



**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/  
1612(P219629)

Email  
:explosives@explosives.gov.in

Phone/Fax  
No.2510248/2510577

Dated : 30/9/2008

To  
M/s. ABB Ltd.,  
BU-Instrumenttion  
32 Indl. Area  
NIT  
Faridabad -121001

6 OCT 2008

**Sub :Approval of Electrical Equipments for use in hazardous areas coming under Petroleum Rules,2002.**

Dear Sir(s),

The following Intrinsically safe equipment(s) manufactured by you according to IS 5780 :2002 standards and covered under CIMFR Test reports mentioned below is approved for use in Zone 1 & 2 Gas Group IIC hazardous areas coming under the purview of the Petroleum Rules, 2002 administered by this Organization.

Sno	Description	Safety Protection	Identification No	CCEs Identification Number	Test House	Test Report	Drawing Numbers
1	Electro-Pneumatic Converter, TEIP -11Ex Series	Ex `ib`	Type No. 18311-0-3829101	P219629/1	CIMFR	CIMFR/TC/P/392 Dtd.11/8/2008	

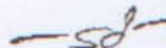
This Approval is granted subject to observance of the following conditions:-

- 1 The design and construction of the equipment shall be strictly in accordance with description, condition and drawings as mentioned in the CIMFR Test Reports referred to above
- 2 The equipment shall be used only with approved type of accessories and associated apparatus
- 3 The equipment shall be used only in conjunction with the approved Intrinsically safe barriers
- 4 Each equipment shall be marked either by raised lettering cast integrally or by plate attached to the main structure to indicate conspicuously
  - 1) Name of the manufacturer
  - 2) Name and number by which the equipment is identified
  - 3) Number & Date of the test Report of the CIMFR applicable to the equipment
  - 4) CCEs Identification Number of this letter by which use of the apparatus is approved

- 5 A certificate to the effect that the equipment has been manufactured strictly in accordance with the drawing referred to in the CIMFR test report and is identical with the one tested and certified at CIMFR shall be furnished with each equipment
- 6 The customer shall be supplied the copy of this letter, an extract of the conditions and maintenance schedule, if any recommended by CIMFR in their test reports and copy of instructions booklet detailing operation and maintenance of the equipment so as to maintain its Intrinsicly safe safety characteristics
- 7 The After sales service and maintenance of subject equipment shall be looked after by you. This Approval also covers the permissible variation as approved under the CIMFR 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,



(P C Srivastava )

Deputy Chief Controller of Explosives  
for Chief Controller of Explosives  
Nagpur

Copy to :

1. The Jt. Chief Controller of Explosives, North Circle, Faridabad.



for Chief Controller of Explosives