



# PERRY JOHNSON LABORATORY ACCREDITATION, INC.

## *Certificate of Accreditation*

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

### ***MX Industrial Distributors Inc.***

***181 Railroad Drive, Ivyland, PA 18974***

*and hereby declares that the Organization is accredited in accordance with  
the recognized International Standard:*

### **ISO/IEC 17025:2017 & meets the requirements of ANSI Z540-1**

Whereby, technical competence has been confirmed for the associated scope supplement, in the fields of:

***Electrical, Mechanical, Thermodynamics, Time & Frequency, and  
Optical Calibrations  
(As detailed in the supplement)***

Accreditation claims for conformity assessment activities shall only be made from the addresses referenced within this certificate and shall apply solely to those activities identified in the related scope. This Accreditation is granted subject to the Accreditation Body rules governing the Accreditation referred to above, and the Organization hereby commits to observing and complying with those rules in their entirety.

For PJLA:

Tracy Szerszen  
President

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

*Initial Accreditation Date:*

August 22, 2014

*Issue Date:*

March 29, 2025

*Expiration Date:*

May 31, 2027

*Accreditation No.:*

67619

*Certificate No.:*

L25-252

*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.pjllabs.com](http://www.pjllabs.com)*



## Certificate of Accreditation: Supplement

### MX Industrial Distributors Inc.

181 Railroad Drive, Ivyland, PA 18974

Contact Name: Brett Kendall, V.P. Phone: 215-322-8909

*Accreditation is granted to the facility to perform the following conformity assessment activities:*

FIELD OF CALIBRATION	MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE (AND SPECIFICATION WHERE APPROPRIATE)	CALIBRATION AND MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY ( $\pm$ )	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED	CALIBRATION MEASUREMENT METHOD OR PROCEDURES USED	LOCATION OF ACTIVITY
Electrical	Magnetic Particle Inspection Equipment (Current)	20 A to 10 000 A	0.14 % of reading	Fluke 289 w/ Shunt	WI: ASTM E1444 & E709	F, O
Electrical	Magnetic Particle Inspection Equipment (Current) (AC, HWDC, FWDC)	10 000 A to 20 000 A	0.15 % of reading	Fluke 289 w/ Shunt	WI: ASTM E1444 & E709	F, O
Electrical	DC Voltage	100 mV to 1 V	0.10 % of reading	HP 6920B Fluke 92B	WI: SOP-053	F
Electrical	DC Voltage	1 V to 10 V	0.10 % of reading	HP 6920B Fluke 92B	WI: SOP-053	F
Electrical	DC Voltage	10 V to 100 V	0.10 % of reading	HP 6920B Fluke 92B	WI: SOP-053	F
Electrical	DC Voltage	100 V to 1 000 V	0.20 % of reading	HP 6920B Fluke 92B	WI: SOP-053	F
Electrical	DC Gauss Measuring Equipment	Up to 20 G	0.18 G	MXFI20 Gauss Fixture	WI: SOP-042	F, O
Electrical	DC Gauss Measuring Equipment	1 G to 289.3 G	4 % of reading	VA-070A Magnet SHT-6	WI: SOP-043	F
Time & Frequency	Timers	0.15 s to 60 s	0.03 s	S-1 Timer	WI: SOP-055	F
Time & Frequency	Timers	60 s to 3 599 s	0.06 s	GraLab 300	WI: SOP-055	F
Time & Frequency	Magnetic Particle Inspection Equipment (Time)	0.15 s to 9 s	0.03 s	ATS-20B-Timer	WI: SOP-050	F, O
Mechanical	Yokes – Magnetic Lift	10 lb to 50 lb	3 oz	Parker TB-10 weights	ASTM E1444 & E709	F, O
Mechanical	Pressure Gauges	1 psig to 100 psig	0.09 psig	WIKA, USG	WI: SOP-060	F, O
Mechanical	Liquid Penetrant Inspection Equipment (Pressure)	1 psig to 100 psig	3.9 % of reading	WIKA USG, Fluke 51, Atkins 33033;	WI: ASTM E1417	F, O
Thermodynamics	K-Type Thermocouple, Temperature Probes and Thermometers	32 °F to 2 000 °F	2.0 °F	Fluke 51 Temperature Chamber	WL: SOP-056	F, O



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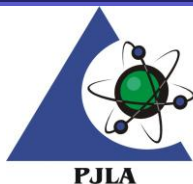
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Thermodynamic	Liquid Penetrant Inspection Equipment (Temperature)	32 °F to 200 °F	0.7 °F	WIKA USG, Fluke 51, Atkins 33033;	WI: ASTM E1417	F, O
Optical	Equipment to Measure Irradiance (Ultraviolet Light) (320 nm to 380 nm)	1 $\mu$ W/cm to 9 999 $\mu$ W/cm	2.1 % of reading	Spectro-UV XR-1000, XDS-1000	WI: SOP-052A	F
Optical	Equipment to Measure Irradiance (Ultraviolet Light) (320 nm to 380 nm)	10 $\mu$ W/cm to 19 990 $\mu$ W/cm <sup>2</sup>	2.1 % of reading	Spectronics DIX-365A, DSE-100X	WI: SOP-052A	F
Optical	Equipment to Measure Illuminance (Visible Light) (380 nm to 760 nm)	0.1 fc to 199.9 fc	2.2 % of reading	Spectronics DIX-555A DSE-100X	WI: SOP-052A	F
Optical	Equipment to Measure Illuminance (Visible Light) (380 nm to 760 nm)	0.1 fc to 500 fc	1.3 % of reading	Spectronics-UV XR-1000, XDS-1000	WI: SOP-047	F
Optical	Equipment to Measure Illuminance (Visible Light) (380 nm to 760 nm)	0.1 fc to 199.9 fc	2.7 % of reading	Extech 401025	WI: SOP-047	F
Optical	Equipment to Measure Illuminance (Visible Light) (380 nm to 760 nm)	200 fc to 2 000 fc	3.1 % of reading	Extech 401025	WI: SOP-047	F
Optical	Equipment to Measure Luminance (Visible Light) (380 nm to 760 nm)	100 fL to 34 000 fL	2.8 % of reading	Gould-Bass DLM-1500	WI: SOP-048	F



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*Accreditation is granted to the facility to perform the following conformity assessment activities:*

1. The CMC (Calibration and Measurement Capability) stated for calibrations included on this scope of accreditation represents the smallest measurement uncertainty attainable by the laboratory when performing a more or less routine calibration of a nearly ideal device under nearly ideal conditions. It is typically expressed at a confidence level of 95 % using a coverage factor  $k$  (usually equal to 2). The actual measurement uncertainty associated with a specific calibration performed by the laboratory will typically be larger than the CMC for the same calibration since capability and performance of the device being calibrated and the conditions related to the calibration may reasonably be expected to deviate from ideal to some degree.
2. The laboratories range of calibration capability for all disciplines for which they are accredited is the interval from the smallest calibrated standard to the largest calibrated standard used in performing the calibration. The low end of this range must be an attainable value for which the laboratory has or has access to the standard referenced. Verification of an indicated value of zero in the absence of a standard is common practice in the procedure for many calibrations but by its definition it does not constitute calibration of zero capacity.
3. Location of activity:

Location Code	Location
F	Conformity assessment activity is performed at the CABs fixed facility
O	Conformity assessment activity is performed onsite at the CABs customer location
4. Measurement uncertainties obtained for calibrations performed at customer sites can be expected to be larger than the measurement uncertainties obtained at the laboratories fixed location for similar calibrations. This is due to the effects of transportation of the standards and equipment and upon environmental conditions at the customer site which are typically not controlled as closely as at the laboratories fixed location.