List of Flameproof cum weatherproof control panel in cast aluminium alloy UN-6 construction, designated by type no. FLP-RH-9000 with encapsulated and intrinsically safe Hoodery / Siren, type: IS/IEC-60079-0:2009, IS/IEC 60079-11:2006 and IS:12063-1987 (IEC 60079-1:2008) manufactured by N/S Flameproof Equipments Pvt. Ltd., Mumbai for use in Gas Group IIIB and Zone 1 & Zone 2 hazardous areas of Oil Mines vide DGMS approval no. 289 of 2011 issued vide Director’s letter no. \[2011/06/03\].

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Name of the Equipment</th>
<th>CINFR Test report no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Flameproof cum weatherproof control panel in cast aluminium alloy UN-6 construction, designated by type no. FLP-RH-9000 conforming to IS/IEC 60079-11:2006 and IS/IEC 60079-0:2009</td>
<td>CINFR/TC/MA/12 dated 06.07.2011</td>
</tr>
</tbody>
</table>

(Rahul G. V.)
Director General of Mines Safety
From:
The Director General of Mines Safety
Director General of Mines Safety,
F.O. & Distt: Dhanbad - 826 016.

To:
M/s. Flamproof Equipments Pvt. Ltd.
Plot No.8-39 (Near Mangalik)
New Link Road,
Andheri (W), Mumbai - 400 053.

Sub: Renewal of DGMS approval no. 289 of 2014 under Regulation 73(2) of the Oil Mine Regulations, 1961 for Flamproof C-WM weatherproof control panel in gas Group III, II & G construction, designated by type no. H2A 19.9001 with intrinsically safe booster / Fan type IS IN IIB G2C1 as mentioned in Annexure A manufactured by M/s. Flamproof Equipments Pvt. Ltd., Mumbai for use in Gas Group IIIB and Zone I & Zone 2 hazardous areas of Oil Mines.

Ref: CMER test reports As per Annexure-B.

IDENTIFICATION MARK
DGMS APPROVAL No. 289 OF 2014

Dear Sir,

Please refer to your letter No. FFPI/HED/DGMS/4437/2016 dated 16.10.2016 and subsequent correspondence thereupon the above subject.

Based on DGMS approval no. 289 of 2014 issued vide Directorate's letter no. 266/24/14-EQ dated 15.03.2014, BIS license no. CMRL-285/2015 and CMER test report under reference, I hereby renew the approval upto 19.03.2021 from the date of expiry i.e. from 19.03.2016 for use in Gas Group IIIB and Zone I & Zone 2 hazardous areas of Oil Mines, subject to compliance with conditions stipulated in the original approval as well as Annexure A enclosed with this renewal letter.

Please note that application for renewal should be made at least three (03) months before the date of expiry of the approval.

Yours faithfully,

(Director General of Mines Safety)
DGMS approval no. 280 of 2014 renewed vide Directorate's letter no. 85/1975/16/EN. 

Conditions for renewal of DGMS approval no. 280 of 2014 under Regulation 72(2) of the Oil Mines Regulations, 1984 for flameproof cam wiretap-proof control panel in cast aluminum alloy L46 construction, designated by type no. FLU-208-2000 with encasulated and intrinsically safe Rated / Sealed type IS EMI-PSR-001 as manufactured in M/s. Flameproof Fabrications Ltd., Mumbai for use in Gas Group II B, and Zone I & Zone 2 hazardous areas of Oil Mines.

1. (i) Every unit shall carry conspicuously in a permanent manner the approved identification mark, i.e. "DGMS APPROVAL NO. 280 of 2014 issued vide DGMS letter no. 85/1975/16/EN. 

In addition, every unit shall also carry permanently the Directorate's approval mark as given below:

![DGMS Approval Mark]

(ii) In the nameplate marking shall be in accordance with the applicable requirements of the relevant standard.

2. (a) The design of the electrical circuit shall not be changed without obtaining order approval from this Directorate.

(b) Conspicuous warning inscriptions against opening the cover of the main enclosure or of any apparatus, which gives access to the flame-proof enclosures on live parts of which is designed to receive such attachment unless the supply to the unit is located at source shall be affixed permanently on the respective parts to ensure that all live parts within the unit are made dead and safe.

3. Some parts shall be made readily available to the user as and when required for proper maintenance of the equipment.

4. (a) The customer shall be supplied the copy of this approval letter, the test report from the testing laboratory with the lab certified drawing, or extract of the condition & special condition, the maintenance schedule if any, recommended by the testing laboratory, in their test report so as to maintain safety features of apparatus/equipment.

(b) The customer shall also be provided a copy of factory test report along with drawings, instruction manual on the installation, operation and maintenance of the equipment and spare parts catalogue at the time of delivery of the equipment.

5. The user shall furnish the performance report of the equipment directly to this Directorate after one (1) year of actual use.
6. Any modification to the equipment that might be considered necessary at a later date shall be effected upon being so directed by this Directorate.

7. An officer of this Directorate may at any time draw a sample either from the factory or from the user and get it tested at the cost of the manufacturer if the test.

8. If there occurs any revision of standards applicable to the product/equipment, the manufacturer shall get the product/equipment tested as per revised standards and submit test reports to the customer for information and to this Directorate for further approval/renewal.

9. The cable entry devices, threaded adapters and stops/pins shall be suitable for the equipment and be considered as a part of equipment (not a component). The cable entry device and cabling methods used shall be suitable for the intended duty and for the special type of cable used in mining. Such cable entry devices shall be duly certified as per relevant IS/IEC standards.

10. In case of any permisible variations issued from this Directorate, they shall be read along with this letter and the original approval letter.

11. While seeking final approval, with BIS license in the case of Indian manufacturers and in case of foreign manufacturers, QAR/CAN as may be applicable shall be submitted.

12. The approval is renewed **upto 19.03.2021 from the date of expiry i.e. from 19.03.2016**.

13. The equipment manufactured subsequently shall be identical to the prototype tested at CIMR vice test report Nos. as mentioned in Annexure-4.

14. At the time of applying for renewal, details of supply with name of mine, purchase order and date shall be furnished with the application.

15. If at any time after the conditions subject to which this approval has been granted, is violated or not complied with, this approval shall be deemed to have been revoked with immediate effect.

16. The above approval may be amended or withdrawn at any time, if considered to be necessary in the interest of safety and is being issued without prejudice to any other provisions of law which may be or may become applicable at any time.

(Signed)

[Signature]

Director General of Mines Safety