



Nationwide Gage Calibration Inc.
Certificate of Calibration



CALIBRATION CERT #0000.00



Accredited Certificate

ABC Company
 1234 Happy Lane
 Bloomingdale, IL 60108

Date Calibrated: 8/20/2008
 Date Due: 8/20/2009

Purchase Order # 123456789

Test # 08-54321-1

Instrument: Mitutoyo 0 - 12" Dial Caliper
 Serial #: 3005758
 Accuracy: Manufacturer's Specifications

Model #: 505-628-50
 Gage ID #: 060-506

In Lab Cal

In Field Cal

Calibration Results

Test Point	Function/Direction	Tolerance	As Found	Deviation	As Left	Deviation
1.0000	Outside Diameter	± .002"	1.0000	0.00000	1.0000	0.00000
6.0000	Outside Diameter	± .002"	6.0000	0.00000	6.0000	0.00000
12.0000	Outside Diameter	± .002"	12.0000	0.00000	12.0000	0.00000
1.0000	Inside Diameter	± .002"	0.9990	-0.00100	0.9990	-0.00100
6.0000	Inside Diameter	± .002"	5.9990	-0.00100	5.9990	-0.00100
12.0000	Inside Diameter	± .002"	11.9990	-0.00100	11.9990	-0.00100
1.0000	Depth	± .002"	1.0000	0.00000	1.0000	0.00000
12.0000	Depth	± .002"	12.0000	0.00000	12.0000	0.00000
6.0000	Step	± .002"	6.0000	0.00000	6.0000	0.00000

Results in **Bold** = Out of Tolerance

Calibration Procedure(s) CAL-11-VC110

Calibration Measurement Uncertainty (k=2 @ 95%): ± 0.00138301 inches

Calibration Environmental Conditions: Start Temp: 68.7°F 44% R.H. / Finish Temp: 68.9°F 45% R.H.

Technical Remarks:

We hereby certify that this instrument has been tested with standards & equipment calibrated with traceability to the National Institute of Standards & Technology (N.I.S.T.). The determination of accuracy (observational & mechanical error) is dependent upon the condition of the instrument being calibrated. The results are only applicable for the date of calibration noted. The instrument under test, above, was calibrated in accordance with customer supplied requirements. NGC's calibration procedures, international, federal, national, third party or manufacturer's specifications may be used as reference as may be applicable. All calibrated instruments are processed under the NGC Quality Management System and in accordance with ISO/IEC 17025:2005 and ANSI/NCSL Z540-1-1994. This certificate shall not be reproduced without the written consent of Nationwide Gage Calibration Inc.

Calibration Standards

Gage ID #	Standard	Traceability #	Date Calibrated	Date Due
A1	Gage Block Set	07-A1	1/4/2008	1/4/2009
K3	Surface Plate	07-K3	8/3/2008	8/3/2009
R1	Caliper Master	07-R1	3/7/2008	3/7/2009
M1	Gage Block Set	07-M1	1/3/2008	1/3/2009

Technician: _____
 Technician

Approved By: _____
 Lab Director

