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B-29020/107/6113/A/2015/E HQ  
भारत सरकार / Government of India  
मंत्रालय रोजगार मंत्रालय  
Ministry of Labour & Employment  
कार्यालय सुरक्षा विभाग  
Directorate General of Mines Safety

By Registered Airmail



No. 616/88 /EHQ, Dhanbad, dated 18-01-2017

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

To  
Mr. Ian Roberts - Managing Director  
M/s. Davis Derby Limited  
Chequers Lane, Derby, England  
DE 21 6 AW.

Subj:- DGMS approval under Regulation 101(3) of the Coal Mines Regulations, 1952 for Flameproof and Intrinsically Safe Power supplies and Relay Unit, Type PS21 Series (PS21-B\*/PS21\*/PS21-B\*/PS21-R\*/PS21-BD/PS21-D/PS21-RD/PS21-RO/PS21/Int R Relay Unit) manufactured by M/s. Davis Derby Limited, UK conforming to IEC 60079-0:2011, IEC 60079-1:2007-4 and IEC 60079-11:2011 for use in belowground Coal Mines.

Ref:- SGS Baseels Certification test report No. IECEx BAS 09.0051 dated 11.04.2017.

IDENTIFICATION MARK  
DGMS APPROVAL No. 718 OF 2017

Dear Sir,

Based on the Sgs Baseels Certification test report Under reference and performance report received from M/s. Singareni Collieries Company Limited, P.O.: Kochegudem, Distt: Khammam 507 101(A.P.) approval is hereby accorded to the subject equipment 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 the conditions stipulated in the Annexure.

Yours faithfully,

(Ravi Gita)

Encl: Annexure

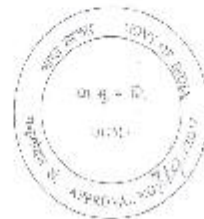
Director General of Mines Safety

DGMS Approval no. 719 of 2017 issued vide Directorate's letter no. 216/88/EHQ dated 18-01-2017

Conditions for DGMS approval under Regulation 181(3) of the Coal Mines Regulations, 1957 for Flameproof and Intrinsically Safe Power supplies and Relay Unit, Type PS21 Series (PS21-B\*/PS21-1\*/PS21-2\*/PS21-3\*/PS21-R\*/PS21-BD/PS21-D/PS21-RD/PS21-RO/PS21) Int R Relay Unit manufactured by M/s. Davis Darby Limited, UK conforming to IEC 60079-0:2011, IEC 60079-1:2007-4 and IEC 60079-11:2011 for use in belowground Coal Mines.

- Every unit shall carry conspicuously in a permanent manner the following identification mark, i.e. DGMS APPROVAL NO. 719 of 2017 issued vide DGMS letter no. 216/88/EHQ dated 18-01-2017.

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



- The design of the electrical circuit shall not be changed without obtaining prior approval from this Directorate.
  - 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.
- Spares parts shall be made readily available to the user as and when required for proper maintenance of the equipment.
- 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.
  - 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.
- The user shall furnish the performance report of the equipment directly to this Directorate after one (01) year of actual use.
- Any modification to the equipment that might be considered necessary at a later date shall be effected upon being so directed by this Directorate.

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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. 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.
9. 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.
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 cutting 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 approval is accorded for a period of **05 (five) years from the date of issue of this letter.**
12. The equipment manufactured subsequently shall be identical to the proto type tested at SGS Baseefa Certification test report No. IECEx BAS 09 0051 dated 11.04.2015.
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 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.

  
(Ranu Datta)  
Director General of Mines Safety