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**ELECTROMAGNETIC COMPATIBILITY (EMC) –**

**Part 4-11: Testing and measurement techniques –  
Voltage dips, short interruptions and voltage variations immunity tests**

**INTERPRETATION SHEET 1**

This interpretation sheet has been prepared by subcommittee 77A: Low frequency phenomena, of IEC technical committee 77: Electromagnetic compatibility

The text of this interpretation sheet is based on the following documents:

ISH	Report on voting
77A/726/ISH	77A/731/RVD

Full information on the voting for the approval of this interpretation sheet can be found in the report on voting indicated in the above table.

**Interpretation of the rise-time and fall-time requirements during EUT testing in IEC 61000-4-11:2004: Electromagnetic compatibility (EMC) – Part 4-11: Testing and measurement techniques – Voltage dips, short interruptions and voltage variations immunity tests.**

- 1) In IEC 61000-4-11:2004, Table 4 does not apply to EUT (equipment under test) testing. Table 4 is for generator calibration and design only.
- 2) With reference to Table 1 and Table 2, there is no requirement in 61000-4-11:2004 for rise-time and fall-time when testing EUT; therefore, it is not necessary to measure these parameters during tests.
- 3) With reference to Table 4, all of the requirements apply to design and calibration of the generator. The requirements of Table 4 only apply when the load is a non-inductive 100  $\Omega$  resistor. The requirements of Table 4 do not apply during EUT testing.