

<u>ITEM</u>	<u>“NEW” LIGHT INDUSTRIAL IMMUNITY STANDARD (EN 50082-1:1997); GENERIC</u>	<u>ITE IMMUNITY STANDARD (EN 55024:1998)</u>
APPLICABILITY	“Generic” Immunity for Residential, Commercial, and Light Industrial equipment	Applies to ITE (Information Technology Equipment)
MANDATORY COMPLIANCE DATE	July 1, 2001	July 1, 2001
SCOPE	Generic Immunity (to be used if no Product Family Standard exists)	Takes precedence over “Generic” Standard for equipment that falls within the scope of ITE
WHAT IS “ITE” EQUIPMENT?	N/A	Definition of “ITE” is per EN 55022:1998, and includes Data Processing equipment, Office Machines, Electronic Business equipment, and Telecommunications equipment.
WHAT ARE THE SPECIFIC DIFFERENCES BETWEEN THESE TWO IMMUNITY STANDARDS?		
1. Surge test	Surge is not required for Signal and Control cables	Extends Surge testing to Signal and Control cables which connect outdoors
2. Dips/Interrupts test	Dips and Interrupts tests are required for AC Power Ports, and limits are defined in milliseconds.	Dips and Interrupts tests required for AC Power Ports. Limits are frequency dependent, and are defined in terms of “period”. Dip/Interrupt testing performed per the Generic Standard is NOT inclusive of all requirements in this ITE Standard.
3. Power Frequency Magnetic test	The requirement is 3 Amps/meter for “devices susceptible to magnetic fields”.	Same as Generic Standard, except the limit is 1 Amp/meter (which is LESS stringent than the Generic requirement.
4. Electrostatic Discharge (ESD) test	Criteria B for 8 kV (air) and 4 kV (Contact) discharge	Same as Generic Standard except the requirements for Contact discharge (both direct and indirect) have been expanded. ESD testing for the Generic Standard may NOT satisfy these ITE requirements.
5. Performance Criteria	Performance Criteria A, B, and C are defined in this Standard and apply only to equipment tested under this Generic Standard.	<p>“Particular” Performance Criteria for specific types of equipment are specified in Normative (“must use”) annexes included in this Standard. These “Particular” criteria apply to Telecommunications Terminal equipment, Data Processing equipment, Local Area Networks, Printers, Copying Machines, Automatic Teller (ATM) equipment, and Point-of-Sale (POST) terminals.</p> <p>Where “Particular” Performance Criteria for specific equipment are not given, then the “General” Performance Criteria A, B, and C are allowed to apply. These “General” Criteria are similar to those defined in the Generic Standard, but the new wording <u>specifically dis-allows any operator intervention for Criteria A and B</u>. Also, Criteria “C” is more specific regarding lost functions and/or stored information.</p>
6. OTHER	-	<p>Other (less specific) changes throughout the Standard may or may not affect test procedures and time required to complete the tests.</p> <p>In general, more <u>Engineering review BEFORE THE SCHEDULED DAY OF TESTING is required</u> in order to assure that any special peripherals are available on-site, and that the proper test plan and performance criteria are applied to the various tests.</p>