



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/104/4543(P378133)
 Email :explosives@explosives.gov.in
 Phone/Fax No.2510248/2510577
 Dated : 23/4/2016

125 APR 2016

M/s Emerson Process Management Valve Actuation, LLC
 3840 Pike Road, Missouri City
 Texas 77489
 USA

Sub:Approval of TEC 2000 Valve Actuator, ECP 2000 Valve Actuator and RDM Remote Display Module

Dear Sir(s),

Please refer to letter No NIL dated 09/01/2016 from M/s Emerson Process Management Chennai Limited, CHENNAI on the above subject.

The following Flame Proof equipment(s) manufactured by you according to IEC 60079-0 : 2011 & IEC 60079-1 : 2007 standards and covered under Sira, UK Test reports mentioned below is/are 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	TEC 2000 Valve Actuator, ECP 2000 Valve Actuator and RDM Remote Display Module	Ex d IIB+H ₂ T6 Gb/Ex d IIB T4 Gb/ Ex d IIB +H2 T4 Gb	P378133/1	Sira, UK	IECEX SIR 12.0035X Issue No.: 2 Dt.16/07/2015	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 Sira, UK 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 Sira, UK 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 Sira, UK test report and is identical with the one tested and certified at Sira, UK 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 Sira, UK in their test reports and copy of instructions booklet detailing operation and

- 6). maintenance of the equipment so as to maintain its Flame Proof safety characteristics
The After sales service and maintenance of subject equipment shall be looked after by your representative M/s Emerson Process Management Chennai Limited,147, Rajiv Gandhi Salai (OMR),Karapakkam Village,CHENNAI,CHENNAI (Dist.) ,Tamil Nadu (State)

This Approval also covers the permissible variation as approved under the Sira, UK 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. MINJ)
Controller of Explosives
for Chief Controller of Explosives
Nagpur

Copy to :

1. The Jt. Chief Controller of Explosives, South Circle, Chennai.
2. M/s Emerson Process Management Chennai Limited,147, Rajiv Gandhi Salai (OMR),Karapakkam Village,CHENNAI,Distt. CHENNAI(Tamil Nadu),600097


for Chief Controller of Explosives



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