

के० ख० एवं ई० अ० सं० परीक्षण प्रकोष्ठ - CIMFR TESTING CELL

केन्द्रीय खनन एवं ईंधन अनुसंधान संस्थान

(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद)



मूलप्रति
ORIGINAL COPY

CENTRAL INSTITUTE OF MINING AND FUEL RESEARCH

FORMERLY : CENTRAL MINING RESEARCH INSTITUTE
(COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH)

बरवा रोड, धनबाद-826015 (भारत) - BARWA ROAD, DHANBAD-826015 (INDIA)

परीक्षण प्रमाण पत्र - TEST CERTIFICATE

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

Proto Report No.: CIMFR/TC/P/144	Dated: 30 April, 2015
Equipment. ID NO. 85/15	Code No. FLP/229/14-15
Application Ref. No.: VMCL/CIMFR/02/2014-15	Dated: 02/02/2015

- Applicant** : M/S.VOLTECH MANUFACTURING COMPANY LIMITED,
VALVES & FLAME PROOF EQUIPMENT DIVISION,
132, 133 & 134, SRI KUMARAN NAGAR,
KUNDRATHUR MAIN ROAD,
KOVUR, CHENNAI-602 101
- Manufacturer** : SAME AS ABOVE
- Apparatus** : Flameproof/Weatherproof (IP-65) Switch/Junction Box.
- Designated by** : Cat. No.: VMC/105
- Gas Group, Zone** : Zone 1& 2 and Gas Group : IIC atmosphere only.
- Electrical ratings**: Rated 16A, 500V AC/DC
- Temperature Class**: T6 (See Result Result#A2)
- Degree of Ingress Protection**: IP-65 (See Result Result#A4)
- Material of Construction**: Cast Aluminium Alloy LM-6 construction. Refer drawing for material thickness at different locations of the enclosure.

10. **Description of the apparatus**: Flameproof/Weatherproof (IP-65) Switch/Junction Box.

A.

Description	Volume in cc		Min. Wall Thickness (mm)	Nos. & Size of Bolts/Fasteners
	Gross	Net		
Single Enclosure	575 cc	475 cc	4mm	3 nos. M8x25mm long Allen FXG. Screws with plain spring washer.

B.

Glass details	Max nos. of Aperture on cover
NIL	1 no. rotary switch & 2 nos. push button

Note: For further details refer drawings.