

INTERNATIONAL ELECTROTECHNICAL COMMISSION
COMMISSION ÉLECTROTECHNIQUE INTERNATIONALE

IEC 60079-14
Edition 5.0 2013-11

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EXPLOSIVE ATMOSPHERES –

ATMOSPHERES EXPLOSIVES –

**Part 14: Electrical installations design, selection
and erection**

**Partie 14: Conception, sélection et construction
des installations électriques**

CORRIGENDUM 1

Corrections to the French version appear after the English text.

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

iteh Standards
(<https://standards.iteh.ai>)
Document Preview

9.3 Cables

Replace the existing Subclause 9.3.1 with the following new Subclause:

[IEC 60079-14:2013/COR1:2016](https://standards.iteh.ai/catalog/standards/iec/169aaceb-1eac-4b8b-b65e-d8d80173f132/iec-60079-14-2013-cor1-2016)

9.3.1 General

Cables with a tensile strength for the inner or outer sheaths of less than 8,5 MPa shall not be used.

NOTE: Cables with tensile strength less than 8,5 MPa are sometimes known as “easy tear” cables”.

16.2.2 Cables

Replace the existing first paragraph of Subclause 16.2.2.1 with the following new paragraph:

16.2.2.1 General

Only cables with insulation capable of withstanding a dielectric test of twice the voltage of the intrinsically safe circuit or 500 V r.m.s. (750 V d.c.), whichever is the greater, shall be used in intrinsically safe circuits.

16.2.4.3 Intrinsically safe circuits with only one source of power

Replace the existing fifth paragraph of Subclause 16.2.4.3 with the following new paragraph: