

INTERNATIONAL ELECTROTECHNICAL COMMISSION

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**IEC 60079-28**  
Edition 2.0 2015-05

**EXPLOSIVE ATMOSPHERES –**

**Part 28: Protection of equipment and  
transmission systems using optical radiation**

**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
31/1496/DISH	31/1508/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.

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**Interpretation sheet to the 6<sup>th</sup> paragraph of the Scope of IEC 60079-28:2015 (Edition 2)**

Various interpretations are being made by IECEx ExCB -and ExTL staff regarding the consideration of the risk of ignition from optical sources, and the applicability of IEC 60079-28 in the context of Subclause 6.6.4 of IEC 60079-0:2017. In addition to assistance provided to date on IECEx Decision Sheet DS2018/004, the Liaison with IECEx has indicated that an interpretation sheet addressing the applicability of IEC 60079-28 is required to clarify which equipment that falls into the scope and what does not.

This interpretation is made available for Edition 2 of this standard due to the current use of that standard by manufacturers, conformity assessment schemes and national bodies by means of this “Interpretation Sheet” as follows: