



TESTING AND MEASURING EQUIPMENT/ALLOWED SUBCONTRACTING IEC 61000-6-1: 1997

Electromagnetic compatibility (EMC) – Part 6-1: Generic standards – Immunity for residential, commercial and light-industrial environments

R = Required by Lab

S = May be subcontracted

W = Witness testing

3PPS = Three Phase Power Supply required

Clause	Measurement/testing	Testing/ measuring equipment / material needed	Subcontracting
1.1	Immunity test to Power-frequency Magnetic fields	See list of equipments for IEC 61000-4-8	R
1.2	Immunity test to Radiated Electromagnetic field	See list of equipments for IEC 61000-4-3	R
1.3	Immunity test to Electrostatic Discharges	See list of equipments for IEC 61000-4-2	R
2.1 3.1 4.1 5.1	Immunity test to Continuous conducted disturbances	See list of equipments for IEC 61000-4-6	R
2.2	Immunity test to Fast transients	See list of equipments for IEC 61000-4-4	R



IEC SYSTEM FOR CONFIRMITY TESTING
AND CERTIFICATION OF ELECTRICAL
EQUIPMENT

COMMITTEE OF TESTING LABORATORIES

3.3 4.5 5.2			
3.2 4.4	Immunity test to Surges	See list of equipments for IEC 61000-4-5	R
4.2 4.3	Immunity test to voltage dips, voltage variations and short interruptions	See list of equipments for IEC 61000-4-11	R

Note: The presence of equipment alone does not indicate a satisfactory situation. Assessors must evaluate the equipment design, calibration, uncertainty and documentation to ensure compliance with the directions of the standard. The requirements of ISO IEC 17025 regarding validation are applicable, as the tests of this standard are not standardised tests.