

By Registered Air Mail



S-29020/60/208(3)/A/2015/EHQ
भारत सरकार/ Government of India
श्रम एवं रोजगार मंत्रालय
Ministry of Labour & Employment
खान सुरक्षा महानिदेशालय
Directorate General of Mines Safety



No. **818/109** /EHQ, Dhanbad, dated **31-01-2019**

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

To
Mr. Maciej Kulakowski (Certification & Approvals Mng.-Ind.)
M/s. Trolex Ltd., 10 Newby Road, Hazel Grove,
Stockport, SK7 5DY, United Kingdom.

Sub:- DGMS approval under Regulation 208 (3) of the Coal Mines Regulations, 2017 for Intrinsically Safe TX5922 Vortex Gas Flow Sensor/Transmitter manufactured by M/s. Trolex Ltd., UK conforming to IS/IEC 60079-11:2006, IS/IEC 60079-0:2004 and IS/IEC 60529-2001 for use in below ground coal mines.

Ref:- CIMFR Test Certificate No. CIMFR/TC/P/H553 dated 24.12.2014.

IDENTIFICATION MARK
DGMS APPROVAL No. **748** OF 2019

Dear Sir,

In reference to the field trial permission issued vide letter No. 2142/EHQ dated 05.11.2015 and based on the performance report received from M/s. Singareni Collieries Company Limited, P.O.: Kothagudem, Distt: Khammam-507 101(A.P.) and test reports as referred above, approval is hereby accorded to Intrinsically Safe TX5922 Vortex Gas Flow Sensor/Transmitter for use in belowground coal 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,

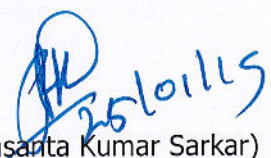
25/01/19
(Prasanta Kumar Sarkar)

Director General of Mines Safety

Encl : Annexure-A

RECEIVED 20 FEB 2019

8. 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.
9. The plug and socket assembly affixed to the motors/panel, if provided, will be so interlocked as to prevent removal of plug from the socket while alive.
10. Spare parts shall be made readily available, as and when required for proper maintenance of the equipment.
11. Any failure in the equipment shall be intimated to this Directorate.
12. 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.
13. The relevant provisions of the Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2010 shall be complied with in all matter relating to the installation, operation and maintenance of the equipment.
14. The approval of the subject equipment is with regard to Ex standards mentioned herein. Other relevant standards applicable for assessment of its electrical parameters required under type test have not been taken into consideration.
15. All circulars/general approvals issued by DGMS from time to time, relevant to the equipment shall also be complied with.
16. The approval is accorded for a period of **five (05) years from the date of issue of this letter.**
17. At the time of applying for renewal, details of supply with name of mines, purchase order and date shall be furnished with the application.
18. 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.
19. 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.


(Prasanta Kumar Sarkar)
Director General of Mines Safety