

INTERNATIONAL ELECTROTECHNICAL COMMISSION  
COMMISSION ÉLECTROTECHNIQUE INTERNATIONALE

ISO 80079-36  
Edition 1.0 2016-02

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EXPLOSIVE ATMOSPHERES –

ATMOSPHERES EXPLOSIVES –

Part 36: Non-electrical equipment for explosive atmospheres – Basic method and requirements

Partie 36: Appareils non électriques destinés à être utilisés en atmosphères explosives – Méthodologie et exigences

CORRIGENDUM 1

Corrections to the French version appear after the English text.

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

8.2.1 General

Replace, in bullet point b), the word "surface" with "surface".<sup>1</sup>

8.4.4 Thermal endurance to heat

Replace existing Table 9 with the following new Table 9:

Service temperature $T_s$	Test condition	Alternative test condition
$T_s \leq 70 \text{ }^\circ\text{C}$	$672^{+30}_0$ h at $(90 \pm 5) \%$ RH, at $T_s + (20 \pm 2) \text{ }^\circ\text{C}$ (but not less than $80 \text{ }^\circ\text{C}$ test temperature)	$504^{+30}_0$ h at $(90 \pm 5) \%$ RH at $(90 \pm 2) \text{ }^\circ\text{C}$
$70 \text{ }^\circ\text{C} < T_s \leq 75 \text{ }^\circ\text{C}$	$672^{+30}_0$ h at $(90 \pm 5) \%$ RH at $T_s + (20 \pm 2) \text{ }^\circ\text{C}$	$504^{+30}_0$ h at $(90 \pm 5) \%$ RH at $(90 \pm 2) \text{ }^\circ\text{C}$ followed by $336^{+30}_0$ h dry at $T_s + (20 \pm 2) \text{ }^\circ\text{C}$

<sup>1</sup> This correction applies to the English version only.

<p>Ts &gt; 75 °C</p>	<p>336<sup>0</sup> +30 h  at (90 ± 5) % RH  at (95 ± 2) °C,  followed by 336<sup>0</sup> +30 h dry  at Ts + (20 ± 2) °C</p>	<p>504<sup>0</sup> +30 h  at (90 ± 5) % RH  at (90±2) °C  followed by 336<sup>0</sup> +30 h dry  at Ts + (20 ± 2) °C</p>
<p>Ts is the temperature defined in 3.8 and shall NOT include the increase stated in 8.4.1.</p>		

**11.2 General**

Add, after bullet point n), the following new bullet point:

- o) Ex components shall not include a temperature class or maximum surface temperature marking.

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