

CALIBRATION CERTIFICATE



Issued to:
Starrag USA Inc
Hebron, KY
PO# 17-40045

Calibrated per:
Federal Specification GGG-P-463c
or Manufacturer's Specifications
Complies with:
ANSI/NCSL Z540-1, ISO 10012, ISO/IEC 17025
and former MIL-STD-45662A

Date of Calibration August 10, 2017
Size 24" x 24" x 4" 5-Face
Serial Number PL-10-12
Calib. Test Number P 14109 Procedure Code 2MS

Calibration results shown relate only to the item on this certificate.
Master Square

		Surface Accuracy			
Certified to Inspection Grade A	90°	±.	<u>000050"/6"</u>		
As found tolerance		.	<u>000225"</u>		
Calibration Due Date	<u>August 10, 2018</u>				Calibrated <u>X</u>
Top <u>70</u> °F	Bottom <u>70</u> °F	<u>50</u> %	Resurfaced <u> </u>		
Surface Temperatures		Humidity			

Test Equipment	Asset # / Serial #	Cert #	Cal Due Date	Total Uncertainty
Autocollimator	1617-30 / 125153	50298.002	6/8/2018	13 µin
Mirror	1617-116 / 217	51125.003	7/8/2018	The uncertainty listed, unless noted, is the total expanded process uncertainty consisting of both random and systematic components and employing a coverage factor of k=2 and a 95% confidence. All accuracies are as indicated with no change due to the Uncertainty.
Mirror Penta Prism	1617-28 / 104	50298.006	6/8/2018	
Electronic Amp	1617-92 / 1101	50298.012	6/8/2018	
Indicator/Squarol	1617-34 / 5C02297	28545-2	7/8/2018	
Surface Plate	1617-26 / 682	S112405.3	6/27/2018	
Temp-Hum Gage	1617-51 / 16231176	R200/01182017	6/8/2018	
Temp/IR	1617-202 / N/A	50336.015	7/8/2018	

STANDARDS EMPLOYED ARE CALIBRATED AND TRACEABLE TO NIST
OR EQUIVALENT NATIONAL OR INTERNATIONAL ORGANIZATION

Calibration test
completed at: Precision Granite USA Inc.
Santa Fe Springs, CA

PRECISION GRANITE USA INC
Sony DeLeon
Approved by Calibration Technician