

**CERTIFICATE OF CALIBRATION**

Shamrock Automation, Inc.  
320 Industrial Park Road  
Harrison AR 72601

Job #: \_\_\_\_\_  
Report #: 040217-1  
Page: 2 of 2

Gage: D\_\_ (30210000) DA\_\_ (30210001) DS\_\_ (30210016) DSA\_\_ (30210015) Customer #: \_\_\_\_\_  
Gage Desc.: 0-100T\_\_\_\_ 100T-3000T\_\_\_\_ Tie Bar Strain Gage Calibration Date: \_\_\_\_\_  
Manufacturer: Shamrock Automation, Inc. Next Calibration Due: \_\_\_\_\_  
Serial#: \_\_\_\_\_

Received Condition: In Tolerance \_\_\_\_\_ Returned Condition: Not Repaired \_\_\_\_\_  
Out of Tolerance \_\_\_\_\_ In Tolerance \_\_\_\_\_

This certifies the above Tie Bar Strain Gage was manufactured with an indicator complying with ANSI Standard B89.1.10M-1987, and that calibration was performed with indicators whose accuracies are traceable to NIST Standards. Results shall not be reproduced except in full.

<u>Test Indicator</u>	<u>Cal. Date</u>	<u>Due Date</u>	<u>Measurement uncertainty</u>
Ser.#: 040475775	03-21-12	03-20-13	+/- .0001 of indicator reading
Ser.#: 040475776	03-21-12	03-20-13	

Results:

		<b>BEFORE</b>			
		Stressed		Relaxed	
<u>Units</u>	<u>Standard</u>	<u>Actual</u>	<u>Standard</u>	<u>Actual</u>	<u>Actual</u>
.0001	.0020	_____	0	_____	_____
	.0040	_____	0	_____	_____
	.0060	_____	0	_____	_____
	.0080	_____	0	_____	_____
	.0100	_____	0	_____	_____

Tolerance at 10,000 PSI on Tie Bar

+/- .0005 stressed  
+/- .0005 relaxed

		<b>AFTER</b>			
		Stressed		Relaxed	
	<u>Standard</u>	<u>Actual</u>	<u>Standard</u>	<u>Actual</u>	<u>Actual</u>
	.0020	_____	0	_____	_____
	.0040	_____	0	_____	_____
	.0060	_____	0	_____	_____
	.0080	_____	0	_____	_____
	.0100	_____	0	_____	_____

Comments: Environmental Conditions during Calibration: \_\_\_\_\_ F., \_\_\_\_\_ % RH,  
Test Equipment is temperature compensated at time of Calibration.

\_\_\_\_\_  
Calibration Technician