



GOVERNMENT OF INDIA
MINISTRY OF COMMERCE & INDUSTRY
PETROLEUM AND EXPLOSIVES SAFETY ORGANISATION (PESO)
(Formerly Department of Explosives)
CGO COMPLEX SEMINARY HILLS
NAGPUR 440006



Letter No: A/P/HQ/MH/104/3558(P339659)

Email :explosives@explosives.gov.in

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Dated : 30/7/2014

To
M/s. Balluff GmbH
Schurwaldstr. 9. 73765
Neuhausen / Filder
Germany.

Sub:Approval of Micropulse displacement transducer BTL, Type BTL, Type BTL*-****-m****-dex*-(SA***-)* - under Petroleum Rules, 2002.

Dear Sir(s),

Please refer to letter No BIE/2014/567 dated 16/07/2014 from M/s. B I ENTERPRISES,MUMBAI on the above subject.

The following Flame Proof equipment(s) manufactured by you according to IEC 60079-0 : 2007, IEC 60079-1 : 2007 & IEC 60079-26 : 2006 standards and covered under PTB, Germany Test reports mentioned below is approved for use in **Zone 1** of Gas Group IIB hazardous areas coming under the purview of the Petroleum Rules, 2002 administered by this Organization.

Sr.No	Description	Safety Protection	CCEs Identification Number	Test House	Test Report No.	Drawing Numbers
1	Micropulse displacement transducer BTL, Type BTL*-****-M****-DEX*-(SA***-)*	Ex d IIB+H ₂ T6 Ga/Gb	P339659/1	PTB, Germany	IECEX PTB 11.0035X Dt.09/05/2011	As per Test Report

This Approval is granted subject to observance of the following conditions:-

- 1). The design and construction of the equipment shall be strictly in accordance with description, condition and drawings as mentioned in the PTB, Germany Test Reports referred to above
- 2). The equipment shall be used only with approved type of accessories and associated apparatus
- 3). Each equipment shall be marked either by raised lettering cast integrally or by plate attached to the main structure to indicate conspicuously
 - (a) Name of the manufacturer
 - (b) Name and number by which the equipment is identified
 - (c) Number & Date of the test Report of the PTB, Germany applicable to the equipment
 - (d) CCEs Identification Number of this letter by which use of the apparatus is approved
- 4). A certificate to the effect that the equipment has been manufactured strictly in accordance with the drawing referred to in the PTB, Germany test report and is identical with the one tested and certified at PTB, Germany shall be furnished with each equipment
- 5). The customer shall be supplied the copy of this letter, an extract of the conditions and maintenance schedule, if any recommended by PTB, Germany in their test reports and copy of instructions booklet

detailing operation and maintenance of the equipment so as to maintain its Flame Proof safety characteristics

- 6). The After sales service and maintenance of subject equipment shall be looked after by your representative M/s. B I ENTERPRISES, B-210, Arjun Centre,, Govandi (E), MUMBAI, MUMBAI (Dist.), Maharashtra (State)

This Approval also covers the permissible variation as approved under the PTB, Germany test report referred above . This approval may be deemed to have been revoked with immediate effect at any time, if any of the conditions subject to which approval has been granted is violated or not complied with. The approval may also be amended or withdrawn at any time, if considered necessary in the interest of safety.

The field performance report from actual users /your customers of the subject equipment may please be collected and furnished to this office for verification and record at regular intervals.

This approval is otherwise valid a period of five years from the date of issue.

Yours faithfully,



(V. B. MINJI)
Controller of Explosives
for Chief Controller of Explosives
Nagpur

Copy to :

1. The ~~Jt.~~ Chief Controller of Explosives, West Circle, Mumbai,
2. M/s. B I ENTERPRISES, B-210, Arjun Centre, Govandi (E), MUMBAI, Dist. MUMBAI (Maharashtra)



for Chief Controller of Explosives