Manual Supplement

Manual Title:	381 Calibration	Supplement Issue:	**5**
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This supplement contains information necessary to ensure the accuracy of the above manual.

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Change #1, 59597, 62194, 320

On page 4, add the following to the **Symbols** Table, and remove the **TUV**:

	Conforms to relevant South Korean EMC standards.
	Consult user documentation.
	Conforms to relevant Australian Safety and EMC standards.

On page 7, replace the EMI, RFI, EMC, RF Specifications with:

Electromagnetic Compatibility (EMC)

International ..... IEC 61326-1: Controlled Electromagnetic Environment

CISPR 11: Group 1, Class A

Group 1: Equipment has intentionally generated and/or uses conductively-coupled radio frequency energy that is necessary for the internal function of the equipment itself.

Class A: Equipment is suitable for use in all establishments other than domestic and those directly connected to a low-voltage power supply network that supplies buildings used for domestic purposes. There may be potential difficulties in ensuring electromagnetic compatibility in other environments due to conducted and radiated disturbances.

Caution: This equipment is not intended for use in residential environments and may not provide adequate protection to radio reception in such environments.

Emissions that exceed the levels required by CISPR 11 can occur when the equipment is connected to a test object.

Korea (KCC) ..... Class A Equipment (Industrial Broadcasting & Communication Equipment)

Class A: Equipment meets requirements for industrial electromagnetic wave equipment and the seller or user should take notice of it. This equipment is intended for use in business environments and not to be used in homes.

USA (FCC) ..... 47 CFR 15 subpart B. This product is considered an exempt device per clause 15.103.

Radio frequency certification……FCC ID: T68-F381, IC: 6627A-F381

Remove the Agency Approvals:

On page 7, under ***Environmental Specifications***, remove:

Double Insulation Clearance……
Double Insulation Creepage……
Agency Approvals…..

Replace Safety Compliance with:

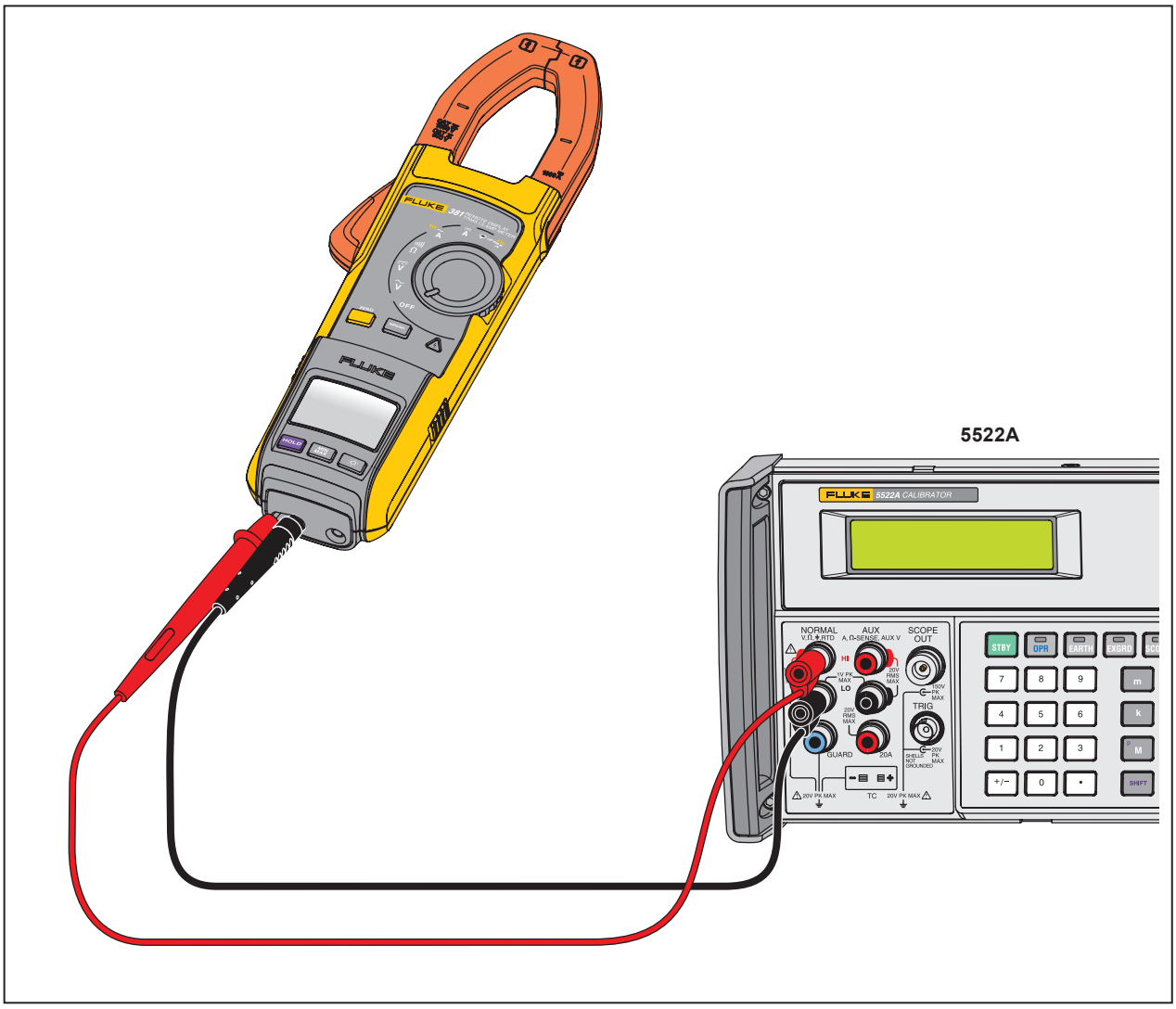
Safety.....IEC 61010-1, Pollution degree 2
IEC 61010-2-032: CAT III 1000 V / CAT IV 600 V
IEC 61010-2-033: CAT III 1000 V / CAT IV 600 V

On page 4, replace CAT III, CAT IV, and add CAT II to the **Symbols** Table:

CAT II	MEASUREMENT CAT II is applicable to test and measuring circuits connected directly to utilization points (socket outlets and similar points) of the low-voltage MAINS installation.
CAT III	MEASUREMENT CAT III is applicable to test and measuring circuits connected to the distribution part of the building's low-voltage MAINS installation.
CAT IV	MEASUREMENT CAT IV is applicable to test and measuring circuits connected at the source of the building's low-voltage MAINS installation.

Change #2

On page 14, replace Figure 7 with:

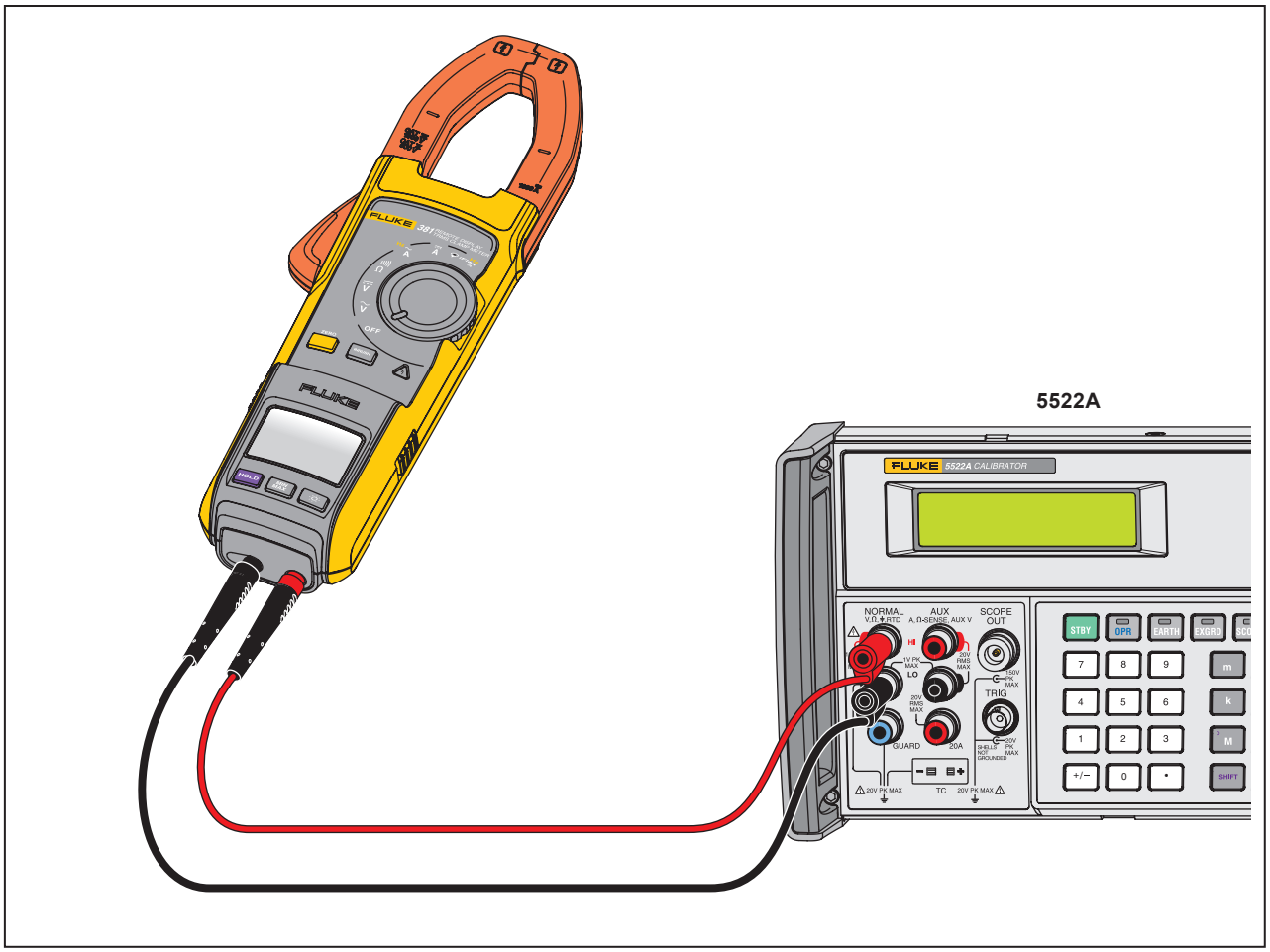


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Figure 7. Current Test Simulated Voltage

Change #3, 416

On page 10, replace Figure 5 with:



ghn15.eps

Figure 5. Performance Test Connections for AC Voltage, DC Voltage, and Frequency

Change #4, 35

On page 18, Table 5, change:

From:

C-27	5.4 mV, 150 Hz; Simulates 150 A, 150 Hz A ac

To:

C-27	5.4 mV, 60 Hz; Simulates 150 A, 60 Hz A ac