



सीएसआईआर - के० ख० ए० ई० आर० प्रीक्षण प्रकोष्ठ

CSIR - CIMFR TESTING CELL

TEST CERTIFICATE

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

ID NO.: 55/16

CODE NO.: FLP/213/15-16

27	Routine verification and tests	Manufacturer's responsibility: Compliance to prototype of the product and physical measurement of gap and flamepath and hydraulic test at the pressure given in Result#B2 for every sample.	
28	Manufacturer's responsibility	Conformity of the apparatus to the applicable standards	Complies
29	Marking		Ex d IIB T6 IP-66
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 (10Amp., 220V) in the terminals 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 (outside the flamepath) 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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