

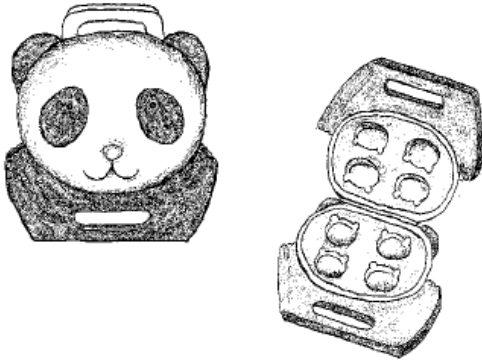
CTL DECISION SHEET (DSH)

Standard(s) (incl. year)	Subclause(s)	Tracking No.	Year
IEC 60335-1:1991 + A1:1994 + A2:1999 (ed. 3.2) IEC 60335-1:2001 + A1:2004 + A2:2006 (ed. 4.2) IEC 60335-1:2010 (ed. 5.0)	22.44	DSH 1081	2013
Category			
HOUS			
Subject	Keywords	Developed by	Approved at
Enclosures representing animals or resembling scale models	- Scale models - Enclosure - Animals	ETF1	2014 CTL Plenary Meeting
Question			
In sub-clause 22.44 of A2 of IEC 60335-1:1991 and IEC 60335-1:2001 + A1:2004 + A2:2006/ IEC 60335-1:2010, the following requirements are specified respectively:			
(A2 of IEC 60335-1:1991)			
<div style="border: 1px solid black; padding: 5px;"> 22.44 Appliances shall not have an enclosure which is shaped and decorated so that the appliance is likely to be treated as a toy by children. <i>Compliance is checked by inspection.</i> NOTE – Examples are enclosures representing animals or persons or resembling scale models. </div>			
(IEC 60335-1:2001 + A1:2004 + A2:2006/ IEC 60335-1:2010)			
<div style="border: 1px solid black; padding: 5px;"> 22.44 Appliances shall not have an enclosure that is shaped or decorated like a toy. NOTE Examples of such enclosures are those representing animals, characters, persons or scale models. <i>Compliance is checked by inspection</i> </div>			
Various types of products are supplied to the market but it is not always clear if they comply with these requirements. We need some actual samples to achieve consensus.			
Decision			
See attachment			
Explanatory notes			
This question is related to CTL DSH 531, which covers IEC 60335-1:1991 + A1:1994 + A2:1999 only. CTL DSH 531 is also applicable for new editions of that standard. The meaning of the text of IEC 60335-1:1991 + A1:1994 + A2:1999 clause 22.44 is the same as that in IEC 60335-1:2010, except for a minor change. A typical sample which caused a change to the requirement (from “and” to “or” in the phrase of “shaped or decorated like a toy”) in clause 22.44 of IEC 60335-1 is Item 8 – Vacuum cleaners, because “decorated” does not always mean “printed” or “painted”. Items 6 and 7 are in compliance with clause 22.44 because they are provided merely with 2-dimensional decals/images/color. In contrast, Items 1 through 5 and 8 are decorated such that the appliances evoke 3–dimensional illusions of toys.			

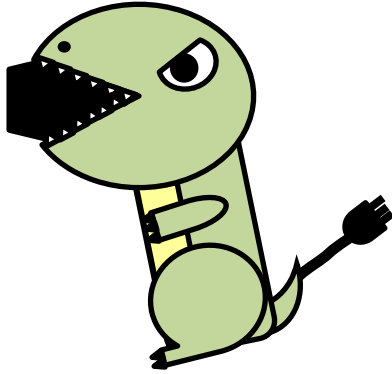
Attachment

Refer to the following samples when you need to judge compliance:

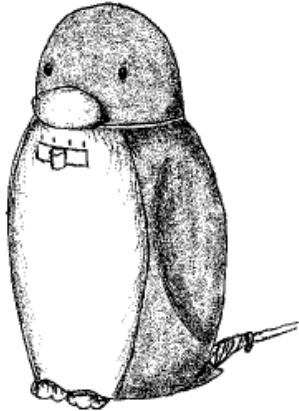
1 – Waffle iron (animals/characters simulated enclosures): Does not comply with sub-clause.



2 – Hair drier (animals/characters simulated enclosures): Does not comply with sub-clause.



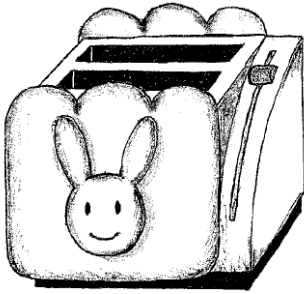
3 – Kettle (animals/characters simulated enclosures): Does not comply with sub-clause.



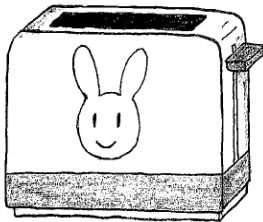
4 – Cushion (animals/characters simulated enclosures): Does not comply with sub-clause.



5 – Toaster (animals/characters partly simulated enclosures): Does not comply with sub-clause.



6 – Toaster (animals/characters printed enclosures): In compliance with sub-clause.



7 – Hair drier (animals/characters printed enclosures): In compliance with sub-clause.



8 – Vacuum cleaners (decorated enclosures): Do not comply with sub-clause.

