



S-29020/26/75(2)/A/2015/EHQ
 भारत सरकार/Government of India
 श्रम एवं रोजगार मंत्रालय
 Ministry of Labour & Employment
 खान सुरक्षा महानिदेशालय/
 Directorate General of Mines Safety



No. 518/2248 /EHQ, Dhanbad, dated the 15-11-2016

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

To
 Shri K. Sridharan – Head Operations
 M/s. Yokogawa India Ltd.
 Plot No. 96, Electronics City,
 Hosur Road, Bangalore - 560 100.

Sub:- DGMS approval under Regulation 75(2) of the Oil Mines Regulations, 1984 for Flameproof/Weatherproof and Intrinsically safe EJX530 (HART) Pressure Transmitter in cast aluminum alloy ADC 12 construction designated by Representative Model No.: EJX530A-JCS4N-012EL/KU22 conforming to IS/IEC 60079-11:2006, IS/IEC 60079-0:2004, IS/IEC 60079-1:2007 and IS/IEC 60529:2001 manufactured by M/s Yokogawa Electric Corporation, Japan for use in Zone 1 & Zone 2 area and Gas Group IIC hazardous areas of Oil Mines.

Ref:- CIMFR test report nos. CIMFR test report no. CIMFR/TC/P/H389 dated 09.09.2014 and CIMFR/TC/P/H172 dated 02.07.201.

IDENTIFICATION MARK
 DGMS APPROVAL No. 371... OF 2016

Dear Sir,

Based on the CIMFR test reports under reference and performance reports submitted by the Mine Manager, Mangala Oil and Gas Mine of M/s. Cairn India Ltd., approval is hereby accorded to the subject equipment for use in Zone 1 & Zone 2 and Gas Group IIC hazardous areas of oil mines for a period of **05 (five) years 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

DGMS APPROVAL no. 371 of 2016 issued vide Directorate's letter no. 518/2248 /EHQ dated 15-11-2016

Conditions for DGMS approval under Regulation 75(2) of the Oil Mines Regulations, 1984 for Flameproof/Weatherproof and Intrinsically safe EJX530 (HART) Pressure Transmitter in cast aluminum alloy ADC 12 construction designated by Representative Model No.: EJX530A-JCS4N-012EL/KU22 conforming to IS/IEC 60079-11:2006, IS/IEC 60079-0:2004, IS/IEC 60079-1:2007 and IS/IEC 60529:2001 manufactured by M/s Yogokawa Electric Corporation, Japan for use in Zone 1 & Zone 2 area and Gas Group IIC hazardous areas of Oil Mines.

1. Every equipment shall carry conspicuously in a permanent manner the aforesaid identification mark, i.e. 'DGMS APPROVAL NO. 371 of 2016 issued vide DGMS letter no. 518/2248 /EHQ dated 15-11-2016'.

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.
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.

K. Jeyakumar
07/11/2016

8. 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.
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 approval is accorded for a period of **05 (five) years from the date of issue of this letter.**
11. The equipment manufactured subsequently shall be identical to the proto type tested at CIMFR vide test report nos. CIMFR test report no. CIMFR/TC/P/H389 dated 09.09.2014 and CIMFR/TC/P/H172 dated 02.07.201.
12. At the time of applying for renewal, details of supply with name of mines, purchase order and date shall be furnished with the application.
13. 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.
14. 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