

CTL DECISION SHEET (DSH)

Standard(s) (incl. year)	Subclause(s)	Tracking No.	Year
IEC/EN 61558-1 IEC 60529 All editions	17.1.1C 13.4	DSH 1023	2017
Category			
SAFE			
Subject	Keywords	Developed by	Approved at
Dust test for IP 5X and 6X as described in the transformer standard	- Transformers - Dust test - IEC 60529	ETF5-OSM/LUM	2018 CTL Plenary Meeting
Question			
<p>In the horizontal safety function standard for degree of protection provided by enclosures (IP code), IEC 60529, a description of the dust is given in subclause 13.4. However, in the transformer standard the description of the dust diverge a bit as the following wording is added: "and shall have a range of particle size down to and including 1 µm with at least 50% by weight less than 5 µm". This more precise description imply that dust in the dust chamber must be changed when a transformer is tested, this without any technical reasons. For the future, can we use the dust specified in IEC 60529 also for transformers?</p>			
Decision			
<p>The horizontal safety function standard IEC 60529 shall be followed, i.e. the dust specified in subclause 13.4 can be used.</p>			
Explanatory notes			
