

**COLLECTION OF THE CTL DECISIONS
DECISION SHEET**

Standard: IEC 60335-1:1976, 2 nd Ed.	Sub clause: 16.4	Sheet No. DSH-456
Subject: Insulating resistance and electric strength	Key words: - use of metal rod - use of metal foils	Decision taken at the 40 th CTL meeting 2003
<p>Question:</p> <p>During the electric strength test on cord guards and cord anchorages, should a metal rod or metal foil wrapped around the cable be used ?</p> <p>Rationale:</p> <p>See question.</p> <p>Decision:</p> <p>In case of doubt, the cable with the foil wrap is used for cord anchorages and a metal rod for the inlet bushings.</p> <p>The torque for the screw and clamping means should be 2/3 of what is stated in the table of clause 28.</p> <p><u>EXPLANATION:</u></p> <p>The same decision (n.29) is present in the OSM/HA decision list In IEC 335-1:1991 the cable with the foil wrapped around is used in all cases and the torque is specified.</p>		