



S-29020/75/181(3)/FTP/2015/EHQ  
भारत सरकार/Government of India  
श्रम एवं रोजगार मंत्रालय  
Ministry of Labour & Employment  
खाा सुरक्षा महादिशालय/  
Directorate General of Mines Safety



No. 618/232 /EHQ,

Dhanbad, dated the 10-02-2017

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

To  
Mr. John Pierce-Jones - Chairman  
M/s. Trolex Ltd.,  
10 Newby Road, Hazel Grove,  
Stockport, SK7 5DY, United Kingdom.

Sub: DGMS approval under Regulation 181 (3) of the Coal Mines Regulations, 1957 for Intrinsically Safe TX6273 Temperature 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 report Nos. CIMFR/TC/P/H698 dated 27.02.2015 and CIMFR/Amend/FLP/Sept./15-16dated 29.09.2015.

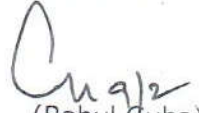
IDENTIFICATION MARK  
DGMS APPROVAL NO. 721.. OF 2017

Dear Sir,

Based on performance report received from M/s. Western Coalfields Ltd., and above test reports under reference, approval is hereby accorded to the subject equipment for a period of **five (05) years from the date of issue of this letter** for use in belowground Coal Mines, subject to compliance with the conditions stipulated in the Annexure.

Please note that 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.

DGMS Approval No. 721 of 2017 issued by this Directorate's letter no. 618/232/EHQ dated 10-02-2017

Conditions for DGMS approval under Regulation 181 (3) of the Coal Mines Regulations, 1957 for Intrinsically Safe TX6273 Temperature 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.

1. Every unit shall carry conspicuously in a permanent manner the aforesaid identification mark, i.e. 'DGMS APPROVAL NO. 721 of 2017 issued vide DGMS letter No. 618/232/EHQ dated 10-02-2017'.

In addition, every unit shall also carry permanently this Directorate's approval mark, as 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. (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.
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. The TX6273 Temperature Sensor Transmitter shall be connected with appropriate certified and approved intrinsically safe supply having suitable entity parameters.

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*K. J. Lakshmi*  
08/02/2017



8. Substitution of components is not allowed, which may impair intrinsic safety.
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. While seeking renewal of 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.
11. 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.
12. The approval is accorded for a period of **five (05) years from the date of issue of this letter.**
13. The equipment manufactured subsequently shall be identical to the proto type tested at CIMFR vide test report No. CIMFR/TC/P/H698 dated 27.02.2015 and CIMFR/Amend/FLP/Sept./15-16dated 29.09.2015.
14. At the time of applying for renewal, details of supply with name of mines, 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 Guha)

Director General of Mines Safety