

UK INTERPRETATIONS GROUP

The BTHA's interpretations group consisting of BTHA members, test laboratories, manufacturers, importers and retailers has agreed upon the following interpretation.

Interpretation no.	136
Date of submission	19/6/20
Standard/Directive	EN IEC 62115 2020+A11:2020
Clause No	3.48 5.1
Clause Title	Electric toys used in water, electric toys used with liquid and electric toys cleaned with liquid

Question

The image is of a bubble blowing toy involving a bottle of bubbles which is screwed onto the toy.

The heading of clause 11 of EN 62115 implies that such a toy would be covered (“...electric toys used with liquid...”) but then the clause appears to restrict this to “..electric toys used with liquid **and filled from a tap** and electric toys likely to be cleaned with liquid shall have an enclosure providing the appropriate protection.” It then states that “...Electric toys that blow bubbles ... are examples of electric toys used with liquid.”

The test for this category of toy requires that “The electric toy is placed in the filling position according to the instructions and detachable parts are removed. The liquid container of the electric toy is completely filled with water containing approximately 1 % NaCl and a further quantity, equal to 15 % of the capacity of the container or 0,25 l, whichever is the greater, is poured in steadily over a period of 1 min.” This again assumes that the toy is filled from a tap and it cannot be applied to the toy in question.

How should this toy be tested to clause 11 ?



Interpretations Group Answer /Action

The product is clearly intended to be used with liquid. The test method is also clear:

"Compliance for electric toys intended to be used with liquid and electric toys intended to be filled from a tap is checked by the following test. The electric toy is placed in the filling position according to the instructions and detachable parts are removed. The liquid container of the electric toy

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is completely filled with water containing approximately 1 % NaCl and a further quantity, equal to 15 % of the capacity of the container or 0,25 l, whichever is the greater, is poured in steadily over a period of 1 min."

In this case, as the reservoir is detachable from the toy, the reservoir should be filled as stated in the standard with the additional quantity is also poured even if it has little impact on the compliance. The toy should then be submitted to 10.1.
