

## CTL Provisional DECISION SHEET (PDSH)

Standard(s) (incl. year)	Subclause(s)	Tracking No.	Publication date
IEC 60335-2-6:2014 + AMD1:2018 IEC 60335-1: 2020	22.113 as per IEC 60335-2-6:2014 + AMD1:2018  5.5 of IEC 60335-1:2020	2245	2024
<b>Category</b>			
HOUS			
<b>Subject</b>	<b>Keywords</b>	<b>Developed by</b>	<b>To be approved</b>
Unintentional operation test	Clothes	ETF 1	2024 CTL Plenary Meeting
<b>Question</b>			
<p>Clause 22.113 requires that “A white cloth having a mass between 140 g/m<sup>2</sup> and 170 g/m<sup>2</sup>, and dimensions approximately 400 mm × 400 mm, is folded four times into a square pad, saturated with water and placed over the control panel in any position.”</p> <p>Q1) How to ensure that the cloth is appropriately saturated with enough water?</p> <p>Q2) Should the entire cloth be placed on the control panel? Is it sufficient if a fragment of the cloth is placed on the control panel and the rest of the cloth is, for example, on the part of the hob that does not contain touch elements?</p> <p>Q3) The material of the cloth is not specified. Depending on the texture of the material, it will soak up varying amounts of water, which may cause differences in impact and pressure on the control panel. In view of that that, shouldn't the material from which the cloth is made be specified?</p> <p>Q4) Should vessels be placed on all hob elements (including those not in use) during the test? Some hobs will not activate the hob elements without a vessel on it.</p> <p>Additionally, some hobs after turning on the appliance require the user to select the hob element they want to energize and then to set the power. In such cases, at what point of time should the cloth be put on a control panel?</p> <p>Q5) Should the hob element be selected before putting the cloth on the plate (so the cloth just needs to „press” one button to energize the hob); or should the cloth be applied in a specific moment (for example, just after energizing one of the hobs in cases where one hob element is energized and after turning on the appliance in cases where no hobs element is energized).</p>			
<b>Decision</b>			
<p>Q1) clause 5.5 of IEC 60335-1:2020: most unfavourable</p> <p>Q2) clause 5.5 of IEC 60335-1:2020: most unfavourable position</p> <p>Q3) clause 5.5 of IEC 60335-1:2020: most unfavourable</p> <p>Q4) clause 5.5 of IEC 60335-1:2020: most unfavourable position</p> <p>Q5) clause 5.5 of IEC 60335-1:2020: most unfavourable position</p> <p>The question is to be sent to IEC TC 61.</p>			
<b>Explanatory notes</b>			
<p>Some more specific proposals were considered as alternative during the discussions as follows:</p> <p>Q1) The following procedure is suggested to ensure a cloth saturated with water:</p>			

The soaked cloth is hanging vertically while being held at two corners of the same edge. As long as there is water dripping from the cloth, water is squeezed from the cloth until the dripping stops.

Or

Soaking for 3 s in water completely; put it in water without squeezing (worst condition). If squeezed, then again with what force etc...

Q2: The entire cloth shall be placed on the control panel. It is sufficient if a fragment of the cloth is placed on the control panel and the rest of the cloth is, for example, on the part of the hob that does not contain touch elements.

Q3: Proposal maybe the same as for other standard (cotton; see clause 19.103 as per IEC 60335-2-30: 2009+AMD1: 2016+AMD2: 2021)

Q4: Most unfavourable, so with vessels (in case you spill and want to clean it); but you clean normally without vessels, or

Q4: "...in any position without touching any vessel or cooking zone" (IT08 61/6916/RVC IEC TC 61 meeting in Venice, November 2023)

Q5: The selection and adjustment of a hob shall be performed before placing the cloth, if this gives the most unfavourable condition.