

UK INTERPRETATIONS GROUP

INTERPRETATION GROUP # 060	REQUEST FOR INTERPRETATION/METHODS	
Standard: EN62115 Edition: 2005 + A2 : 2011	Clause no: 14.16 Clause heading: Construction	Date of Request: 19-07-11
		Source: Tomy
Keywords: Battery Toys. Fixed position above child. Electrolyte leakage.		
Question: Text: <i>All batteries are removed from the toy. The toy is placed in its normal orientation and the battery compartment is filled with the quantity of water specified in Table 2, the water being at a temperature of 21 °C ± 1 °C.</i> In the case of a battery compartment with multiple sub-divided cell compartments should the entirety of the water be introduced to one individual cell compartment or divided appropriately among the sub-compartments?		
Proposer's Comments for an answer: Where battery compartments are in the form of separated sealed sub-compartments each sub-compartment should be treated as an individual "battery compartment" according to the standard text. In other words; the water placed into the sub-compartment shall be equal to the no./size of battery cell in that sub-compartment and not a total of all the water appropriate to the total number of cells for that toy. This to simulate the real scenario of battery leakage from individual cells in separately sealed sub-compartments and not the impossible scenario of accumulation of electrolyte joining together through sub-compartment walls.		
Interpretation Group Comments/Action:		
Status: Forward to BSI: Interpretation Methods Amendment No Further Action		
<p style="color: red;">28.10.2011 The standard is clearly intended to address the possibility of leakage from individual cells. Testing should therefore replicate the real life scenario of each cell leaking into each sub-compartment (not combining the possible leakage of all cells into one sub-compartment which is not realistic.) This was agreed. (#060 to be closed.)</p>		