☑ CTL Provisional DECISION SHEET (PDSH)
☐ CTL DECISION SHEET (DSH)

Standard(s) (incl. year)	**Subclause(s)**	**Tracking No.**
IEC 60335-2-80:2015	22.102	2289
Category		
HOUS		
Subject	**Keywords**	**Developed by**
Entrapment of child	entrapment, probe 18	ETF 1

Question

Which of the opinions described in the explanatory notes is correct?

Decision

For Clause 20.102, the opinion 2 is correct.

Explanatory notes

Enquiry:
Date: 2025-06

PDSH:
Year of publication: 2025
To be approved at CTL plenary: 2026

DSH
Publication date: ---

Clause 20.102 of IEC 60335-2-80:2015:

20.102 There shall be no risk of entrapment or injury caused by movement of the oscillating head of pedestal fans or table fans.

Compliance is checked by the following test.

Unless the entrapment point is guarded so that it cannot be touched by test probe 18 of IEC 61032, the appliance is operated at rated voltage and test probe 18 is placed at the entrapment point across the width and height of its opening.

If test probe 18 is touched by the moving part, it shall not be subjected to a force exceeding 15 N.

There were different opinions about how to apply the probe 18 to the gap:

Opinion 1: only the finger part of probe 18 is applied (see figure 1 and 2). This requirement is in line with clause 4.13 Holes, clearances and accessibility of mechanisms of ISO 8124-1:2022 Safety of toys-Part 1: Safety aspects related to mechanical and physical properties.

4.13.2 Accessible clearances for movable segments (see E.2 1)

For toys intended for children under 96 months, if accessible clearances for movable segments can admit a 5 mm diameter rod, they shall also admit a 12 mm diameter rod.

Opinion 2: not only the finger part, but also the arm/handle part of probe 18 are applied (see figure 2 and 3).

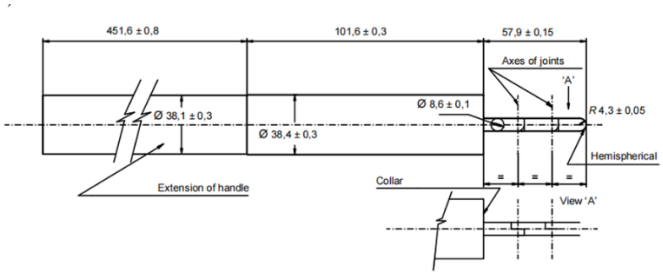


Figure 1 Probe 18

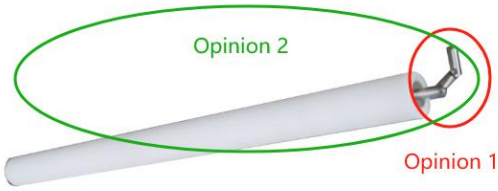
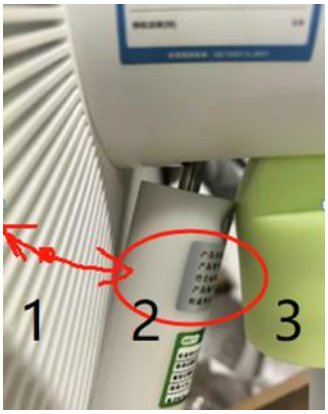


Figure 2 Different part applied of different opinions



Key	Indicate	Remark
1	oscillating head of pedestal fan	The oscillating head of the pedestal fan, capable of multidirectional movement, including horizontal (left–right), vertical (up–down), and full 360-degree rotation, allowing for wide-angle air circulation.
2	handle part of probe 18	-
3	support rod of fan	-
Red circle	"big gap"	between oscillating head and support

Figure 3 Example of opinion 2 also applies handle part of probe 18 to the "big gap”