



IECEE OPERATIONAL DOCUMENT

IEC System of Conformity Assessment Schemes for Electrotechnical Equipment and Components (IECEE System)

Committee of Testing Laboratories (CTL)

Template (Provisional) Equipment List





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Equipment and Components (IECEE System)**

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INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

PRICE CODE

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TESTING AND MEASURING EQUIPMENT/ALLOWED SUBCONTRACTING
IEC 61010-2-032:2012, Edition 3
Part 2-032: Particular requirements for hand-held and hand-manipulated current sensors for electrical test and measurement

“R”	Required
“S”	May be subcontracted, see OD 2012
“SPTL”	Specialized Facility, see IECEE 02-2
“W”	Witness testing in the categories “MED” and “MEAS”
“3PPS”	Three Phase Power Supply required

Clause	Measurement/testing	Testing / measuring equipment / material needed	Subcontracting
6.9.101.1	Pre-treatment of the JAW ENDS	pre-treatment plate of rigid material minimum of 50 mm by 450 mm, with a thickness not exceeding 2 mm. emery cloth No. 120 grit, with aluminium oxide abrasive bound in an enclosed coating and with a cloth backing.	R R
8.1.101	Dynamic test of horizontal heating surfaces of glass or ceramic material	Loaded vessel with copper or aluminum base flat over a diameter of 120 mm ± 10 mm, with rounded edge of radius ≤ 10 mm, filled to a uniform height with sand or shot (total mass 1,8 kg ± 0,01 kg), saline solution 1% NaCl in water, temperature recorder with thermocouples, high voltage tester.	R
6.9.101.3	HAND-HELD or hand-manipulated parts Up to OVC III 1000V / OVC IV 600V	high Voltage tester min. 8kV r.m.s impulse tester acc. to 61180-1 min. min. 12.8kV peak	R R
6.9.101.3	HAND-HELD or hand-manipulated parts Up to OVC IV 1000V	high Voltage tester min. 12kV r.m.s impulse tester acc. to 61180-1 min. min. 20kV peak	W W
6.9.101.4	Insulation of flexible current sensors	Test setup acc. to Figure 104 Pully for treatment acc. to Figure 105 1kg test mass	R R R
8.2.101	JAW impact test	Eha (pendulum hammer) or test Ehc (vertical hammer) with min. 5J	R
14.101	Circuits or components used as TRANSIENT OVERVOLTAGE limiting devices in measuring circuits used to measure MAINS	impulse tester acc. to 61180-1 min. 12.8kV	R

Clause	Measurement/testing	Testing / measuring equipment / material needed	Subcontracting
101.3.2	Protection by a certified overcurrent protection device	HV dielectric tester, able to deliver 100mA trip current between 600 and 5000V.	R
102.2	Protection against short-circuits during clamping	test probe acc. to Figure 106	R

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