

Annexure-B

List of flameproof cum weatherproof control panel in cast aluminium alloy LM 6 construction, designated by type no. FLP-RH-9000 with encapsulated and intrinsically safe Hooter / Siren, type: IS-RH-HSR-001 conforming to IS/IEC 60079-0:2004, IS/IEC 60079-18:2004, IS/IEC 60079-11:2006 and IS:12063-1987 (IEC 60529:2001) manufactured by M/s. Flameproof Equipments Pvt. Ltd., Mumbai for use in Gas Group IIB and Zone 1 & Zone 2 hazardous areas of Oil Mines vide DGMS approval no. 280 of 2014 issued vide Directorate's letter no. 306/23/EFQ dated 06-01-2017

Sl. No.	Name of the equipment	CIMFR Test certificate nos.
1.	Flameproof cum weatherproof control panel in cast aluminium alloy LM-6 construction, designated by type no. FLP-RH-9000 conforming to IS/IEC 60079-0:2004 and IS/IEC 60079-0:2004	CIMFR/TC/S/150 dated 08.04.2013 & CIMFR/TC/SR/1734 dated 08.02.2013
2.	Encapsulated and intrinsically safe Hooter / Siren, type: IS-RH-HSR 001 conforming to IS/IEC 60079-0:2004, IS/IEC 60079-18:2004, IS/IEC 60079-11:2006 and IS:12063-1987 (IEC 60529:2001)	CIMFR/TC/P/407 dated 19.07.2011

  
(Rahul Gupta)

Director General of Mines Safety



S 29020/62/75(2)/A/2011/EHQ  
भारत सरकार/Government of India  
श्रम एवं रोजगार विभाग  
Ministry of Labour & Employment  
खान सुरक्षा महाविभाग  
Directorate General of Mines Safety

Speed Post



No. 306/25 /EHQ, Dhanbad, dated

06-03-2017

From:

The Director General of Mines Safety  
Director General of Mines Safety,  
P.O. & Distt: Dhanbad - 826 016.

To:

M/s. Flameproof Equipments Pvt. Ltd.  
Plot No.B-39 (Near Monginis)  
New Link Road,  
Andheri (W), Mumbai - 400 053.

Subj: Renewal of DGMS approval No. 280 of 2014 under Regulation 75(2) of the OI Mines Regulations, 1981 for flameproof cum weatherproof control panel in cast aluminium alloy LM-6 construction, designated by type no. FIP RH 9000 with encapsulated and intrinsically safe Hooter / Siren, type: IS-RH-HSR 001 as mentioned in Annexure B manufactured by M/s. Flameproof Equipments Pvt. Ltd., Mumbai for use in Gas Group IIB and Zone 1 & Zone 2 hazardous areas of OI Mines.

Ref: CIMFR test reports As per Annexure-B.

IDENTIFICATION MARK  
DGMS APPROVAL NO. 280 OF 2014

Dear Sir,

Please refer to your letter No. FEPI/HRD/DGMS/448/2015 dated 10.10.2015 and subsequent correspondence thereupon the above subject.

Based on DGMS approval no. 280 of 2014 issued vide Directorate's letter no. 306/314/EHQ dated 15.03.2014, BIS License no. CM/L-0850895 and CIMFR 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 IIB and Zone 1 & Zone 2 hazardous areas of OI 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,

(Ratan Doha)

Director General of Mines Safety

End : Annexure -A & B

Annexure-A

DGMS approval no. 280 of 2014 renewed vide Directorate's letter no. 306/25 /EHQ dated 06-01-2017

Conditions for renewal of DGMS approval K. 280 of 2014 under Regulation 75(2) of the Oil Mines Regulations, 1964 for flameproof cum weatherproof control panel in cast aluminium alloy LM-6 construction, designated by type no. FLR-RH-9000 with encapsulated and intrinsically safe Hooter / Siren, type: IS-RH-HSR-001 as mentioned in Annexure-B manufactured by M/s. Flameproof Equipments Pvt. Ltd., Mumbai for use in Gas Group IIB, and Zone 1 & Zone 2 hazardous areas of Oil Mines.

1. (i) Every unit shall carry conspicuously in a permanent manner the aforesaid identification mark, i.e. 'DGMS APPROVAL NO. 280 of 2014 Issued vide DGMS letter no. 306/25 /EHQ dated 06-01-2017'

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



- (ii) In the nameplate marking shall be in accordance with the applicable requirements of the relevant standards.
2. (a) The design of the electrical circuit shall not be changed without obtaining prior 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 flameproof enclosures on live parts or which is designed to receive cable attachment, unless the supply to the unit is isolated at source, shall be affixed permanently on the respective part to ensure that all live parts within the unit are made dead and safe.
3. Spare 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, an extract of the condition & special conditions, maintenance schedule, if any, recommended by the testing laboratory in their test report(s) 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 spares 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 (01) year of actual use.

Contd. 9-2

K. J. S. Kumar  
24/01/2017

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 adaptors and stopping plugs 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 their 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 permissible variations issued from this Directorate, they shall also be read along with this letter and the original approval letter.
11. While seeking final approval, valid BIS license in the case of Indian manufacturers and in case of foreign manufacturers, QAR/QAN 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 proto type tested at CIMFR vide test report Nos. as mentioned at Annexure-B.
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 any of 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 so 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.

  
(Rahul Guria)  
Director General of Mines Safety