



1420 75th St. SW  
 Everett, Washington 98203  
 USA

# Calibration Certificate

NQA ISO 9001:2008 (10100/2)

<b>Description:</b>	MULTIMETER	<b>Certificate Number:</b>	649092-69352611:1288260851
<b>Manufacturer:</b>	FLUKE	<b>Date of Calibration:</b>	28 October 2010
<b>Model:</b>	73 III	<b>Date of Certificate:</b>	28 October 2010
<b>Serial Number:</b>	69352611	<b>Recommended Due Date:</b>	28 October 2011
<b>Customer Name:</b>	STATE OF WASHINGTON	<b>Procedure Name:</b>	FLUKE 73-3: (1 YEAR) CAL VER/5500
<b>City, State:</b>	SEATTLE, WA	<b>Procedure Revision:</b>	2.0
<b>Customer Item ID:</b>	69352611	<b>Data Type:</b>	FOUND-LEFT
<b>PO Number:</b>	28-OCT-10	<b>Temperature:</b>	22.1 °Celsius
<b>RMA Number:</b>	4595657	<b>Relative Humidity:</b>	38 %
<b>Result Summary:</b>	PASS		
<b>Received Date:</b>			

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:**

  
 Kawika Ching  
 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
10054	FLUKE 5500A CALIBRATOR	02 November 2009	02 November 2010

End of Report