

# **COMMON REGULATORY OBJECTIVES FOR PC EQUIPMENT**

## **PART 2**

### **SPECIFIC ASPECTS OF PC EQUIPMENT**

#### **1. SCOPE**

This Common Regulatory Objective, CRO, is applicable to PC equipment, as defined in Clause 2.

A CRO is structured in 2 parts:

- **Part 1:** Part 1 of all ICT equipment CROs specifies the common and general requirements needed to satisfy the regulatory objectives of the participating Countries.
- **Part 2:** The present document is Part 2 of the PC equipment CRO and specifies, for PC equipment, the specific requirements needed to satisfy the regulatory objectives of the participating Countries.

The validity of a CRO is only achieved with the full application of both Part 1 and Part 2.

This CRO specifies the requirements needed to satisfy the regulatory objectives of Countries. Thus, this agreement will allow PC equipment, which is in compliance with this CRO to be placed on the market and be put into service as equipment within Countries that have implemented this CRO.

#### **2. PC EQUIPMENT**

A Personal Computer (PC) equipment can consist of a central unit for processing, and separate keyboard and Visual Display Unit (VDU). These functions can also be combined into one unit, typically for the case of a portable PC. It can be equipped with one or more ports for external communications.

#### **3. REFERENCES**

There are no specific references related to this CRO apart from what is given in Part 1.

#### **4. DEFINITIONS**

There are no specific definitions related to this CRO apart from what is given in Part 1.

## **5. PRODUCT REQUIREMENTS**

This CRO covers the legitimate regulatory objectives for PC equipment.

The objectives cover:

- Safety
- Electromagnetic Compatibility

## **6. REFERENCE TO STANDARDS**

The recognized standards relevant for this CRO are listed in the Annex.

ANNEX

PC equipment shall be held to be compliant if they comply with each of the standards listed. The version of the standard listed is valid at the time of publication of this CRO. Subsequent versions of the listed standards are accepted unless otherwise stated by Countries having agreed on this CRO.

Conformity requirements can be found in the standards where the technical requirements are defined, or in separate standards.

**A. Safety**

IEC 60950 (1999) Safety of information technology equipment

National deviations/ amendments to IEC 60 950 National deviations or amendments valid in countries that participate in the CRO

**B. Electromagnetic Compatibility**

CISPR 22:1997 + Am1:2000 Class B “Information technology equipment – Radio disturbance characteristics – Limits and methods of measurement”

FCC Part 15.109 Class B **Additional for emissions above 1 GHz:** “Radio Frequency Devices; Unintentional Radiators; Radiated emission limits”

IEC 61000-3-2:1995 + Amendments **For equipment with AC mains power:** “Electromagnetic compatibility (EMC) – Part 3-2: Limits – Limits for harmonic current emissions (equipment input current  $\leq 16$  A per phase)”

IEC 61000-3-3:1995 **For equipment with AC mains power:** “Electromagnetic compatibility (EMC) – Part 3-3: Limits – Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current  $\leq 16$  A per phase and not subject to conditional connection”

CENELEC EN 55024:1998 (Alt: CISPR 24:1997) “Information technology equipment – Immunity characteristics – Limits and methods of measurement”

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