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ICS 29.220.10

English Version

**Primary batteries - Part 5: Safety of batteries with aqueous  
electrolyte  
(IEC 60086-5:2021/COR1:2022)**

Piles électriques - Partie 5: Sécurité des piles à électrolyte  
aqueux  
(IEC 60086-5:2021/COR1:2022)

Primärbatterien - Teil 5: Sicherheit von Batterien mit  
wässrigem Elektrolyt  
(IEC 60086-5:2021/COR1:2022)

This corrigendum becomes effective on 8 July 2022 for incorporation in the English language version of the EN.



European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

## **Endorsement notice**

The text of the corrigendum IEC 60086-5:2021/COR1:2022 was approved by CENELEC as EN IEC 60086-5:2021/AC:2022-07 without any modification.

INTERNATIONAL ELECTROTECHNICAL COMMISSION  
COMMISSION ÉLECTROTECHNIQUE INTERNATIONALE

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**IEC 60086-5**  
Edition 5.0 2021-09

**IEC 60086-5**  
Édition 5.0 2021-09

**PRIMARY BATTERIES**

**PILES ELECTRIQUES**

**Part 5: Safety of batteries with aqueous  
electrolyte**

**Partie 5: Sécurité des piles à électrolyte aqueux**

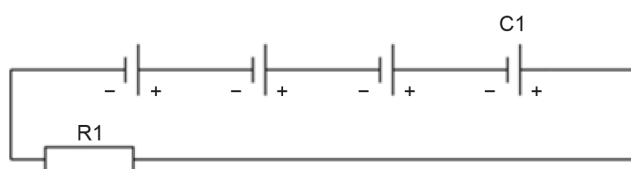
**CORRIGENDUM 1**

Corrections to the French version appear after the English text.

Les corrections à la version française sont données après le texte anglais.

**Figure 5 – Circuit diagram of overdischarge**

*Replace existing Figure 5 by the following new figure:*



IEC

**Table 7 – Marking and packaging requirements**

Replace existing Table 7 by the following new table:

List item	General batteries	Swallowable button cells					
		$d < 16$ mm		$16 \text{ mm} \leq d < 20$ mm		$d \geq 20$ mm	
Electrochemical system		P	L, S	P	L, S	P	L, S
a) Designation, IEC or common	B	C	B	C	B	C	B
b) Expiration of a recommended usage period or year and month or week of manufacture. The year and month or week of manufacture may be in code	B						
c) Polarity of the positive (+) terminal	B	D	B	D	B	D	B
d) Nominal voltage	B						
e) Name or trademark of the manufacturer or supplier	B						
f) Cautionary advice	B						
g) Caution for ingestion of swallowable batteries, see also 7.1 c) and Annex D		p <sup>a,b</sup>	p <sup>a,b</sup>	p <sup>a,b</sup>	p <sup>a,b</sup>	p <sup>a,b</sup>	B <sup>a,b</sup> + p <sup>a,b</sup>
h) Child resistant packaging	NR	NR	NR	NR	R <sup>a,b</sup>	NR	R <sup>a,b</sup>
<b>Key</b>							
<i>d</i> : Diameter							
B: Marking required on cell/battery							
C: Marking required on battery, sealing tab or immediate packaging							
D: Marking required on sealing tab and/or the battery							
P: Marking required on immediate packaging							
R: Child resistant packaging							
NR: Not required							
empty cell: Marking may appear on cell/battery and/or immediate packaging							
<sup>a</sup> See Foreword for transition period.							
<sup>b</sup> When batteries are intended for direct sale in consumer replaceable applications.							

**B.2.2 Other important factors to consider**

Replace the existing text of B.2.2 d) by the following new text:

The battery compartment should be designed such that it accommodates the increase in battery height in accordance with IEC 60086-1:2021, Clause 4.2.2.

**Figure B.5 – Design with respect to battery orientation**

Replace the existing text of NOTE 3 of Figure B.5 by the following new text:

The arrangement in Figure B.5 b) is only considered practical for R14 and R20 size batteries due to the small negative terminal area (dimension d6 of the relevant specification) of the other sizes.