

INTERNATIONAL ELECTROTECHNICAL COMMISSION

IEC 60079-31
Edition 2.0 2013-11

EXPLOSIVE ATMOSPHERES –

Part 31: Equipment dust ignition protection by enclosure "t"

INTERPRETATION SHEET 1

This interpretation sheet has been prepared by IEC technical committee 31: Equipment for explosive atmospheres.

The text of this interpretation sheet is based on the following documents:

DISH	Report on voting
31/1604/DISH	31/1615/RVDISH

Full information on the voting for the approval of this interpretation sheet can be found in the report on voting indicated in the above table.

IEC 60079-31:2013, Explosive atmospheres – Part 31: Equipment dust ignition protection by enclosure "t"

Question 1:

The requirements given in 5.3.2 of IEC 60079-31:2013 (Edition 2) permit threaded entries for dust protected enclosures to be:

- Tapered threads with not less than 3 threads,
- Parallel threads with not less than five threads, with a tolerance class of 6H or better according to ISO 965-1,
- Parallel threads with less than five threads with a tolerance class of 6H or better according to ISO 965-1 and are provided with an additional seal or gasket.

Does the description of threads include other thread forms such as ISO 228-1 threads (these threads are commonly referred to as BSPP or Type G threads and BSPT or Type R threads)?