



S-29020/40/75(2)/A/2015/EHQ
भारत सरकार/Government of India
श्रम एवं रोजगार मंत्रालय
Ministry of Labour & Employment
खा सुरक्षा महाविद्यालय/

स्पीड पोस्ट



No. 611/1837 /EHQ, Dhanbad, dated 07-09--2016

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

To
Shri Kannan Vijayrangam - Managing Director
M/s. Boiler Controls Private Limited,
No. 1/5, Alexendria Road, Cantonment,
Tiruchirappalli - 620001.

Sub:- Approval under Regulation 75(2) of the Oil Mines Regulations, 1984 for Remote Ignition System (RIS) manufactured by M/s. Boiler Controls Private Limited, Tiruchirappalli using the DGMS approved FLP enclosure of Sudhir Switchgears Pvt. Ltd. and Junction box of M/s. FCG Flameproof Control Gears Pvt. Ltd conforming to IS/IEC 60079-1:2007, IS/IEC 60079-0:2004 and IS/IEC 60529:2001 for use in Zone-1 & Zone-2 and Gas Group IIB hazardous areas of Oil Mines in India.

Ref:- ETDC, CIMFR, CPRI reports (as mentioned in Annexure -B).

IDENTIFICATION MARK
DGMS APPROVAL No. 367... OF 2016

Dear Sir,

Based on the ETDC, CIMFR, CPRI reports (as mentioned in Annexure -B) and performance report submitted from M/s. Oil and Natural Gas Corporation Ltd., Ankleshwar Asset, approval is hereby accorded to the subject equipment for use in Zone-1 & Zone-2 and Gas Group-IIB hazardous areas of Oil Mines for a period of **five (05) years from the date of issue of this letter**, subject to compliance with conditions stipulated in Annexure-A.

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

Yours faithfully,

(Rahul Guha)

Director General of Mines Safety

Encl: Annexure A & B

ANNEXURE-A

Approval No.....367.....of 2016 issued vide Directorate's letter no.....511/1837.....
/EHQ dated07-09-2016.....

Conditions for Approval under Regulation 75(2) of the Oil Mines Regulations, 1984 for Remote Ignition System (RIS) manufactured by M/s. Boiler Controls Private Limited, Tiruchirapalli using the DGMS approved FLP enclosure of Sudhir Switchgears Pvt. Ltd. and Junction box of M/s. FCG Flameproof Control Gears Pvt. Ltd conforming to IS/IEC 60079-1:2007, IS/IEC 60079-0:2004 and IS/IEC 60529:2001 for use in Zone-1 & Zone-2 and Gas Group IIB hazardous areas of Oil Mines in India.

1. Every Remote Ignition System (RIS) shall carry conspicuously in a permanent manner the aforesaid identification mark, i.e. 'DGMS APPROVAL NO. ...367... of 2016 issued vide DGMS letter no.511/1837...../EHQ dated.....07-09-2016....."

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



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. The individual flameproof apparatus associated with the equipment shall have valid DGMS approval while in use.
5. (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.
6. The user shall furnish the performance report of the equipment directly to this Directorate after one (01) year of actual use.

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7. While seeking renewal of approval, valid BIS license in the case of Indian manufacturers and in case of foreign manufacturers QAR/QAN for the associated flameproof / weatherproof apparatus, as may be applicable, shall be submitted.
8. Any modification to the equipment that might be considered necessary at a later date shall be effected upon being so directed by this Directorate.
9. 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 reports are not satisfactory, this approval shall be deemed to be suspended.
10. 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.
11. 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.
12. The cables in Machine shall conform to requirement of provisions of the DGMS Tech. Circular (Electrical) No. 12 dated 25.05.2015 and corrigendum vide DGMS Tech. Circular (Electrical) Approval No. 01 dated 19.02.2016 in addition to the special requirement, if any, specifically for the safe operation of the machine.
13. The approval is accorded for a period of **five (05) years from the date of issue of this letter.**
14. The equipment manufactured subsequently shall be identical to the proto type tested at ETDC, CIMFR, CPRI reports (as mentioned in Annexure -B)..
15. At the time of applying for renewal, details of supply with name of mines, purchase order and date shall be furnished with the application.
16. 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.
17. 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 Guha)

Director General of Mines Safety