



S-29020/51/75(2)/A/2015//EHQ  
 भारत सरकार/Government of India  
 श्रम एवं रोजगार मंत्रालय  
 Ministry of Labour & Employment  
 खान सुरक्षा महानिदेशालय/



No. 613/2210 /EHQ, Dhanbad, dated 09-11-2016

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

To  
 Shri Senthil Ashok Kumar, Head- Engineering.  
 M/s. Asco Numatics (India) Pvt. Ltd.  
 No. 57, Kundrathur Main Road  
 Gerugambakkam, Porur, Chennai-600128.

Sub:- Approval under Regulation 75(2) of the Oil Mines Regulations, 1984 for flameproof/weatherproof Solenoid Operator, with Pressure dia. cast aluminium alloy LM-24, designated by type No. WSNF/NF MXX manufactured by M/s. Asco Numatics (India) Pvt. Ltd., Chennai conforming to IS/IEC 60079-0:2004, IS/IEC 60079-1:2007 and IS/IEC 60529-2001 for use Gas Group IIC & Zone-1 hazardous areas of Oil Mines under Regulation 75(2) of the Oil Mines Regulation, 1984.

Ref:- CIMFR test report No. CIMFR/TC/P/H253 dated 11.07.2012

IDENTIFICATION MARK  
 DGMS APPROVAL No. 369 OF 2016

Dear Sir,

Based on the CIMFR test report under reference and performance report submitted from M/s. Cairn India Ltd., approval is hereby accorded to the subject equipment for use in Gas Group IIC & Zone-1 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.

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

Yours faithfully,

(Rahul Guha)

Encl: Annexure

Director General of Mines Safety

Approval No. 369 of 2016 issued vide Directorate's letter no. 613/2210  
/EHQ dated 09-11-2016

Conditions for Approval under Regulation 75(2) of the Oil Mines Regulations, 1984 for flameproof/weatherproof Solenoid Operator, with Pressure dia. cast aluminium alloy LM-24, designated by type No. WSNF/NF MXX manufactured by M/s. Asco Numatics (India) Pvt. Ltd., Chennai conforming to IS/IEC 60079-0:2004, IS/IEC 60079-1:2007 and IS/IEC 60529-2001 for use Gas Group IIC & Zone-1 hazardous areas of Oil Mines under Regulation 75(2) of the Oil Mines Regulation, 1984.

1. Every equipment shall carry conspicuously in a permanent manner the aforesaid identification mark, i.e. 'DGMS APPROVAL NO. 369 of 2016 issued vide DGMS letter no. 613/2210 /EHQ dated 09-11-2016'.

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. (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.

*K. Lakshman*  
07/11/2016

7. 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.
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. 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.
10. 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.
11. The warning inscription be permanently fixed and shall read as "DO NOT OPEN WHEN ENERGISED DELAY OPENING FOR 35 MINUTES".
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 test report No. CIMFR/TC/P/H253 dated 11.07.2012.
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