



S-29020/50/181(3)/A/2014/EHQ  
भारत सरकार/Government of India  
श्रम एवं रोजगार मंत्रालय  
Ministry of Labour & Employment  
खान सुरक्षा महानिदेशालय/  
Directorate General of Mines Safety

Regd. Airmail



No. 474/1738 /EHQ, Dhanbad, dated the

26-08 -- 2016

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

To  
Shri Jim Morrison - Certification Manager  
M/s. Ampcontrol UK Ltd.,  
66, Third Avenue,  
Heatherhouse Industrial Estate,  
Irvine Ayrshire, Scotland,  
KA 12 8HN, United Kingdom.

Sub:- DGMS approval under Regulation 181(3) of the Coal Mines Regulations, 1957 for flameproof electrical equipment to be used with AW2000/IN8, 8 Drive, 1.5MVA Flameproof Power Centre as mentioned in Annexure-B manufactured by M/s. Ampcontrol UK Ltd., conforming to IS/IEC 60079-1:2007 and IS/IEC 60079-0:2004 for use in belowground coal mines in India.

Ref: CIMFR test certificate as per Annexure-B.

IDENTIFICATION MARK  
DGMS APPROVAL No. 712... OF 2016

Dear Sir,

Based on the CIMFR test report under reference and performance report received from M/s. South Eastern Coalfields Limited, Bilaspur (Chhatisgarh), approval is hereby accorded to flameproof electrical equipment to be used with AW2000/IN8, 8 Drive, 1.5MVA Flameproof Power Centre as mentioned in Annexure-B for use in belowground Coal Mines in India for a period of **five (05) years from the date of issue of this letter**, subject to compliance with the conditions stipulated in the 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

DGMS APPROVAL no. 712 of 2016 issued vide Directorate's letter no. 474/1738/EHQ dated 26-08-2016

Conditions for DGMS approval under Regulation 75(2) of the Oil Mines Regulations, 1984 for AW2000/IN8, 8 Drive, 1.5MVA Flameproof Power Centre to be used with other flameproof electrical equipment as mentioned in Annexure-B manufactured by M/s. Ampcontrol UK Ltd., conforming to IS/IEC 60079-1:2007 and IS/IEC 60079-0:2004 for use in belowground coal mines in India.

1. Every unit shall carry conspicuously in a permanent manner the aforesaid identification mark, i.e. 'DGMS APPROVAL NO. 712 of 2016 issued vide DGMS letter no. 474/1738/EHQ dated 26-08-2016'.

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.

Contd.P-2

*K. Lakshmi*  
19/08/2016

*[Signature]*

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 reports are not satisfactory, this approval shall be deemed to be suspended.
8. 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 / intrinsically safe apparatus, as may be applicable, shall be submitted.
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. 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 approval is accorded for a period of **five (05) years from the date of issue of this letter.**
12. The equipment manufactured subsequently shall be identical to the proto type tested at CIMFR vide certificate as per Annexure-B.
13. At the time of applying for renewal, details of supply with name of mines, purchase order and date shall be furnished with the application.
14. 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.
15. 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

**Annexure-B**

List of flameproof electrical equipments to be used with AW2000/IN8, 8 Drive, 1.5MVA Flameproof Power Centre manufactured by M/s. Ampcontrl UK Ltd., United Kingdom conforming to IS/IEC 60079-1:2007 and IS/IEC 60079-0:2004 for use in belowground coal mines in India under Regulation 181(3) of the Coal Mines Regulations, 1957 issued by Directorate's letter no. 474/1738/EHQ, dated 26-08-2016

Sl. No.	Description of electrical equipments	Manufacturer (M/S)	CIMFR Test Certificate nos.
1	AW2000/IN8, 1100V/550V, 800A Load Centre	M/s. Ampcontrl UK Ltd., United Kingdom	CIMFR/TC/P/82 Dated: 07.05.2014
2	FLP Mining Transformer type AW2000/INT4, 1.5MVA, 3300V/1100V/550V	M/s. Ampcontrl UK Ltd., United Kingdom	CIMFR/TC/P/851 Dated: 31.03.2014
3	Transformer Mounted Circuit Breaker Unit designated by Type: AW2000/INE10, 3.3 kV, 400A.	M/s. Ampcontrl UK Ltd., United Kingdom	CIMFR/TC/P/H639 Dated: 27.12.2013

  
(Rahul Guha)  
Director General of Mines Safety