



# PERRY JOHNSON LABORATORY ACCREDITATION, INC.

## Certificate of Accreditation

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

***Millennium Precision, LLC  
Db a Data Point Technologies, LLC  
1200 Woodruff Road, Suite A-16, Greenville, SC 29607***

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

**ISO/IEC 17025:2005**

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 January 2009):

***Mechanical, Non-Destructive, Environmental Testing and  
Dimensional Inspection  
(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/Operations Manager

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

*Initial Accreditation Date:*

September 5, 2006

*Revision Date:*

August 19, 2016

*Issue Date:*

March 11, 2015

*Accreditation No.:*

59375

*Expiration Date:*

February 28, 2017

*Certificate No.:*

L15-76-R1

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



# Certificate of Accreditation: Supplement

**Millennium Precision, LLC**  
**dba Data Point Technologies, LLC**  
 1200 Woodruff Road, Suite A-16, Greenville, SC 29607  
 Contact Name: David Gray Phone: 864-284-6262

*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	
Mechanical <sup>F</sup>	Airbags and Interior Automotive Systems	Airbag Testing (Environmental)	Manufacturer's Specifications	Pass/Fail	
			BMW PR 7 007 983	<u>Chamber 1</u> 9'D x 8.5'W x 8'H with a 7'4"W Door -60 °C to 85 °C	
	Customer Supplied Products (Plastic, Metal, Ceramic, Glass, etc.)	Tensile Testing	ASTM E8, A370, B557, EN895, EN10002, ISO 527-1, ISO 527-3	1 N to 5 kN	
			Cross Hatch	ASTM D3359-02, GS 97051	1 % to 100 %
			Surface Energy	ISO 296, DIN 53364	36 mN/m to 53 mN/m
			Bulk Density	ASTM 1895	Per Method
			Flow Rate (Powder)	ASTM 1895	Per Method
			Paint Flow	Customer Specification	Per Method
			Particle Size Analysis	ASTM 1921	1 µm to 300 µm
			Paint Thickness	GS97051	10 µm to 100 µm
Plastic, Foam, Fabric	Flammability	FMVSS 302 49 CFR 571.302 GMW 3232 BMW GS97038 DIN 75200 VW TL1010	Per Method		
Paint, Plastics, and Laminates	Color	C.I.E. L*A*B* SAE J1545	Per Method		
Non-Destructive <sup>F</sup>	Automatic Suppression System	Occupancy Testing	49 CFR 571.208 (S19 & S20)	5 <sup>th</sup> -percentile adult female & 49 CFR part 572 subpart R 12-month-old CRABI child dummy	
Environmental <sup>F</sup>	Customer Supplied Products (Plastic, Metal, Ceramic, Glass, etc.)	Temperature & Humidity Cycling (Environmental)	BMW PR 303.5, Ford FLTM BQ 104-7: Method 2 GMW 14124 Cycles: H, M, N, P, & S	Chamber 1 9'D x 8.5'W x 8'H with a 7'4"W Door -60 °C to 85 °C	



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Environmental <sup>F</sup>	Customer Supplied Products (Plastic, Metal, Ceramic, Glass, etc.)	Temperature & Humidity Cycling (Environmental)	BMW PR 303.5, Ford FLTM BQ 104-7: Method 2 GMW 14124 Cycles: H, M, N, P, & S	Chamber 2 9'D x 6.5'W x 8'H with a 4'W Door -68 °C to 85 °C 20% to 95% RH
			BMW PR 303.5, Ford FLTM BQ 104-7: Method 2 GMW 14124 Cycles: H, M, N, P, & S	Chamber 3 16'D x 9'W x 9.5'H with a 5'W Door -68 °C to 85 °C 20% to 95% RH
			BMW PR 308.2: 2006, BMW PR 303.5, Ford FLTM BQ 104-7: Method 2 GMW 14124 Cycles: H, M, N, P, & S	Chamber 4 8'D x 8'W x 6.5'H with an 8'W Door -60 °C to 177 °C 15 % RH to 95 % RH
			BMW PR 308.2: 2006, BMW PR 303.5, Ford FLTM BQ 104-7: Method 2 GMW 14124 Cycles: H, M, N, P, & S	Chamber 5 9'D x 18'W x 10'H with an 8'W Door -45 °C to 93 °C 10 % RH to 95 % RH
		Sun Simulation	BMW PR 306.5	Chamber 5 9'D x 18'W x 10'H with an 8'W Door -45 °C to 93 °C 10 % RH to 95 % RH
	Customer Supplied Products (Metal)	Salt Fog	ASTM B117 ISO 9227	2.5'D x 3.75'W x 3.25'H Chamber
Dimensional Inspection <sup>F</sup>	Customer Supplied Products (Plastic, Metal, Ceramic, Glass, etc.)	Coordinate Measuring (Contact Measuring) – Wenzel X-Orbit Maximum Sample Size: 110 cm x 150 cm x 70 cm	Manufacturer's Specification, Manufacturer's Software (Open DMIS software)	14 μin (0.35 μm)
		Roundness Measuring (Contact Measuring) – Mahr MMQ 40	Manufacturer's Specification, Manufacturer's Software, Mahr Roundness	4 μin (0.1 μm)
		Surface Finish Measuring (Contact Measuring)	Manufacturer's Specification, Manufacturer's Software	2 μin (0.05 μm)



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Dimensional Inspection <sup>F</sup>	Customer Supplied Products (Plastic, Metal, Ceramic, Glass, etc.)	Surface Finish Measuring (Contact Measuring)	Manufacturer's Specification, Manufacturer's Software	2 μin (0.05 μm)
		Coordinate Measuring (Non-contact) OGP Vision System Flash 500/200 systems maximum size 46 cm x 51 cm x 21 cm	Manufacturer's Specification, Manufacturer's Software (Measuremind 3D) Flash 500/200 systems	14 μin (0.35 μm)
		Optical Comparator System (Non-contact) OGP Focus Comparator (36 cm screen)	Manufacturer's Specification, Manufacturer's Software (Smart Check) OGP Focus Comparator 36 cm	10 μin (1 μm)

- The presence of a superscript F means that the laboratory performs testing of the indicated parameter at its fixed location. Example: Outside Micrometer<sup>F</sup> would mean that the laboratory performs this testing at its fixed location.