FLUKE ® Everett Service Center

1420 75th St. SW
Everett, Washington 98203
USA

Calibration Certificate

NQA ISO 9000:2000 (10100/2)

Description:	MULTIMETER	**Certificate Number:**	**649092-69352611:1232457144**
Manufacturer:	FLUKE	**Date of Calibration:**	20 January 2009
Model:	73 III	**Date of Certificate:**	20 January 2009
Serial Number:	69352611	**Date Due:**	20 January 2010
Customer Name:		**Procedure Name:**	
STATE OF WASHINGTON		MFG MANUAL	
City, State:	SEATTLE, WA	**Procedure Revision:**	7/98
Customer Item ID:	69352611	**Data Type:**	FOUND-LEFT
PO Number:	IMPAIRED DRIVING CCS	**Temperature:**	23.00 °Celsius
RMA Number:	4146570	**Relative Humidity:**	40 %
Result Summary:	PASS		

The Data type that could be found in this certificate must be interpreted as:

- As-Found - Calibration data collected before the unit is adjusted and/or repaired.
- As-Left - Calibration data collected after the unit is adjusted and/or repaired.
- Found-Left - Calibration data collected without any adjustment and/or repair performed.

This certificate applies only to the item identified and shall not be reproduced other than in full, without the specific written approval by Fluke Corporation. The user is obliged to have the object recalibrated at appropriate intervals.

Comments:

Long Le

Metrology Technician

Traceability Information
For each parameter listed below the calibration was conducted using an unbroken chain of standards to:

DC Voltage
The Voltage Reference standard group, traceable to the Fluke Primary Standards Laboratory, which is traceable to the U.S. representation of the volt, through the internationally accepted value of the Josephson constant Kj=483597.9 GHz/V and a 10 Volt Josephson Array Voltage Standard.

Frequency and Period
The GPS-Rubidium Disciplined oscillator frequency standard, traceable to the United States Naval Observatory (USNO), which is traceable to the National Institute of Standards and Technology.

AC Voltage, Resistance, DC Current, AC Current, Capacitance, Inductance, Phase
The Fluke Primary Standards Laboratory, which is traceable to the National Institute of Standards and Technology.

AC Voltage Flatness
The Fluke Primary Standards Laboratory, or Agilent Technologies Standards Laboratory which are traceable to the National Institute of Standards and Technology.

Humidity
The Vaisala Measurement Standards Laboratory Primary Salt calibration bath, with traceability based on the physical phenomena in which the equilibrium relative humidity values associated with certain saturated salt solutions are known.

Rise Time
The Tektronix GmbH Calibration Laboratory which is traceable to the Physikalisch-Tecnische Bundensanstalt.

Radiation Temperature
The National Institute of Standards and Technology, the Physikalisch-Tecnische Bundensanstalt, or Hart Scientific.

Contact Temperature
The Fluke Primary Standards Laboratory, Hart Scientific, which are traceable to the National Institute of Standards and Technology.

Gas Flow
The DHI Calibration Laboratory, which is traceable to the National Institute of Standards and Technology.

Pressure
The DHI Calibration Laboratory, which is traceable to the Laboratoire National D'Essais, Physikalisch-Technische Bundesanstalt and National Institute of Standards and Technology, or traceable to the Mensor or Ashcroft Calibration Laboratories, which are traceable to the National Institute of Standards and Technology.

Standards Used

Asset #	Instrument Model	Cal Date	Cal Due
10127	FLUKE 5520A CALIBRATOR	28 August 2008	28 May 2009

End of Report