



सीएसआईआर - के० ख० एवं ई० आ० सं० परीक्षण प्रकोष्ठ

CSIR - CIMFR TESTING CELL



TEST CERTIFICATE / परीक्षण प्रमाण पत्र

ORIGINAL COPY

FORMAT NO.: (CIMFR-DOM-FLP02: F-01: REV-01)  
(Flame & Explosion Laboratory)

Revalidation Report No. CIMFR/TC/SR/ 280 Dated: 23 May, 2016

ID NO.: 51/16

CODE NO. FLP/201/15-16

**REPORT OF TEST**

Date of Test: 05/05/2016

**Test Equipment Used:**

- (i) Computer, Kistler Piezo Electric Transducer and Charge Amplifier for conducting Explosion Pressure Tests.  
(ii) Hydraulic Testing Machine.

Result #A: Tests as per IS/IEC 60079-0: 2004:

Clause	Tests	Type 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	Apparatus grouping and temperature classification	Gr. IIB & T-class Ref. test report no.: CIMFR/TC/P/H365, Dated: 10/08/2009	Complies
5	Temperatures	-20°C to 40°C ambient	Complies
6	Requirements for all electrical apparatus		Complies
7	Non-metallic enclosures and non-metallic parts of enclosures		NA
8	Enclosures containing light metals	For Gr. IIB, Mg 0.1% For Zone 1 & 2	Complies
9	Fasteners		NA
10	Interlocking devices		Complies
11	Bushings		NA
12	Materials used for cementing	Epoxy resin compound COT: - 20°C to 150°C	Complies
13	Ex components	-----	NA
14	Connection facilities and terminal compartments		Complies
15	Connection facilities for earthing and bonding conductors		Complies
16	Entries into enclosures		Complies
17	Supplementary requirements for rotating electrical machines		NA