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CSIR - CIMFR TESTING CELL

TEST CERTIFICATE परीक्षण प्रमाण पत्र

Continuation Sheet



ORIGINAL COPY



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

Revalidation Report No. CIMFR/TC/SR/ 436	Dated: 09 August, 2016
ID NO.: 52/16	CODE NO. FLP/201A/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: 2007:

Type Tests			
Clause	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/H364, Dated: 10/08/2009	Complies
5	Temperatures	-20°C to 40°C ambient	Complies
6	Requirements for all electrical apparatus		Complies
6.6	Electromagnetic and ultrasonic energy radiating equipment		NA
7	Non-metallic enclosures and non-metallic parts of enclosures		Complies
8	Enclosures containing light metals	For Gr. IIB, Mg 0.5% For Zone 1 & 2	Complies
9	Fasteners		Complies
10	Interlocking devices	Locking screw	Complies
11	Bushings		NA
12	Materials used for cementing	Epoxy resin & glue 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

Ram
8.8.16