

Certificate of Calibration

Customer: Powertek USA
7 3rd Street
Holbrook, NY 11741
631-615-6279

P.O. Number: 722668
ID Number: 15053844

Description: DC CURRENT TRANSDUCER
Manufacturer: Powertek/OHIO
Model Number: CTG-252EES
Serial Number: 15053844
Technician: DALE PAULUS

Calibration Date: 05/28/2015
Calibration Due: 05/28/2016
Procedure: OHIO SEMI CTG
Rev: 3/21/2006
Temperature: 71 F
Humidity: 38 % RH
As Found Condition: IN TOLERANCE
Calibration Results: IN TOLERANCE

On-Site Calibration:
Comments:

Limiting Attribute:

This instrument has been calibrated using standards traceable to the National Institute of Standards and Technology, derived from natural physical constants, ratio measurements or compared to consensus standards. Unless otherwise noted, the method of calibration is direct comparison to a known standard.

Reported uncertainties are expressed as expanded uncertainty values at an approximately 95% confidence level using a coverage factor of K=2. Statements of compliance are based on test results falling within specified limits with no reduction by the uncertainty of the measurement.

TMI's Quality System is accredited to ISO/IEC 17025 and ANSI/NCSL Z540-1 by A2LA. ISO/IEC 17025 is written in a language relevant to laboratory operations, meeting the principles of ISO 9001 and aligned with its pertinent requirements. This calibration is within the current A2LA Scope of Accreditation and complies with the requirements of ISO/IEC 17025.

Results contained in this document relate only to the item calibrated. Calibration due dates appearing on the certificate or label are determined by the client for administrative purposes and do not imply continued conformance to specifications.

This certificate shall not be reproduced, except in full, without the written permission of Technical Maintenance, Inc.

DALE PAULUS, BRANCH MANAGER

JACK SHULER, QUALITY MANAGER

Calibration Standards

Asset Number	Manufacturer	Model Number	Date Calibrated	Cal Due
3553	EMPRO	3000AMP/100.321MV	9/29/2014	9/29/2015
2044016	FLUKE	8845A	1/12/2015	1/12/2016



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INSTRUMENT DATA SHEET

Asset Number: 15053844
Date Tested: 5-28-15

Customer: Powertek USA

Read std (mVDC)	ADC thru std	Read UUT (VDC)	ADC thru UUT window	Tolerance	% error	Pass/Fail
0.0010	0.0299	-0.0150	-3.7402	± 0.500%	-0.1532	Pass
27.8852	833.8793	10.0013	2500.3150	± 0.500%	0.0529	Pass
22.2881	666.5035	8.0081	2002.0269	± 0.500%	0.1007	Pass
16.7165	499.8904	6.0110	1502.7592	± 0.500%	0.1235	Pass
11.1631	333.8214	4.0162	1004.0543	± 0.500%	0.1036	Pass
5.5710	166.5952	2.0103	502.5802	± 0.500%	0.1118	Pass
-27.8809	-833.7507	-10.0341	-2508.5185	± 0.500%	-0.2907	Pass
-22.2933	-666.6590	-8.0319	-2007.9817	± 0.500%	-0.3202	Pass
.167275	-500.2193	-6.0302	-1507.5534	± 0.500%	-0.2758	Pass
-11.1544	-333.5613	-4.0251	-1006.2766	± 0.500%	-0.2235	Pass
-15.5809	-166.8913	-2.0222	-505.5571	± 0.500%	-0.1953	Pass
0.0011	0.0329	-0.0151	-3.7806	± 0.500%	-0.1552	Pass