

# Certificate of Calibration

Certificate #: 2377803



**Calibration Performed By:**  
MARTIN CALIBRATION, INC.  
11965 12TH AVENUE SOUTH  
BURNSVILLE, MN 55337

**For:**  
METRO MOLD & DESIGN, LLC  
20600 COUNTY RD 81  
ROGERS, MN 55374

Serial Number: PL100  
Description: SURFACE PLATE, GRANITE 48X72 GRADE A  
Manufacturer: ROCK OF AGES  
Type: GRANITE  
Size: 48X72 INCH  
Temp./RH: 68 F / 28 %

Gage I.D.: PL100  
Performed By: DAVE ROBINSON  
Procedure: SCP-150-0029  
Cal Date: 17 Jan 2020  
Due Date: 31 Jan 2022

Actual Measured Values Found to Be:  
**WITHIN NOMINAL TOLERANCE**

Comments: Calibration performed onsite.

## Test Points

Description	Nominal	Tolerance -	Tolerance +	As Found	Final	Unit
Total Flatness	0.000000	0.000000	0.000700	0.000460	0.000460	in
Repeatability	0.000000	0.000000	0.000080	0.000060	0.000060	in

Decision Rule applied: Simple Acceptance; statements of compliance to specifications do not consider measurement uncertainty.

## Standards Used To Calibrate Equipment:

Serial Number	Gage ID	Manufacturer	Model	Last Calibration	Due for Calibration
11110325	MI-150-223	MAHR FEDERAL	SUPRAMESS	16 Jul 2019	31 Jul 2020
MI-150-049	MI-150-049	OPTODYNE	LDDM 111	30 Aug 2019	31 Aug 2020

Uncertainty in measurement: Flatness:  $(25 + 2.9L) + (\text{Temp. Deviation from } 68^\circ\text{F} \times 4.1L) \mu\text{in}$   
Repeatability: 23  $\mu\text{in}$

REFERENCE: GGG-P-463C

The above instrument was calibrated by standards traceable to the International System of Units (SI) through the National Institute of Standards & Technology (NIST) or other National Measurement Institute (NMI) per the guidelines specified in the latest revisions of ANSI/NCIS Z540-1 and ISO/IEC 17025. All measurement uncertainties calculated at a 95% Confidence Level ( $k=2$ ). All test points have a Test Uncertainty Ratio (TUR) of 4:1 or better unless otherwise noted. The results indicated on this certificate relate only to the items calibrated. This certificate shall not be reproduced, except in full, without the written approval of Martin Calibration. Martin Calibration's responsibility shall in no event, nor for any cause whatsoever, exceed the purchase price of this certificate.

Quality Assurance Representative:

