

By Registered Air Mail



S-29020/11/75(2)/R/2007/EHQ
भारत सरकार/Government of India
श्रम एवं रोजगार मंत्रालय
Ministry of Labour & Employment
खान सुरक्षा महानिदेशालय/
Directorate General of Mines Safety



No. 615/2255

/EHQ, Dhanbad, dated the 15-11-- 2016

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

To
Shri Justin Pianca, Vice President Asia
M/s. Derrick Solutions International Pte. Ltd.
7500A Beach Road, #16-307,
The Plaza, Singapore 199591.

Sub:- DGMS approval under Regulation 75(2) of the Oil Mines Regulations, 1984 for Flameproof/Weatherproof Integral Horsepower, 3 Phase AC Induction Motor rated at 7.5/5 HP, 1770/1470 RPM, 60/50HZ, upto 460V, in MS fabricated & cast iron construction designated by Frame Size: 213T manufactured by M/s. Baldore Electric Co., FT. Smith, AR 72901-2400 conforming to IS/IEC 600769-1:2007, IS/IEC 60079-0:2004 and IS/IEC 60034-5:2000 for use in Zone 1 & Zone 2 and Gas Group IIB hazardous areas of Oil Mines.

Ref:- CIMFR test report No. CIMFR/TC/P/H635 dated 29.01.2015 and UL Certificate No. 20150826-E6951 dated 26.08.2015.

IDENTIFICATION MARK
DGMS APPROVAL No. 372... OF 2006

Dear Sir,

Based on the test reports under reference and performance reports submitted by M/s. Oil and Natural Gas Corporation Ltd., Rajahmundry Asset, approval is hereby accorded to the subject equipment for use in Zone 1 & Zone 2 and Gas Group IIB hazardous areas of oil mines in India for a period of **five (05) year from the date of issue of this letter**, subject to compliance with the conditions stipulated in the 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)

Director General of Mines Safety

Encl: Annexure

ANNEXURE-A

DGMS Approval No. 372 of 2016 issued vide Directorate's letter no. 615/2215 /EHQ dated 15-11-2016

Conditions for DGMS approval under Regulation 75(2) of the Oil Mines Regulations, 1984 for Flameproof/Weatherproof Integral Horsepower, 3 Phase AC Induction Motor rated at 7.5/5 HP, 1770/1470 RPM, 60/50HZ, upto 460V, in MS fabricated & cast iron construction designated by Frame Size: 213T manufactured by M/s. Baldore Electric Co., FT. Smith, AR 72901-2400 conforming to IS/IEC 600769-1:2007, IS/IEC 60079-0:2004 and IS/IEC 60034-5:2000 for use in Zone 1 & Zone 2 and Gas Group IIB hazardous areas of Oil Mines.

1. Every unit shall carry conspicuously in a permanent manner in approval and identification mark, i.e. DGMS APPROVAL No. 372 OF 2016 issued vide Directorate's letter no. 615/2215 /EHQ dated 15-11-2016

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



2. The design of the electrical circuit shall not be changed without obtaining prior approval from this Directorate.
3. 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.
4. Spare parts shall be made readily available to the user as and when required for proper maintenance of the equipment.
5. (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.
6. The user shall furnish the performance report of the equipment directly to this Directorate after one (01) year of actual use.
7. Valid QAR/QAN shall be submitted within a period of six months from the date of issue of this approval and shall have validity during the period of approval.

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8. Any modification to the equipment that might be considered necessary at a later date shall be effected upon being so directed by this Directorate.
9. In case of aluminium die-cast rotor of the motor, the rotor shall not be dismantled, assembled or kept exposed in the explosive gassy atmospheres to prevent incendive sparking. A caution plate "Aluminium Die-Cast Rotor: Not to be dismantled, assembled or kept exposed in explosive gas atmosphere" shall be provided at conspicuous place without affecting flameproof features of the motor, indicating that the motor is having aluminium die-cast rotor. Operation & maintenance manual of the motor shall also indicate the danger for aluminium die cast rotor due to incendive sparkin g.
10. 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.
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 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.
13. The approval is accorded for a period of **five (05) years from the date of issue of this letter.**
14. The equipment manufactured subsequently shall be identical to the proto type tested vide test report No. CIMFR/TC/P/H635 dated 29.01.2015 and UL Certificate No. 20150826-E6951 dated 26.08.2015.
15. At the time of applying for renewal, details of supply with name of mines, purchase order and date shall be furnished with the application.
16. 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.
17. 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