

# Surface Plate Certificate of Calibration

**Certificate No.** LM062823696SPJW      **Certificate Issued Date:** 06/28/2023  
**Calibration Date:** 06/28/2023      **Due Date:** 06/2025      **PO#:** 70019362  
**Customer:** LINEAR MEASUREMENT INSTRUMENTS      **Contact:** ALAN BAGGETT  
**Address** 101 N ALLOY DRIVE      810-714-5811  
 FENTON, MI 48430

**Plate Information**

Size (in)      8    X    12  
 Manufacturer STARRETT  
 Serial      202696  
 Customer ID#

**Environmental Conditions**

	Beginning	Ending	Range
Temperature (°F)	72.3	72.7	0.4
Humidity (RH%)	53.4	53.6	0.2

**Flatness and Repeat Reading Tolerance & Accuracy** (all measurements are in inches)

Per ASME B89.3.7-2013      Grade A      Flatness 0.000100      Repeat Reading 0.000060

As Found	High Limit	Uncertainty	TUR	Actual	Pass or Fail	Status	Condition of Plate
Flatness	0.000100	0.000038	2.6:1	0.000038	PASS	Within Tolerance	GOOD
Repeat Reading	0.000060	0.000026	2.3:1	0.000020	PASS	Within Tolerance	GOOD
<b>As Left</b>							
Flatness	0.000100	0.000038	2.6:1	0.000038	PASS	Within Tolerance	GOOD
Repeat Reading	0.000060	0.000026	2.3:1	0.000020	PASS	Within Tolerance	GOOD

**Equipment used in calibration listed below:**

- TS-WF-1 Federal Level System #3829/000663/000548
- TS-WF-1 Rahn Repeat-O-Meter with Mahr Indicator #4459-2
- TS-WF-2 Temperature & Humidity Gage #TEMP-001

The equipment used to calibrate this surface plate is traceable to the National Institute of Standards & Technology. The calibration was performed in accordance with requirements of ISO/IEC 17025:2017 and A.A.J. Calibration Method 11.0 rev. 20 dated 2/14/2023 and Quality Assurance Manual rev. 10 dated 5/29/2020. This certificate may not be copied except in full, without written consent of A.A. Jansson, Inc.. Any number of factors may cause the subject of the 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. Best uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k=2. Per signed order, there is no allowance for measurement uncertainty. Surface Plots available upon request. Calibration Technician: JEREMY WISNIEWSKI

**Comments:**

  
 Authorized By: \_\_\_\_\_  
 Mark Herwick - Service Technician

