



सीएसआईआर - के० ख० एवं ई० अ० सं० परीक्षण प्रकोष्ठ

CSIR - CIMFR TESTING CELL

TEST CERTIFICATE / परीक्षण प्रमाण पत्र

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

ID NO.: 250/16

CODE NO.: FLP/65/16-17

27	<b>Routine verification and tests</b>	<b>Manufacturer's responsibility:</b> Compliance to prototype of the product and physical measurement of gap and flamepath and hydraulic test at the pressure given in <b>Result#B2</b> for every sample.	
28	Manufacturer's responsibility	Conformity of the apparatus to the applicable standards	<b>Complies</b>
29	Marking	<b>Ex d IIC T6 IP-66</b>	
30	Instructions	Instruction related to use, installation, maintenance, adjustment to be provided by the manufacturer along with the apparatus.	

**Result#A1:** 1kg mass of hardened steel allow to fallen vertically on the surface of the enclosure to create impact energy for Gr. II apparatus.

**Result#A2:** The surface temperature rise classification of the above apparatus has been determined by injecting 110% of rated current supply (240V) in the terminal mounted inside the enclosure and the surface temperature classification is considered as **T6** at maximum ambient temperature of 40°C.

**Result#A3: IP-Protection:** Neoprene rubber gasket (5mm thick) is provided at the end of joint for weatherproof IP-66 degree of protection. Tests have been conducted as per IS/IEC 60529:2001 as tabulated below for IP-66 degree of protection.

Sl. No	Type Tests		Results
1.	Dust Test (First Numeral 6)	Clause 13.4& 13.6	No dust had accumulated inside the enclosure in harmful quantity. Pass
2.	Water Test (Second Numeral 6)	Clause 14.2.6	No water had accumulated inside the enclosure in harmful quantity. Pass

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*Rm*  
8.9.16