



CALIBRATION REPORT

PO #

AUGUST 9, 2011

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MANUFACTURER: OHM-LABS, INC.
 DESCRIPTION: CURRENT SHUNT
 MODEL: CS-50
 SERIAL:

PROCEDURE: CS CAL
 LAB ENVIRONMENT: 23 °C / 48 %RH
 CALIBRATION DATE: 09/AUG/2011
 CALIBRATION DUE:

<u>APPLIED CURRENT</u>	<u>MEASURED DATA</u>	<u>UNCERTAINTY</u>
12.5 AMPS	9.999 927 mΩ	1.9 μΩ/Ω
25	9.999 972	2.6
38	9.999 947	7.6
50	9.999 786	6.8

NOTE: SHUNT WAS ALLOWED TO FULLY STABILIZE AT EACH APPLIED CURRENT.

<u>STANDARDS USED</u>			
<u>ID</u>	<u>Description</u>	<u>Make & Model</u>	<u>Cal Due</u>
AS3012	RESISTANCE STANDARD	OHM-LABS 201	31/AUG/2011
AS3400	RESISTANCE BRIDGE	GUILDLINE 9975	09/FEB/2012
AS3405	RANGE EXTENDER	GUILDLINE 9923	CAL NR

COMMENTS:

OHM-LABS, INC. CERTIFIES THAT THIS CALIBRATION IS TRACEABLE TO A RECOGNIZED NATIONAL MEASUREMENT INSTITUTE, OR DERIVED BY A RATIO TYPE SELF-CALIBRATION TECHNIQUE, AND IS ACCREDITED TO ISO/IEC 17025. OHM-LABS' QUALITY CONTROL SYSTEM MEETS THE REQUIREMENTS OF ANSI/NC SL Z540-1-1994. THE REPORTED UNCERTAINTIES REPRESENT EXPANDED UNCERTAINTIES EXPRESSED AT A CONFIDENCE LEVEL OF APPROXIMATELY 95 %, USING A COVERAGE FACTOR OF K=2. THIS UNCERTAINTY IS AT THE TIME OF TEST ONLY AND DOES NOT TAKE INTO ACCOUNT TRANSIT, USAGE, DRIFT OVER TIME, OR OTHER FACTORS AFFECTING STABILITY. THIS CERTIFICATE SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT WRITTEN PERMISSION BY OHM-LABS, INC.

PERFORMED BY

REVIEWED BY:

