



# Certificate of Compliance

**Certificate:** 2022012

**Master Contract:** 162029

**Project:** 70089269

**Date Issued:** 2016-07-28

**Issued to:** **Fluke Corporation**  
**6920 Seaway Blvd**  
**Everett, Washington 98203**  
**USA**

**Attention:** Thomas Smith

*The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.*



**Issued by:** Priscilla Mui  
Priscilla Mui, P.Eng

## **PRODUCTS**

CLASS – 3631 06 - ELECTRICAL MEASUREMENT AND TEST EQUIPMENT

CLASS – 3631 86 - ELECTRICAL EQUIPMENT FOR MEASUREMENT USE-Certified to US Standards

Digital Multimeter, Models 110 Plus, 113, 114, 115, 116, and 117, internally powered by 9 V dc Alkaline NEDA 1604A/IEC 6LR61.

## **Notes:**

1. The 11x Family are Equipment Class II, Pollution Degree 2, Measurement Category 600 V CAT III, except the 113 which is rated 600V CAT IV. The 115 and 117 are also rated for 10 A ac/dc.
2. The above models may include the optional suffix of “C” that denote options not affecting safety.
3. Mode of operation: Continuous.
4. Environmental Conditions: 2000m, -10°C to 50°C, 30°C to 95%, 40°C to 75%, 50°C to 45%



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### APPLICABLE REQUIREMENTS

- CAN/CSA-C22.2 No. 61010-1-12 - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use, Part 1: General Requirements
- CAN/CSA-C22.2 No. 61010-2-030-12 - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 2-030: Particular requirements for testing and measuring circuits
- UL Std. No. 61010-1 (3<sup>rd</sup> Ed.) - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements
- UL Std. No. 61010-2-030 (1<sup>st</sup> Ed.) - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 2-030: Particular requirements for testing and measuring circuits
- CAN/CSA-C22.2 No. 61010-2-033:14 - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 2-033: Particular requirements for Hand-Held Multimeters and other Meters, for domestic and professional use, capable of measuring mains voltage (IEC 61010-2-033:2012, MOD)
- ANSI/UL Std. No. 61010-2-033 (1<sup>st</sup> Ed.) - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 2-033: Particular requirements for Hand-Held Multimeters and other Meters, for domestic and professional use, capable of measuring mains voltage

### Reference Standards

- IEC 61010-1:2010 - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use, Part 1: General Requirements
- IEC 61010-2-030:2010 - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 2-030: Particular requirements for testing and measuring circuits
- IEC 61010-2-033:2010 - Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use, Part 2-033: Particular requirements for hand-held multimeters and other meters, for domestic and professional use, capable of measuring mains voltage



## *Supplement to Certificate of Compliance*

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*The products listed, including the latest revision described below, are eligible to be marked in accordance with the referenced Certificate.*

### **Product Certification History**

<b>Project</b>	<b>Date</b>	<b>Description</b>
70089269	2016-07-28	Update report 2022012 (110 Plus 113 114 115 116 117) to remove Thermometrics PTC from critical components list. (CRR 2016-05 #2)
70059497	2016-02-04	(Fluke) Update Report 2022012 (113, 114, 115, 116, and 117) to add Model 110 Plus.
2732361	2015-01-19	Update Report 2022012 (113, 114, 115, 115C, 116, 116C, 117 and 117C ) to add 61010-2-33 as a reference IEC Standard.
2594418	2013-03-22	Update Report 2022012 (113, 114, 115, 115C, 116, 116C, 117 & 117C) to re-classify to 3631 06/86. Also includes delisting of Report 1822348 to include Model 113 into family of Models.
2443758	2011-07-22	Update to Report 2022012 (Model 113) to add alternative ratings.
2305119	2010-05-06	Update to Report 2022012 to correct pin-out on Z1 (FIR) and minor corrections..
2022012	2008-09-26	Digital Multimeter (C/US)