



सीएसआईआर - के० ख० एवं ई० अ० सं० परीक्षण प्रकोष्ठ

CSIR - CIMFR TESTING CELL

TEST CERTIFICATE / परीक्षण प्रमाण पत्र



अतिरिक्त प्रथम प्रति

Additional First Copy

 FORMAT NO.: (CIMFR: DQM: FLP02: F-01:REV-01)  
 (Flameproof & Equipment Safety)

ID NO.: 250/16

CODE NO.: FLP/65/16-17

Result #B: Tests in explosive mixtures: Tests for type of protection Ex 'd' as per IS/IEC 60079-1:2007.

Type Tests			
Clause No.	Description and relevant tests	Remarks	Results (Complies, P- Pass, NA-Not Applicable, F-Fail) References
1	Scope		Complies
2	Normative references		Complies
3	Terms and definitions		Complies
4	Equipment grouping and temperature classification	Gr. IIC & T-class T6	Complies (Result#A2)
5	Flameproof joints	Spigot joint	Complies
6	Cemented joints		NA
7	Operating rods		NA
8	Supplementary requirements for shaft and bearings		NA
9	Light transmitting parts (other than glass)	-----	NA
10	Breathing and draining devices which form part of a flameproof enclosure		NA
11	Fasteners, associated holes and blanking elements		Complies
12	Materials and mechanical strength of enclosures- materials inside the enclosures		Complies
13	Entries for flameproof enclosures		Complies
14	Verification and tests		Complies
<b>15.1</b>	<b>Tests of ability of the enclosure to withstand pressure</b>		
15.1.2	Determination of Explosion pressure (Reference Pressure)		P/As per Result #B1
15.1.3	Over Pressure Test		P/As per Result #B2
<b>15.2</b>	<b>Test for non-transmission of Internal ignition</b>		
15.2.1.1	Test for non-transmission of an Internal ignition		P/As per Result #B3
15.3	Reserved for future use		
15.4	Flame proof enclosures with breathing & draining devices		NA
16	Routine tests	To be conducted by the manufacturer as per Result #B2	
17	Switchgear for Group I		NA
18	Lamp holders and lamp caps		NA
<b>19.3</b>	<b>Supplementary requirements for type tests</b>		
19.3.1.3	Flame erosion test		NA
19.3.2	Flammability		NA
20	Marking	The warning inscription shall read as "ISOLATE SUPPLY BEFORE OPENING"	

Rm 8.9.16