

1420 75th St. SW
Everett, Washington 98203
USA

NQA ISO 9001:2008 (10100/2)

Calibration Certificate

Description:	MULTIMETER	Certificate Number:	649084-72830389:1292388091
Manufacturer:	FLUKE	Date of Calibration:	15 December 2010
Model:	70 III	Date of Certificate:	15 December 2010
Serial Number:	72830389	Recommended Due Date:	15 December 2011
Customer Name:		Procedure Name:	
STATE OF WASHINGTON		FLUKE 70-3: (1 YEAR) CAL VER/5500	
City, State:	SEATTLE, WA	Procedure Revision:	2.0
Customer Item ID:	72830389	Data Type:	FOUND-LEFT
PO Number:	CC 14 DEC 2010	Temperature:	22.0 °Celsius
RMA Number:	4639555	Relative Humidity:	18 %
Result Summary:	PASS		
Received Date:	14 December 2010		

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:Jared Lee
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 Electrical Standards Laboratory, which is traceable to the U.S. representation of the volt, through the internationally accepted value of the Josephson constant $K_j=483597.9$ GHz/V and a 10 Volt Josephson Array Voltage Standard.

Frequency and Period

A GPS Disciplined Rubidium oscillator frequency standard which is traceable to the National Institute of Standards and Technology (NIST).

AC Voltage, Resistance, DC Current, AC Current, Capacitance, Inductance, Phase

The Fluke Primary Electrical Standards Laboratory, which is traceable to the NIST.

AC Voltage Flatness

The Fluke Primary Electrical Standards Laboratory or Agilent Technologies Standards Laboratory which are traceable to NIST.

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-Technische Bundesanstalt (PTB), and the National Physical Laboratory (NPL).

Radiation Temperature

Traceable to NIST, PTB, and the Fluke Primary Temperature Standards Laboratory.

Contact Temperature

Traceable to the Fluke Primary Temperature Standards Laboratory which is traceable to the NIST.

Gas Flow

The Fluke Primary Gas Flow Laboratory which is traceable to the NIST.

Pressure

The Fluke Primary Pressure Laboratory (Phoenix), which is traceable to the Laboratoire National de Metrologie et D'Essais (LNE) and PTB.

Standards Used

Asset #	Instrument Model	Cal Date	Cal Due
9526	FLUKE 5500A CALIBRATOR	17 August 2010	17 February 2011

End of Report