

DECISION SHEET

Standard(s)- (year and edition): IEC 60601-1:1988 Ed.2 Am1+Am2	Sub clause(s): 17 g)	Sheet n°: DSH-405
Subject: Leakage current in secondary circuits	Key words: Leakage current, secondary circuit	Confirmed by CTL at its 39th meeting, in Cologne
Question: If secondary circuit impedances limit the leakage current, is further investigation of secondary circuits required? (refer to sub-clause 52.5).		
Decision: Secondary circuits providing protective means after short-circuiting of inadequate AIR CLEARANCE and CREEPAGE DISTANCE must be investigated. Failure of components in these circuits shall be investigated as a SINGLE FAULT CONDITION. Failure of such components shall be investigated as a SINGLE FAULT CONDITION.		
Explanatory notes: Any such components should be treated in the same way as any other component, i.e. subject to the requirements for correct rating. subject to simulated failure under single fault condition and compliance with AIR CLEARANCE and CREEPAGE DISTANCE requirements.		