



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:

November 16, 2021

Issue Date:

November 16, 2021

Expiration Date:

January 31, 2024

Accreditation No.:

103081

Certificate No.:

L21-692

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.pjilabs.com*



Certificate of Accreditation: Supplement

Stonehouse Process Safety

11 Princess Road, Suite D, Lawrenceville, NJ 08648

Contact Name: 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 1C/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 Greiner	VDI 2263	Room temperature to 350 °C
	Petroleum Products	Pensky-Martens Flashpoint	ASTM D93 Pensky-Martens Tester	40 °C to 370 °C

1. The presence of a superscript F means that the laboratory performs testing of the indicated parameter at its fixed location. Example: Outside Micrometer^F would mean that the laboratory performs this testing at its fixed location.