FLUKE ® Everett Service Center

1420 75th St. SW
Everett, Washington 98203
USA

Calibration Certificate

ISO 9001:2008 (10100/2)

Description:	MULTIMETER	**Certificate Number:**	**649084-72830393:1334750640**
Manufacturer:	FLUKE	**Date of Calibration:**	18 April 2012
Model:	70 III	**Date of Certificate:**	18 April 2012
Serial Number:	72830393	**Recommended Due Date:**	18 April 2013
Customer Name:		**Procedure Name:**	
STATE OF WASHINGTON		FLUKE 70-3: (1 YEAR) CAL VER/ALT 5520A	
City, State:	SEATTLE, WA	**Procedure Revision:**	1.0
Customer Item ID:	72830393	**Data Type:**	FOUND-LEFT
PO Number:	SATO CCS 12-APR-2012	**Temperature:**	25.1 °Celsius
RMA Number:	30009162	**Relative Humidity:**	28 %
Result Summary:	PASS		
Received Date:	13 April 2012		

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.

Comments:

Charles Oestreich
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 Kj=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, or Aglient Technologies Standards Laboratory, or IET, which are traceable to NIST, or NRC.

AC Voltage Flatness
The Fluke Primary Electrical Standards Laboratory or Agilent Technologies Standards Laboratory, which are traceable to NIST, or PTB, or NPL.

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 Bundensanstalt (PTB), or 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.

Gas Mixture
Traceable to NIST reference materials.

Standards Used

Asset #	Instrument Model	Cal Date	Cal Due
11733	FLUKE 5520A/3 120 CALIBRATOR	09 April 2012	09 January 2013

End of Report