



**INTERNATIONAL ELECTROTECHNICAL COMMISSION**

**TECHNICAL COMMITTEE NO. 74: SAFETY AND ENERGY EFFICIENCY OF IT EQUIPMENT**

**Chairman's Advisory Panel - Q.42**

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TC74 established a Chairman's Advisory Panel in 1987. The purpose of the panel was to provide the opinion of experienced members of TC74 to questions of the intent of specific requirements in IEC 60950.

The following notes are to be read in conjunction with opinions of the Panel.

1. The Panel consists of active members of TC74, but its opinions are those of the Panel and are not voted decisions of the IEC.
2. Where it is felt that a query arose due to lack of clarity in a standard, the matter was brought to the attention of the appropriate group in TC74.
3. Panel opinions were restricted to interpretation of the words of the standard in question, as the members of the Panel recollect the original intentions of TC74. The Panel was not concerned with the application of the standard by test agencies and approval authorities.

Questions related to IEC 60950, Edition 3 are welcome. Such inquiries are to be forwarded through the questioner's National Committee to the TC74 Secretary. Responses are sent directly to the questioner, are shared with TC working group members through the TC74 IEC web site and sent to the Secretary of the IEC/CTE/CTL for consideration.

TC 74 Chairman's Advisory Panel

**QUESTION 42**  
2000

**Question**

IEC 60950, Ed. 3, 2.10, internal insulation of multi-layer boards

The subject of the distance between two adjacent tracks on the same inner layer of a multi-layer printed board is covered by both 2.10.5.1 and 2.10.8, but the requirements are different. Which of the requirements should apply?

- a) 2.10.8, specifying the spacings of 2.10.5.1 plus tests for reliability of cementing, but whose applicability is mandated only in a Note;  
or
- b) 2.10.5.3, specifying the spacings of 2.10.5.1 without testing.

**Opinion of the Panel**

2.10.5.3 is the applicable requirement.

**Action**

Note 2 to 2.10.8 will be deleted from the standard.

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