

**COLLECTION OF THE CTL DECISIONS  
DECISION SHEET**

<p><b>Standard:</b> IEC 60950 (1999) 3rd ed., IEC 60950-1, 1<sup>st</sup> Ed. (2001)</p>	<p><b>Sub clause:</b> 1.5.1</p>	<p><b>Sheet No.</b> 524</p>
<p><b>Subject:</b> Identification of Critical Components – Minimum description criteria</p>	<p><b>Key words:</b> Components</p>	<p><b>Decision taken at the 40<sup>th</sup> meeting 2003</b></p>
<p><b>Question:</b></p> <p>General insulated wiring and printed wiring boards (pwbs) that are considered critical components are very commonly used in ITE. A single unit may have multiple manufacturers and types of each component within it. In an IECEE CB Report, is it acceptable to identify these critical components by technical information (e.g., electrical ratings, flame class) and reference standard only, and not include manufacturer's name and type number for each component?</p> <p><b>Decision:</b></p> <p>For general insulated wiring and printed wiring boards (pwbs) that are considered critical components, it is acceptable to identify these components in the CB Report by technical information (e.g., electrical ratings, flame class) and reference standard only, and not include manufacturer's name and type number for each component.</p> <p>For wiring and pwbs subjected to special requirements beyond the normal requirements applied to all these types of components, such as multi-layer wire investigated to Annex U, or coated pwbs investigated per 2.10.6, the specific manufacturer and type of the component should be controlled in addition to the technical information.</p> <p><b>Explanatory notes:</b></p> <p>Most general insulated wiring and pwbs used in ITE are subject to the same general requirements, i.e., suitable electrical ratings and material type/flame class. Components from one manufacturer are generally interchangeable with components of another manufacturer as long as the same general technical information/ratings are associated with each component. Therefore, it is reasonable to describe/control these types of components in the CB Report by the general technical information only rather than including the manufacturer's name and type number of the component also.</p> <p>For components used in applications where the standard requires more complex requirements to be applied to them (e.g., Annex U), the manufacturer and type of component may factor into the compliance of that particular component with the Standard. Therefore, the manufacturer's name and type number, in addition to the technical information, should be described/controlled for each component.</p>		