

# SOUTHWEST RESEARCH INSTITUTE

POST OFFICE DRAWER 28510 • 6220 CULEBRA ROAD • SAN ANTONIO, TEXAS, USA 78284 • (512) 684-5111 • TELEX 76-7357

Division 05 – Instrument Repair and Calibration Laboratory

## Calibration Record

ITEM EG&G Potentiostat / Calvanostat  
MODEL 173 S/N 62101 SWRI NO. \_\_\_\_\_  
PLUG-INS, ETC. EG&G Model 178 ELECTROMETER PROBE S/N 49116  
TOLERANCE See Mfg Specs

### STANDARDS

Standard No.	MFGR Model	Description	S/N	Cal. Due	Cal. Rec. No.
<u>HP</u>	<u>3456A</u>	<u>Digital Multimeter</u>	<u>2201A08306</u>	<u>30 Oct 90</u>	<u>5218</u>

ENVIRONMENT: Temperature 72° Humidity 45%  
Location Room A11, Bldg 68, SWRI

### PROCEDURE

- Essentially as outlined in MFGRS Service Manual \_\_\_\_\_  
 \_\_\_\_\_

### CONCLUSION

- Item within tolerance \_\_\_\_\_  
 Item out of tolerance \_\_\_\_\_  
 Item ADJ/repaired to tolerance \_\_\_\_\_  
 \_\_\_\_\_

Calibration was in accord with requirements of MIL-STD-45662A, MIL-Q-9858A, and MIL-I-45208A. Measurements are traceable to the National Institute of Standards and Technology. Inspection and test data are on file and available for inspection.

SIGNED [Signature]

DATE 19 APR 90

RECORD NUMBER: 0005324 NEXT CALIBRATION DUE: 19 Oct 90

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Division 05 – Instrument Repair and Calibration Laboratory

## Calibration Record

ITEM EGG Potentiostat / GALVANOSTAT  
MODEL 173 S/N 62101 SWRI NO. \_\_\_\_\_  
PLUG-INS, ETC. Model 178 ELECTROMETER PROBE S/N 49116  
TOLERANCE SEE MFG SPEC'S

### STANDARDS

Standard No.	MFGR Model	Description	S/N	Cal. Due	Cal. Rec. No.
<u>HP</u>	<u>3456A</u>	<u>Digital Multimeter</u>	<u>2201A08306</u>	<u>5 APR 91</u>	<u>05958</u>

ENVIRONMENT: Temperature 74° Humidity 36% RH  
Location ROOM 111, Bldg 68, SWRI

### PROCEDURE

- Essentially as outlined in MFGRS Service Manual \_\_\_\_\_
- \_\_\_\_\_

### CONCLUSION

- Item within tolerance \_\_\_\_\_
- Item out of tolerance \_\_\_\_\_
- Item ADJ/repaired to tolerance \_\_\_\_\_
- \_\_\_\_\_

Calibration was in accord with requirements of MIL-STD-45662A, MIL-Q-9858A, and MIL-I-45208A. Measurements are traceable to the National Institute of Standards and Technology. Inspection and test data are on file and available for inspection.

SIGNED Gay A. WPA  
DATE 25 Oct 90

RECORD NUMBER: 0006021 NEXT CALIBRATION DUE: 25 APR 91

**Division 05 - Instrument Repair and Calibration Laboratory**  
**CERTIFICATE OF CALIBRATION**

ISSUED TO: DIV 20, Center for NUCLEAR WASTE REGULATORY ANALYSIS NARASI SUDIHAR  
 MFR/MODEL EG&G 173  
 ITEM DESCRIPTION Potentiostat / Galvanostat  
 MODEL 173 SN 62101 SWRI NO. \_\_\_\_\_  
 PLUG-INS, ETC. Model 178 ELECTROMETER PROBE s/n 49116  
 TOLERANCE see mfg spec's

**STANDARDS**

Standard No.	MFR Model	Description	S/N	Cal. Due	Cal. Rec. No.
<u>FLUKE</u>	<u>8506</u>	<u>DMM</u>	<u>4180021</u>	<u>24 Oct 91</u>	<u>07700</u>

ENVIRONMENT: Temperature 72° Humidity 38%  
 Location Room A11, Bldg 6Y, SW RT

**PROCEDURE**

Essentially as outlined in MFRS Service Manual SECTION VI  
 \_\_\_\_\_

**CONCLUSION**

Item within tolerance \_\_\_\_\_  
 Item out of tolerance \_\_\_\_\_  
 Item ADJ/repared to tolerance \_\_\_\_\_  
 \_\_\_\_\_

Calibration was in accord with requirements of MIL-STD-45662A. Measurements are traceable to the National Institute of Standards and Technology. Inspection and test data are on file and available for inspection.

SIGNED [Signature]  
 DATE 1 MAY 91

RECORD NUMBER: 0007714 NEXT CALIBRATION DUE: 1 Nov 91

S O U T H W E S T   R E S E A R C H   I N S T I T U T E

Department of Quality Assurance  
Calibration Laboratory

CERTIFICATE OF CALIBRATION

Issued to: DIV20 B57 NARASI SRIDHAR

Device No: 1422

Manufacturer: EG & G

Model: 173

Nomenclature: POTENTIOSTAT/GALVANOSTAT

Serial Number: 62101

SWRI No: 19443

Cal interval 12 Mo.

Remarks

Accuracy: MFGR SPECS

Procedure: MFGR

ENVIRONMENT

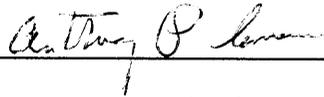
Temperature: 69    Humidity: 42    Location: ROOM A11 B68 SWRI

CONCLUSION

Tolerance/Remarks:    Received in tolerance, no adjustments made

Calibration was in accord with requirements of MIL-STD-45662A. Measurements are traceable to the National Institute of Standards and Technology. Inspection and test data are on file and available for inspection.

Signed



Calibration Date: 05/19/93

Cal interval: 12 Months

Record Number: 00011317

Next Calibration Due: 05/19/94

S O U T H W E S T   R E S E A R C H   I N S T I T U T E

Department of Quality Assurance  
Calibration Laboratory

Device Serial No: 62101

Calibration Date: 05/19/93

STANDARDS

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Standard No: 140    Manufacturer: KEITHLEY

Model: 177

Nomenclature: MICROVOLT DIGITAL MULTIMETER

Serial No: 10943

Cal.Due: 09/23/93

Cal.Rec.No: 00010936