

CTL DECISION SHEET

Standard: IEC 60335-1:2001	Sub clause: 22.21 and 22.32	Sheet n°: DSH- 610
Subject: construction	Key words: hygroscopic material magnesium oxide	Decision approved by the CTL in the 44th meeting 2007
<p>Question: A oil filled room heater of Class II has a heating element in class II construction. This construction consists of two layers of independent insulation of magnesium oxide which will be used as basic and supplementary insulation. According to note 2 of clause 22.21 magnesium oxide will be not considered as hygroscopic material. The magnesium oxide is tightly sintered and in line with the tests of sub-clause 22.32 . The end of the heating element (side of the connectors) is protected by a sealing against moisture. Is this construction acceptable because in line with sub-clauses. 22.21 and 22.32?</p> <p>Decision: Yes, the construction proposed is acceptable because in line with the standard.</p> <p>Explanatory notes: The same decision (n.369) is present in the OSM/HA decision list</p>		