PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

Perry Johnson Laboratory Accreditation, Inc. has assessed the Laboratory of:

Stonehouse Process Safety

11 Princess Road, Suite D, Lawrenceville, NJ 08648

(Hereinafter called the Organization) and hereby declares that Organization is accredited in accordance with the recognized International Standard:

ISO/IEC 17025:2017

This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system
(as outlined by the joint ISO-ILAC-IAF Communiqué dated April 2017):

Chemical Testing

(As detailed in the supplement)

Accreditation claims for such testing and/or calibration services shall only be made from addresses referenced within this certificate. This Accreditation is granted subject to the system rules governing the Accreditation referred to above, and the Organization hereby covenants with the Accreditation body's duty to observe and comply with the said rules.

For PJLA:

Tracy Szerszen
President

Initial Accreditation Date:	*Issue Date:*	*Expiration Date:*
November 16, 2021	January 03, 2024	January 31, 2026

Accreditation No.:	*Certificate No.:*
103081	L24-9

Perry Johnson Laboratory Accreditation, Inc. (PJLA)
755 W. Big Beaver, Suite 1325
Troy, Michigan 48084

The validity of this certificate is maintained through ongoing assessments based on a continuous accreditation cycle. The validity of this certificate should be confirmed through the PJLA website: www.pjlabs.com

Certificate of Accreditation: Supplement

Stonehouse Process Safety
11 Princess Road, Suite D, Lawrenceville, NJ 08648
Contact Name: Mr. Kwaku Poku Phone: 609-455-0001

Accreditation is granted to the facility to perform the following testing:

FIELD OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	RANGE (WHERE APPROPRIATE) AND DETECTION LIMIT
Chemical [F]	Dust, Dust Clouds	Explosibility of Dust Clouds	ASTM E1226 20 L sphere device (Go/No-Go, Kst/Pmax)	Up to 20 L
		Minimum Explosible Concentration of Combustible Dusts	ASTM E1515 20 L sphere device MEC	
		Minimum Ignition Energy of a Dust Cloud in Air	ASTM E2019-03	Up to 1.2 L
		Minimum Auto Ignition Temperature of Dust Clouds	ASTM E1491	0.27 L
	Dust, Dust Clouds, Powders	Hot Surface Ignition Temperature of Dust Layers	ASTM E2021-15	Room temperature – 450 °C
		Limiting Oxygen (Oxidant) Concentration of Combustible Dust Clouds	ASTM E2931	< 21 % O_2
		Powder Volume Resistivity	ASTM D257	>0.001 Ω-cm
		Powder Chargeability	SPS SOP 9	>0.000 1 C/kg
		Surface Resistivity	ASTM D257	>0.001 Ω /square-
		Ignitability of solids (Burn/ Burn rate)	ASTM-D 635 – 03	Burn to 100 mm
		UN/DoT Self-heating substances of Division 4.2	EPA 1050 Part C	100 °C to 600 °C
		Autoignition Testing as per Grewer	VDI 2263	Room temperature to 350 °C
	Petroleum Products	Pensky-Martens Flashpoint	ASTM D93 Pensky-Martens Tester	40 °C to 370 °C
	Solid Materials	Charge Decay	MIL-STD-3010C	Voltage: ~5 000 V Time: < 1 hour
		Breakdown Voltage	ASTM D3755	≤ 20 000 V
		Electrostatic discharge (Charge transfer)	IEC 60079-0 and IEC/TS 60079-32-1	0 to -168.4nC
	Liquid Materials	Conductivity	ASTM D4308	12.5 to 1.25 x 10^6 pS/m

1. The presence of a superscript F means that the laboratory performs testing of the indicated parameter at its fixed location.