

## CTL DECISION SHEET

<b>Standard(s)- (year and edition):</b> IEC 61010-1, ed. 2, 2001	<b>Sub clause(s):</b> 9.2.1 a)	<b>Sheet n°: DSH 618</b>
<b>Subject:</b> Flammability rating of internal wiring	<b>Key words:</b> Wires, flammability,	<b>Decision approved by the CTL Plenary meeting 2007</b>
<p><b>Question:</b> Insulated wires shall be equivalent FV-1 or better. Wires are not generally tested and rated according to FV-1. It is not easy to establish equivalence between different test classifications/methods if you are not involved directly in such testing procedures. Wires typically are rated VW-1 or FT-1. It is unclear if these flammability ratings are equivalent and thus acceptable (Same problem exists with IEC 60601-1 ed. 3)</p> <p><b>Decision:</b> Wires rated e.g. VW-1 or FT-1 or according to IEC 60332-1-2 are deemed equivalent and can be accepted.</p> <p><b>Explanatory notes:</b></p>		