

INTERNATIONAL STANDARD

AMENDMENT 1

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**Explosive atmospheres –
Part 5: Equipment protection by powder filling "q"**

IEC 60079-5:2015/AMD1:2022
<https://standards.iteh.ai/catalog/standards/sist/2921bdc9-c05f-4164-8474-038161cc25dc/iec-60079-5-2015-amd1-2022>



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EXPLOSIVE ATMOSPHERES –

Part 5: Equipment protection by powder filling "q"

AMENDMENT 1

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Amendment 1 to IEC 60079-5:2015 has been prepared by IEC technical committee 31: Equipment for explosive atmospheres.

The text of this Amendment is based on the following documents:

Draft	Report on voting
31/1601/CDV	31/1624/RVC

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this Amendment is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available

at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/publications/.

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 - withdrawn,
 - replaced by a revised edition, or
 - amended.
-

5.1.3 Dielectric strength test of the filling material

Replace the existing title of 5.1.3 with the following new title:

5.1.3 Insulation resistance test of the filling material

5.2.2 Dielectric strength test of the filling material

Replace the existing title of 5.2.2 with the following new title:

5.2.2 Insulation resistance test of the filling material

Figure 2 – Test arrangement for the dielectric strength test of the filling material

Replace the existing title of Figure 2 with the following new title:

Figure 2 – Test arrangement for the insulation resistance test of the filling material

6 Marking

Replace the existing text of the first paragraph of Clause 6 with the following new text:

Electrical equipment, parts of electrical equipment, and Ex Components of powder filling “q” shall be marked “q” or “qb” in accordance with IEC 60079-0, with the following additional marking, as appropriate:

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