



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:R1(1)136/FLowsERVE/620  
Email :explosives@explosives.gov.in  
Phone/Fax No.2510248/2510577  
Dated 29/06/2011

**CORRIGENDUM**

30 JUNE 2011

Sub: Approval of Logix 500 MD, 3200 MD, 3400 MD Series Digital Valve Positioners.

Reference letter daed 30/05/2010 from M/s. Flowserve India Controls Pvt. Ltd., Bangalore, on the above subject.

Further to this office approval letter of even no. dated 13/09/2010, the Safaety Protection at Sr. No. 4 should be corrected to read as Ex d IIB + H2 T5 and Ex ia IIC T4 for Model No. Logix 3400 MD Series instead of Ex d IIB + H2 T5 against test certificate No. FM 07ATEX0029X dated 07/09/2007 also.

Yours faithfully,

  
(R.A. GUJAR)

Controller of Explosives  
for Chief Controller of Explosives

To

M/s. Flowserve India Controls Pvt. Ltd.,  
Flow Control Divisiion, Plot # 4, 1A, Road # 8,  
EPIP, Whitefield, Bangalore-560066.



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01 OCT 2010

**SPEED POST**

Letter No: A/P/HQ/MH/104/2154(P.255183)  
 Email :explosives@explosives.gov.in  
 Phone/Fax No.2510248/2510577  
 Dated : 13/9/2010

To  
 M/s. Flowserve FCD Corporation,  
 1350 North Mountain Springs Parkway  
 Springville, UT 84663.  
 USA.

11.6 SEP 2010

**Sub :** Approval of Logix 500 MD, 3200 MD, 3400 MD Series Digital Valve Positioners.

Dear Sir(s),

Please refer to letter No NIL dated 28/05/2010 from M/s. FLOW CONTROL Division Pvt Ltd, BANGALORE, on the above subject.

The following Intrinsically Safe equipment(s) manufactured by you according to EN 60079-0 : 2006, EN 60079-0:2006 & EN 60079-26:2007 standards and covered under Sira/FM Test reports mentioned below are approved for use in Zone 1 of Gas Group IIC hazardous areas coming under the purview of the Petroleum Rules, 2002 administered by this Organization.

Sr.No	Description	Safety Protection	CCRs Identification Number	Test House	Test Report No.	Drawing Numbers
1	Logix Series 500si Digital Positioners (Models si, SD and MD).	Ex ia IIC T6	P255183/1	Sira	Sira 03ATEX2243 Dt.18/1/2010	As per Test Report
2	Logix Series 3200 Digital Positioner Models IQ and MD.	Ex ia IIC T4, T5	P255183/2	Sira	Sira 03ATEX2299X Dt.4/2/2010	As per Test Report
3	Logix Series 3200 Digital Positioner Models IQ and the Logix 400 Fieldbus Positioners.	Ex d IIB +H2 T5	P255183/3	Sira	Sira 05ATEX1387 Dt.4/2/2010	As per Test Report
4	Logix 3400IQ Seires Digital Valve Positioner.	Ex d IIB+H2 T5	P255183/4	FM	FM07ATEX0005 Dt.8/8/2007	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/FM 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

- (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/FM 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 Sira/FM test report and is identical with the one tested and certified at Sira/FM 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 Sira/FM 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 your representative M/s. FLOW CONTROL Division Pvt Ltd. Plot # 4, 1A, Road No. 8,,Export Promotion Indl. Park (EPIP),,BANGALORE.BANGALORE(Rural) (Dist.) ,Karnataka (State)

This Approval also covers the permissible variation as approved under the Sira/FM 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. FLOW CONTROL Division Pvt Ltd, Plot # 4, 1A, Road No. 8,,Export Promotion Indl. Park (EPIP),,BANGALORE,Distt. BANGALORE(Rural)(Karnataka)

for Chief Controller of Explosives