

A.A. Jansson, Inc.

2070 Airport Rd

Waterford, MI 48327

Phone No. 248-674-4811 - Fax No. 248-674-1234

Certificate of Calibration



Calibration
CERT.#1182.01

Web page: www.aajansson.com

Company: STARRAG-HECKERT, INC.
Address: 2379 PROGRESS DRIVE
HEBRON, KY 41048
Contact: JASON NOBLE
Dept: 46498-1

Doc #: 89676
Calibration Date: 2/24/2017
PO/Acct: 17-40007-2
Page: 1 of 2
Visual Condition: GOOD
Date Received:

Gage Type: ELECTRONIC LEVEL
Mfg: WYLER
Procedure: AAJ CP-41.0

Cert #: STAG1542
Model: NIVELTRONIX 54-800-000-0
Serial #: G1542

+ / - Tolerances: 1.000% / 1.000%

Graph Scale: +0.000010

RANGE I - PLUS

Nominal	Actual	Deviation	-20	-15	-10	-5	0	5	10	15	20
			T	+	+	+	+	0	+	+	+
+0.000000	+0.000000	+0.000000	.	.	.	.	(	.	.	.	.
+0.002500	+0.002500	+0.000000	.	.	.	.	(	.	.	.	.
+0.005000	+0.005000	+0.000000	.	.	.	.	(	.	.	.	.
+0.007500	+0.007500	+0.000000	.	.	.	.	(	.	.	.	.

Measurement Uncertainty: ± 5 ARC SECONDS

+ / - Tolerances: 1.000% / 1.000%

Graph Scale: +0.000010

RANGE I - MINUS

Nominal	Actual	Deviation	-20	-15	-10	-5	0	5	10	15	20
			T	+	+	+	+	0	+	+	+
+0.000000	+0.000000	+0.000000	.	.	.	.	(	.	.	.	.
+0.002500	+0.002500	+0.000000	.	.	.	.	(	.	.	.	.
+0.005000	+0.005000	+0.000000	.	.	.	.	(	.	.	.	.
+0.007500	+0.007500	+0.000000	.	.	.	.	(	.	.	.	.

Measurement Uncertainty: ± 5 ARC SECONDS

+ / - Tolerances: 1.000% / 1.000%

Graph Scale: +0.000001

RANGE II - PLUS

Nominal	Actual	Deviation	-20	-15	-10	-5	0	5	10	15	20
			T	+	+	+	+	0	+	+	+
+0.000000	+0.000000	+0.000000	.	.	.	.	(	.	.	.	.
+0.000500	+0.000500	+0.000000	.	.	.	.	(	.	.	.	.
+0.001000	+0.001000	+0.000000	.	.	.	.	(	.	.	.	.
+0.001500	+0.001500	+0.000000	.	.	.	.	(	.	.	.	.

Measurement Uncertainty: ± 5 ARC SECONDS

+ / - Tolerances: 1.000% / 1.000%

Graph Scale: +0.000001

RANGE II - MINUS

Nominal	Actual	Deviation	-20	-15	-10	-5	0	5	10	15	20
			T	+	+	+	+	0	+	+	+
+0.000000	+0.000000	+0.000000	.	.	.	.	(	.	.	.	.
+0.000500	+0.000500	+0.000000	.	.	.	.	(	.	.	.	.
+0.001000	+0.001000	+0.000000	.	.	.	.	(	.	.	.	.
+0.001500	+0.001500	+0.000000	(.	.	.	.

Measurement Uncertainty: ± 5 ARC SECONDS

Comments:

READINGS ARE AS FOUND

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Comments:

CLEANED, CALIBRATED AND CERTIFIED
DATA IS REPORTED IN INCHES

We certify the equipment used for this calibration is traceable to NIST through one or more of the following numbers:

27124: 24" X 36" SURFACE PLATE

683/283519-13,681/280132-11,821/278168-09,821/279078-10 Cal Date / Due Date: 1/8/2016 -- 2/28/2017

LC-1: LEVEL FIXTURE / AMPLIFIER & PROBE

683/283519-13 Cal Date / Due Date: 12/14/2016 -- 12/14/2017

SP0616: 5" SINE PLATE

683/283519-13,681/280132-11,821/278168-09,821/279078-10,683/2834126-13,683/282428-12 Cal Date / Due Date: 9/12/2016 -- 9/12/2018

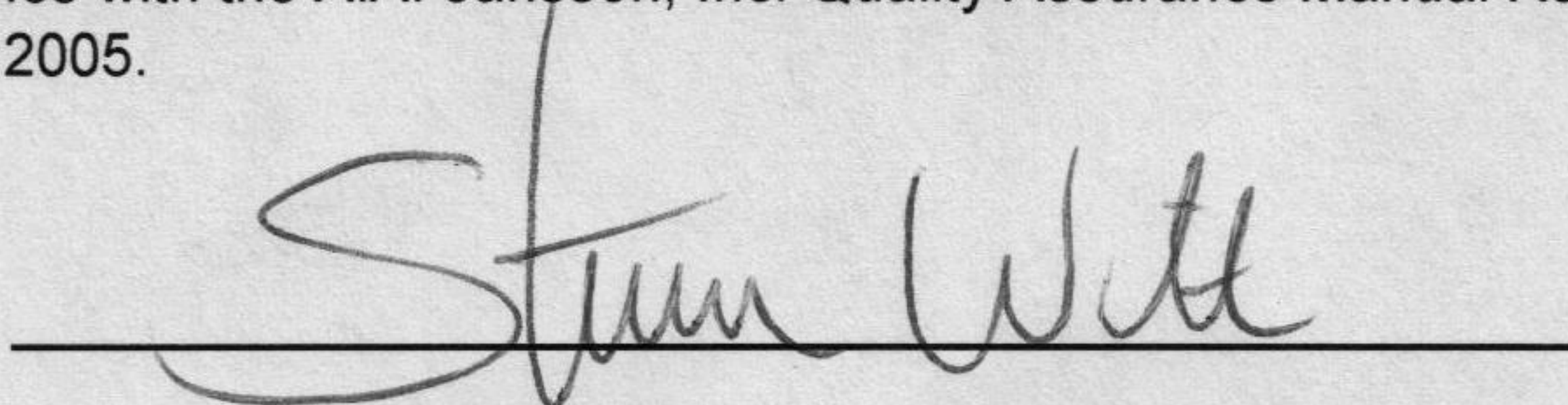
1203: Challenger 81pc. Gage Block Set

683/283519-13 Cal Date / Due Date: 7/7/2016 -- 7/7/2017

Gage Status: PASS

Reported readings taken at 68°F ± 4° F Relative humidity less than 50% unless otherwise noted in comments. Data is "AS FOUND" and item is "USED" unless otherwise noted in comments. Calibration complies to ISO/IEC 17025:2005, ANSI/NCSL Z540-1 requirements. Reported Measurement uncertainties are based upon a 95% confidence level, k=2. This report shall not be reproduced, except in full, without written permission by A.A. Jansson, Inc. Any number of factors may cause the subject of this calibration to drift out of calibration before the recommended interval has expired. A.A. Jansson will not be held responsible for the calibration status of an item whose calibration interval exceeds the actual validity of the calibration. Measurement uncertainty is not taken into account when determining In/Out of tolerance condition. Calibrations performed in accordance with the A.A. Jansson, Inc. Quality Assurance Manual Revision 9, Dated June 3, 2013 which meets the requirements of ISO-17025:2005.

Certified By: Steve Wilt Signature: _____



This certificate is not valid unless all 2 page(s) are present.

Results of this certificate relate only to the item mentioned in document header.

END OF DOCUMENT