



TESTING AND MEASURING EQUIPMENT/ALLOWED SUBCONTRACTING
IEC 61010-2-030: 2010, Edition 1.0

Part 2-030: Particular requirements for testing and measuring circuits

PROVISIONAL

- “R” Required
- “S” May be subcontracted, see OD 2012
- “SF” 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
14.101	Transient overvoltage	Impulse tester to IEC 61181-1 Open-circuit voltage waveform of 1,2/50 μ s, Short-circuit current waveform of 8/20 μ s	
		Min 12kV peak. Output impedance of 2 Ω for MEASUREMENT CATEGORIES III and IV	W
		Min 6K V peak. Output impedance of 12 Ω for MEASUREMENT CATEGORIES II.	W
101.2	Current measuring circuits	Appropriate current source for short circuit current. Suitable current measuring device Suitable automated current switching device Timer	W
101.3	Input mismatches	HV dielectric tester, able to deliver 100mA trip current between 600 and 5000V.	R
		Current source according to table AA.1 in Annex AA.	W