

COLLECTION OF CTL DECISIONS

Decision

Standard: IEC60950, 2 nd (3 rd) edition	Sub clause: 5.4.3(5.3.3) and App. C1	Sheet n. 386 Page 1 (1)
Subject: Overload of Transformers	Key words: -Transformers -Overload	Decision confirmed at CTL 38th meeting
Question: How do you perform the overload test on a transformer used in a switched mode power supply? Do you agree with the following procedure? A power supply output-circuit shall be loaded with the worst normal load while overloading that secondary winding which supplies the output-circuit. Decision: The load condition at the output of the switched mode power supply which causes the greatest heating effect shall be used. The load is not likely to be a short circuit Explanatory notes: --		