

कै० ख० एवं ई० अ० सं० परीक्षण प्रकोष्ठ-CIMFR TESTING CELL

केन्द्रीय खनन एवं ईंधन अनुसंधान संस्थान

(वैज्ञानिक, तथा आद्योगिक अनुसंधान परिषद)



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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)

(Flame & Explosion Laboratory)

Equipment ID NO. 21/10

Code No. FLP/183D/09-10

[For association with the report of test sent (under cover of this office letter No. CIMFR/TC/P/191)
Dated: 23rd June, 2010 to M/s. EMCO Dynatorq Pvt. Ltd., 1st Floor, Sita Mauli, Above Bank of Maharashtra, Madanlal Dhingra Road, Panch Pakhadi, Thane (W) - 400 602]

FIRST SCHEDULE

1. **Applicant:** M/s. EMCO Dynatorq Pvt. Ltd.,
1st Floor, Sita Mauli,
Above Bank of Maharashtra,
Madanlal Dhingra Road, Panch Pakhadi,
Thane (W) - 400 602
2. **Manufacturer:** M/S. Emco Dynatorq Pvt. Ltd.,
1002-1003. GIDC, Waghodia,
Dist. Vadodara - 391760
Gujarat.
3. **Title of Apparatus:** Flameproof-Weatherproof (IP-65) Enclosure for Fail Safe Brake in cast aluminium alloy LM-6 Construction.
4. **Type of Ex Protection:** Ex 'd'
5. **Type of Ingress Protection:** IP-65
6. **Cat. No./Type No:** Cat. No.: 458.0, Type No. 14.458
7. **Rating of Apparatus:** rated at 230VAC, 6 to 220VDC, 85Watt, 50Hz.
8. **Temperature Class:** As given in the TABLE # A3
9. **Zones and Gas Group:** Zone 1 & 2, Gas Groups: IIA & IIB atmosphere.
10. **Standard reference:**
 - (a) As to flameproof construction: IS: 2148-2004 (IEC 60079-1/2001)
 - (b) As to general design, rating, performance & T-class: IS: 13346-2004 (IEC 60079-0/2000)
 - (c) As to weatherproof construction IP-65: IS: 12063-1987 (IEC 60529-1989)
11. **Material of construction and minimum thickness:** Cast Aluminum Alloy LM-6 construction and minimum material thickness 12mm.

Prishank
21/06/10