

## **ELECTRICAL APPARATUS FOR EXPLOSIVE GAS ATMOSPHERES –**

### **Part 0: General requirements**

#### **INTERPRETATION SHEET**

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

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

ISH	Report on voting
31/767/ISH	31/778/RVD

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.

#### **Subclauses 26.8 and 26.9 of IEC 60079-0 (2004)**

Following the discussions by the TC 31/WG 22 Task Group addressing the repeatability of the thermal endurance to heat and thermal endurance to cold tests it was proposed that a tolerance be clarified for the test periods in Edition 6, 31/743/DC was issued and comments received and resolved as 31/751A/INF.

These interpretations are made available for edition 4 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:

#### **Details of interpretation:**

#### **Interpretation of subclause 26.8 Thermal endurance to heat and 26.9 Thermal endurance to cold of IEC 60079-0 (2004)**

**Question:** As it is unreasonable to consider them to be the exact test time, are the time frames for the 24 h, 336 h (2 weeks) or 672 h (4 weeks) tests considered to be the minimum times? If so, what is the maximum time?

**Interpretation:** The 24 h, 336 h and 672 h values are considered the minimum number of hours for each of the tests. It is practical that the time periods should not extend beyond  $24^{+2}_0$  h,  $336^{+30}_0$  h,  $672^{+30}_0$  h.

It is intended that this interpretation will be introduced in IEC 60079-0 Edition 6 and therefore an Interpretation Sheet will not be required for this or future editions.