PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

Reef Tool & Gage Company, Inc.

44800 Macomb Industrial Drive, Clinton Township, MI 48036

(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):

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

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

Initial Accreditation Date:	*Issue Date:*	*Expiration Date:*
November 6, 2010	May 2, 2021	May 2, 2023

Accreditation No.:	*Certificate No.:*
66168	L21-290

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

Reef Tool & Gage Company, Inc.

44800 Macomb Industrial Drive, Clinton Township, MI 48036
Contact Name: Tom Morck Phone: 586-468-3000

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
Dimensional Inspection [F]	Gages	Snap Gages	Comparison to Gage Blocks with Indicator	0.05 in to 24 in (31 + 4L) µin [1.5 mm to 600mm] [(8 + 0.79L) µm]
		Flatness & Parallelism	Indicator	2 in to 36 in (37.5 + 1L) µin [50 mm to 950 mm] [(0.95 + 0.025L) µm]
		Length	Comparison to Gage Blocks with Indicator	0.1 in to 36 in (29.3 + 4L) µin [2 mm to 950 mm] [(0.74 + 0.025L) µm]
		Cylindrical	Comparison to Gage Blocks with Amplifier	0.1 in to 24 in (30.0 + 4L) µin [2 mm to 600 mm] [(0.76 + 0.1L) µm]
		Pins and Plugs	Comparison to Gage Blocks with Amplifier	0.1 in to 8 in (30.0 + 4L) µin [2 mm to 200 mm] [(0.76 + 0.1L) µm]
		Ring Gages & Master Rings Gages	Comparison to Gage Blocks with ID Comparator	0.25 in to 12 in (23.7 + 4.8L) µin [6 mm to 300 mm] [(0.6 + 0.12L) µm]

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.