Rate		UN DOT Div. 4.1 L383 A10 Train Fire-Pharma	Dust	
pH Determination		pH-Pharma	Dust	
Melting Point		Melting Point-Pharma	Dust	
Flammability (Solids)		EC 440 Test A.10	Solids	

Technology	Range, when necessary	Methods Used	Product Types	Remarks
Relative Self-Ignition Temperature for Solids		EC 440 Test A.16	Solids	
Flammability (Contact with Water)		EC 440 Test A.12	Solids	
Drop Weight Impact Sensitivity Test		UN, Series 3, Section 13.5.1 Test 3(a)(ii) EC 440 Test A.14, Part B	Dust	
Friction Sensitivity Test		UN, Series 3, Section 13.5.1 Test 3(b)(i) EC 440 Test A.14, Part C	Dust	

**Testing – Thermal
Flammability Hazards**

Technology	Range, when necessary	Methods Used	Product Types	Remarks
Autoignition Temperature Test (AIT)		ASTM E659 EC 440 A.15	Solid or liquid	
Closed Cup Flash Point		ASTM D3278 ASTM D3828 ASTM D56 ASTM D93 EC 440 Test A.9	Liquid	
Open Cup Flash Point		ASTM D92	Liquid	
Koenen Test		EC 440 Test A.14, Part A	Solid or liquid	
Upper Flammability Limit / Lower Flammability Limit		ASTM E681 ASTM E918	Gas or liquid	
Limiting Oxygen Concentration (LOC)		ASTM E2079	Gas or liquid	
Minimum Ignition Energy (MIE)		ASTM E582	Gas or liquid	

Technology	Range, when necessary	Methods Used	Product Types	Remarks
Ignition Temperature of Plastics		ASTM D1929	Solids	
Temperature Limit of Flammability (LTFL)		ASTM E1232	Liquid or solids	
Oxidizing Properties		EC 440 Test A.17	Solids	
Pyrophoric Properties		EC 440 Test A.13	Liquid or solids	
Vertical Flame Propagation		IEEE-1202 1991 IEEE-1202 2006 UL 1581 NEMA WC 3/ICEA s-19-81	Electrical Cables	
Heat of Combustion		ASTM D240	Liquids or Solids	
Sustained Burning		ASTM D4206 Test L.2 (UN Transport of Dangerous Goods)	Liquids	
Liquid Conductivity		Liquid Conductivity SOP	Liquid	

Notes:

- 1) This laboratory offers commercial testing service

Approved by:



 R. Douglas Leonard
Chief Technical Officer

 Date: June 30, 2016

Re-issued: 6/30/16