



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

SPEED POST

Letter No:
 A/P/IIQ/MH/104/2106(P251134)
 Email
 :explosives@explosives.gov.in
 Phone/Fax No.2510248/2510577
 Dated : 3/8/2010



To
 M/s. ABB Automation Products GmbH
 Dransfelder Straße 2
 D-37079 Gottingen GERMANY
 GERMANY

10 AUG 2010

Sub :Approval of equipments under Petroleum Rules, 2002.

Dear Sir(s).

Please refer to letter No IN/ABB/Qa/ccoe-009 dated 05/10/2009 from M/s. ABB Limited.FARIDABAD on the above subject.

The following equipments manufactured by you conforming to EN 60079-0 : 2006, EN 60079-1:2007, EN 60079-7:2007, EN 60079-11:2007, EN 60079-15:2005, EN 60079-18:2004 & EN 60079-27:2006 standards and covered under FM/KEMA/TUV Test reports mentioned below are approved for use in Zone 1 & 2 of Gas Group IIC hazardous areas coming under the purview of the Petroleum Rules, 2002 administered by this Organization.

Sr.No	Description	Safety Protection	Zone Type	CCEs Identification Number	Test House	Test Report No.	Drawing Numbers
1	FEP3... ProcessMaster and FEH3... HygienicMaster Electromagnetic Flowmeters	Ex nA IIC T6...T3	Zone-2	P251134/1	FM	FM08ATEX0038 Dt.18/12/2008	
	FEP3... ProcessMaster and FEH3... HygienicMaster Type FEP 315, 325, FEH 315, 325	Ex de ia ma IIC T6-T2	Zone -1		FM	FM 08 ATEX 0080 Suppliment NO.2 Dt. 24/07/2009	
2	Coriolis Flowmeters series FCM 2000 Type MC 21 M.N MC 23 M.N, MC 26 BE, MS26 BE	Ex na II T6...T2	Zone-2	P251134/2	KEMA	KEMA 08ATEX0151 X Dt.5/12/2008	
	Coriolis Flowmeters series FCM 2000 Type MC 27 B.E, ME 26, 27, 28 B.E	Ex de ia IIC T6	Zone -1		KEMA	KEMA 08 ATEX 0150X Dt. 05/12/2008	
3	Flowmeter TRIO-WIRL Models VT42.: ST42.: VR42.: SR42.	EEx d (Ib) IIC T6 / Ex ib IIC T4	Zone 1	P251134/3	TUV	TUV 00 ATEX 1521 X Dt.21/2/2000	

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 FM/KEMA/TUV 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 Non Sparking/Intrinsically Safe/Increased Safety barriers
- 4). 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 FM/KEMA/TUV applicable to the equipment
 - (d) 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 FM/KEMA/TUV test report and is identical with the one tested and certified at FM/KEMA/TUV 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 FM/KEMA/TUV in their test reports and copy of instructions booklet detailing operation and maintenance of the equipment so as to maintain its Non Sparking/Intrinsically Safe/Increased Safety safety characteristics
- 7). The After sales service and maintenance of subject equipment shall be looked after by your representative M/s. ABB Limited,,32 Industrial Area,,N.I.T.,FARIDABAD Haryana (State)

This Approval also covers the permissible variation as approved under the FM/KEMA/TUV 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,



(R.A. GUJAR)

Controller of Explosives
for Chief Controller of Explosives
Nagpur

Copy to :

1. The Jt. Chief Controller of Explosives, West Circle, Mumbai; East Circle, Kolkata; South Circle, Chennai; North Circle, Faridabad; Central Circle, Agra.
2. M/s. ABB Limited,,32 Industrial Area,,N.I.T.,FARIDABAD,(Haryana)

for Chief Controller of Explosives