

Surface Plate Certificate of Calibration

Certificate No. LM062823338SPJW **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) 18 X 24

Manufacturer STARRETT

Serial 301338

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	0.000055	1.8:1	0.000032	PASS	Within Tolerance	GOOD
Repeat Reading	0.000060	0.000026	2.3:1	0.000020	PASS	Within Tolerance	GOOD
As Left							
Flatness	0.000100	0.000055	1.8:1	0.000032	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

