



NSF International Strategic Registrations

789 North Dixboro Road, Ann Arbor, Michigan 48105
(888) NSF-9000

Certificate of Registration

This certifies that the Quality Management System of
Industrial Process Measurement, Inc., d/b/a Hosica Labs

3910 Park Avenue, Unit 7
Edison, New Jersey, 08820, United States

has been assessed by NSF-ISR and found to be in conformance to the following standard(s):

ISO 9001:2008

Scope of Registration:

Calibration, service and sale of test, measurement, calibration, control instruments and panel meters.

Exclusions: Product Design

Industrial Classification:

SIC: 38
NACE: DL 33.3
IAF - QMS: 19

Certificate Number: 83331-IS3
Certificate Issue Date: 14-DEC-2010
Registration Date: 08-DEC-2010
Expiration Date *: 07-DEC-2013



William Niedzwiecki,
President & General Manager,
NSF-ISR, Ltd.

Certificate of Calibration

ISSUED BY:

Industrial Process Measurement, Inc.



3910 Park Avenue, Unit 7
Edison, NJ 08820
(732) 632-6400 Fax: (732) 632-6064

Manufacturer: EDC
Model: MV106
Description: VOLTAGE STANDARD
Serial Number: 14456
Secondary ID#: 245487

CUSTOMER:
OSU-COAS
104 OCEAN ADMIN BLDG
CORVALLIS OR 97331

PURCHASE ORDER #: S1180A

Calibration Procedure: EDC MV106 :VER./3458

Certificate #: 44074-01
Calibration Date: 28 Feb 2011
Calibration Due Date: 28 Feb 2012
(Recomended)
Received: OUT OF TOLERANCE
Returned: IN TOLERANCE
Temperature: 23.0°C
Humidity: 31 %
Cal Seals OK: Y
Calibrated At: IPM Calibration Lab.
Job #: C44074

Revision: 1.0

Industrial Process Measurement, Inc. certifies that the above listed instrument meets or exceeds all specifications as stated in the referenced procedure (unless otherwise noted). It has been calibrated using measurement standards traceable to the National Institute of Standards and Technology (NIST), or to NIST accepted intrinsic standards of measurement, or derived by the ratio type of self-calibration techniques. This calibration complies with, ISO/IEC 17025, ANSI/NCSL Z540-1-1994 and MIL-STD-45662A. IPM, Inc. maintains a documented and registered quality management system. Please contact us for a copy of our certificate. Unless stated in COMMENTS below, a minimum test accuracy of 4:1 was used.

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COMMENTS

ADJUSTED TO MEET MFG SPEC

STANDARDS USED FOR CALIBRATION

ASSET NO.	DESCRIPTION	NIST TRACEABLE NUMBER	CAL DATE	CAL DUE DATE
IPM-100	HEWLETT-PACKARD 3458A 8.5 DIGIT MULTIMETER	52456	21 Oct 2010	21 Oct 2011

Gabriel Pires

Calibration Technician


Technical Manager



Report of Calibration

ISSUED BY:

Industrial Process Measurement, Inc.

3910 Park Avenue, Unit 7

Edison, NJ 08820

(732) 632-6400 Fax: (732) 632-6064

MANUFACTURER: EDC
MODEL: MV106
DESCRIPTION: VOLTAGE STANDARD
SERIAL NUMBER: 14456
SECONDARY ID#: 245487

CUSTOMER:
OSU-COAS
104 OCEAN ADMIN BLDG
CORVALLIS OR 97331

PURCHASE ORDER#: S1180A
PROCEDURE NAME: EDC MV106 :VER./3458
PROCEDURE REV.: 1.0

CERTIFICATE #: 44074-01
RECEIVED: OUT OF TOLERANCE
RETURNED: IN TOLERANCE
TEST RESULT: FAIL
PERFORMED ON: 25 Feb 2011
DATA TYPE: AS-FOUND
TEMPERATURE: 23.0°C
HUMIDITY: 36 %

CALIBRATED BY: Gabriel Pires
JOB #: C44074

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Note: Any Test Uncertainty Ratio (TUR) that is less than four to one will appear under the "TUR" heading on the data record. If the TUR meets or exceeds 4:1, the field is left blank.

COMMENTS : ADJUSTED TO MEET MFG SPEC

Standards Used

ASSET NO.	DESCRIPTION	NIST TRACEABLE #	CAL DATE	CAL DUE DATE
IPM-100	HEWLETT-PACKARD 3458A 8.5 DIGIT MULTIMETER	52456	21 Oct 2010	21 Oct 2011

Test Data

PARAMETER	TRUE	TEST	ACCEPTANCE LIMITS		TUR
	VALUE		LOW	HIGH	
DC Voltage Test					
10.0000000V		9.9999273	9.9994230	10.0005770	PASS
-10.0000000V		-9.9999626	-10.0005770	-9.9994230	PASS
1.1111100V		1.1112118	1.1109774	1.1112426	PASS
2.2222200V		2.2222160	2.2220319	2.2224081	PASS

REPORT OF CALIBRATION FOR: SERIAL NUMBER: 14456

TRACKING NUMBER: 14456

Page 1 of 2

PRINTED ON: 25 Feb 2011

PARAMETER	TRUE VALUE	TEST RESULT	ACCEPTANCE LIMITS		TUR
			LOW	HIGH	
3.3333300V		3.3332930	3.3330863	3.3335737	PASS
4.4444400V		4.4443475	4.4441408	4.4447392	PASS
5.5555500V		5.5554806	5.5551952	5.5559048	PASS
6.6666600V		6.6665058	6.6662497	6.6670703	PASS
7.7777700V		7.7775869	7.7773041	7.7782359	PASS
8.8888800V		8.8886363	8.8883586	8.8894014	PASS
9.9999900V		9.9997235	9.9994130	10.0005670	PASS
11.1111000V		11.1107682	11.1104674	11.1117326	PASS
DC mV Test					
10 mV Range					
10.000000mV		9.997112	9.997425	10.002575	FAIL
-10.000000mV		-9.999897	-10.002575	-9.997425	PASS
100 mV Range					
100.00000mV		100.00238	99.99225	100.00775	PASS
-100.00000mV		-100.00461	-100.00775	-99.99225	PASS
11.11110mV		11.10817	11.10779	11.11441	PASS
22.22220mV		22.22261	22.21834	22.22606	PASS
33.33330mV		33.33375	33.32888	33.33772	PASS
44.44440mV		44.44514	44.43943	44.44937	PASS
55.55550mV		55.55712	55.54997	55.56103	PASS
66.66660mV		66.66838	66.66052	66.67268	PASS
77.77770mV		77.77974	77.77106	77.78434	PASS
88.88880mV		88.89099	88.88161	88.89599	PASS
99.99990mV		100.00253	99.99215	100.00765	PASS
111.11100mV		111.11372	111.10269	111.11931	PASS

End of Test Data



Report of Calibration

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MANUFACTURER: EDC
MODEL: MV106
DESCRIPTION: VOLTAGE STANDARD
SERIAL NUMBER: 14456
SECONDARY ID#: 245487

CUSTOMER:
OSU-COAS
104 OCEAN ADMIN BLDG
CORVALLIS OR 97331

PURCHASE ORDER#: S1180A
PROCEDURE NAME: EDC MV106 :VER./3458
PROCEDURE REV.: 1.0

CERTIFICATE #: 44074-01
RECEIVED: OUT OF TOLERANCE
RETURNED: IN TOLERANCE
TEST RESULT: PASS
PERFORMED ON: 28 Feb 2011
DATA TYPE: AS-LEFT
TEMPERATURE: 23.0°C
HUMIDITY: 31 %

CALIBRATED BY: Gabriel Pires

JOB #: C44074

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COMMENTS : ADJUSTED TO MEET MFG SPEC

Standards Used				
ASSET NO.	DESCRIPTION	NIST TRACEABLE #	CAL DATE	CAL DUE DATE
IPM-100	HEWLETT-PACKARD 3458A 8.5 DIGIT MULTIMETER	52456	21 Oct 2010	21 Oct 2011

Test Data					
PARAMETER	TRUE	TEST	ACCEPTANCE LIMITS		TUR
	VALUE		RESULT	LOW	
DC Voltage Test					
10.000000V		9.9999129	9.9994230	10.0005770	PASS
-10.000000V		-9.9999161	-10.0005770	-9.9994230	PASS
1.1111100V		1.1111068	1.1109774	1.1112426	PASS
2.2222200V		2.2222031	2.2220319	2.2224081	PASS

PARAMETER	TRUE VALUE	TEST RESULT	ACCEPTANCE LIMITS		TUR
			LOW	HIGH	
3.3333300V		3.3333175	3.3330863	3.3335737	PASS
4.4444400V		4.4444093	4.4441408	4.4447392	PASS
5.5555500V		5.5555052	5.5551952	5.5559048	PASS
6.6666600V		6.6665904	6.6662497	6.6670703	PASS
7.7777700V		7.7777119	7.7773041	7.7782359	PASS
8.8888800V		8.8887966	8.8883586	8.8894014	PASS
9.9999900V		9.9999049	9.9994130	10.0005670	PASS
11.1111000V		11.1109999	11.1104674	11.1117326	PASS
DC mV Test					
10 mV Range					
10.000000mV		9.998360	9.997425	10.002575	PASS
-10.000000mV		-9.998926	-10.002575	-9.997425	PASS
100 mV Range					
100.00000mV		100.00144	99.99225	100.00775	PASS
-100.00000mV		-100.00331	-100.00775	-99.99225	PASS
11.11110mV		11.11015	11.10779	11.11441	PASS
22.22220mV		22.22151	22.21834	22.22606	PASS
33.33330mV		33.33288	33.32888	33.33772	PASS
44.44440mV		44.44415	44.43943	44.44937	PASS
55.55550mV		55.55540	55.54997	55.56103	PASS
66.66660mV		66.66643	66.66052	66.67268	PASS
77.77770mV		77.78190	77.77106	77.78434	PASS
88.88880mV		88.88899	88.88161	88.89599	PASS
99.99990mV		100.00010	99.99215	100.00765	PASS
111.11100mV		111.11125	111.10269	111.11931	PASS

End of Test Data