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CSIR - CIMFR TESTING CELL

TEST CERTIFICATE / परीक्षण प्रमाण पत्र

अतिरिक्त प्रथम प्रति
Additional First CopyFORMAT NO.: (CIMFR: DQM: FLP02: F-01: REV-01)
(Flameproof & Equipment Safety)

Proto Report No. CIMFR/TC/P/ 626

Dated: 11 September, 2016

ID NO.: 250/16

CODE NO.: FLP/65/16-17

REPORT OF TEST

Date of Test: 01/09/2016

Test Equipment Used:

- Computer, Kistler Piezo Electric Transducer and Charge Amplifier for conducting Explosion Pressure Tests.
- Impact test setup
- Weatherproof test setup
- Temperature class test setup
- Hydraulic Test Setup

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

| 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. IIC & T-class T6 | Complies (Result#A2) |
| 5 | Temperatures | -20 to 40° 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. II, Mg 0.1% For Zone 1 & 2 | Complies |
| 9 | Fasteners | | NA |
| 10 | Interlocking devices | | NA |
| 11 | Bushings | | NA |
| 12 | Materials used for cementing | | NA |
| 13 | Ex components | ----- | NA |
| 14 | Connection facilities and terminal compartments | | Complies |
| 15 | Connection facilities for earthing or bonding conductors | | Complies |
| 16 | Entries into enclosures | | Complies |

G.M.
8.9.16