INTERNATIONAL ELECTROTECHNICAL COMMISSION

COMMISSION ÉLECTROTECHNIQUE INTERNATIONALE

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ISO 80079-36
Edition 1.0 2016-02

EXPLOSIVE ATMOSPHERES –

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

ISO 80079-36
Édition 1.0 2016-02

ATMOSPHERES EXPLOSIVES –

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 "suface" with "surface".[1]

8.4.4 Thermal endurance to heat

Replace existing Table 9 with the following new Table 9:

Service temperature Ts	Test condition	Alternative test condition
Ts ≤ 70 °C	$672\ ^{+30}_{0}$ h at (90 ± 5) % RH, at Ts + (20 ± 2) °C (but not less than 80 °C test temperature)	
70 °C < Ts ≤ 75 °C	$672\ ^{+30}_{0}$ h at (90 ± 5) % RH at Ts + (20 ± 2) °C	$504\ ^{+30}_{0}$ h at (90 ± 5) % RH at (90 ± 2) °C followed by $336\ ^{+30}_{0}$ h dry at Ts + (20 ± 2) °C

[1] This correction applies to the English version only.

Ts > 75 °C	$^{0}_{+30}$ h 336 at (90 ± 5) % RH at (95 ± 2) °C, $^{0}_{+30}$ h dry followed by 336 at Ts + (20 ± 2) °C	$^{0}_{+30}$ h 504 at (90 ± 5) % RH at (90±2) °C $^{0}_{+30}$ h dry followed by 336 at Ts + (20 ± 2) °C
Ts is the temperature defined in 3.8 and shall NOT include the increase stated in 8.4.1.		

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.