

Annex A

(normative)

Supplementary requirements for entry devices

A.1 General

This annex contains the requirements which apply to the construction and testing of entry devices having Type of Protection "t" in addition to the requirements found in IEC 60079-0.

Group III entry devices include cable glands, cable transit devices, conduit sealing devices, blanking elements and thread adaptors as Ex Equipment or Ex Components.

A.2 Construction requirements

A.2.1 Cable glands, cable transit devices and conduit sealing devices

Cable glands, cable transit devices and conduit sealing devices, whether integral or separate, shall meet the joint requirements of 5.1 and the marking requirements of Clause A.4.

A.2.2 Blanking elements and thread adapters

Blanking elements shall meet the joint requirements of 5.1, and the threading requirements of 5.2, 5.3.

Thread adapters may use thread forms other than those in 5.3.2, whether as an Ex Equipment thread adapter or as a thread adapter fitted and assessed as a factory-assembled part of the enclosure.

A.3 Type tests

A.3.1 Cable glands, cable transit devices and conduit sealing devices

Cable glands, cable transit devices and conduit sealing devices, shall comply with the "Test for degree of protection (IP) of cable glands" in IEC 60079-0 as modified by 6.1.1.

A.3.2 Blanking elements and thread adapters

Blanking elements and thread adapters shall comply the "Test for degree of protection (IP) of cable glands" in IEC 60079-0 as modified by 6.1.1.

A.4 Marking

Group III entry devices shall be marked in accordance with Clause 7. The specific thread type and size thread shall be marked in accordance with IEC 60079-0.