



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/104/3360(P333270)
Email
:explosives@explosives.gov.in
Phone/Fax No.2510248/2510577
Dated : 12/3/2014

To
M/s. Advanced Actuators Limited,
Unit 4, Ryefield Way, Silsden West Yorkshire
BD20 OEF
United Kingdom

Sub: Approval of Electro Hydraulic Actuators under Petroleum Rules, 2002

Dear Sir(s),

Please refer to letter No Nil dated 16/07/2013 from M/s. Cone Flow Control Solutions Private Ltd., Nashik on the above subject.

The following Flame Proof /intrinsic Safety and Pressurised tested equipment(s) according to EN 60079-0 : 2009, EN 60079-2:2007, EN 60079-1 : 2007 & EN 60079-11 : 2007 standards and covered under Sira/IECEX/Baseefa/PTB/KEMA/ITS/TUV 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	Manufacturer	CCEs Identification Number	Test House	Test Report No.	Drawing Numbers
1	Range of Linear Position Transducer BTLS	Ex d IIC T5 Ga/Gb	M/s. Balluff Inc, USA	P333270/1	Sira	Sira 11ATEX1104X Dt.20/07/2011	As per Test Report
2	Three Phase Induction Motor MGI, MGF, MGL, MGR, MGW 450, 500, 560, 630, 710, 800, 900, 1000, 1250	Ex px II T4 or T3 Gb	M/s. WEg Equipamentos Electricos S/A, Brazil.	P333270/2	IECEX	IECEX TIR 10.0013X Dt.30/07/2011	As per Test Report
3	Type 77 Solenoid Operator	Ex d IIC T6 Gb	M/s. Bifold Fluidpwoer Ltd.,	P333270/3	Baseefa	Baseefa10ATEX 0026/4 Dt.02/12/2013	As per Test Report
4	Cylindrical inductive sensors, types NC... and NJ...	Ex ia IIC T6	M/s. Pepperl + Fuchs GmbH, germany.	P333270/4	PTB	PTB 00 ATEX 2048X Dt.02/05/2011	As per Test Report

5	Liquid Level Switch Liquiphant M type FTL50(H)-....., type FTL51(H)-... and type FTL51 C-.... and Liquiphant S type FTL70- and type FTL71-....	Ex d IIC T3...T6 Ga/Gb	M/s. Endress + Hauser GmbH+ Co. KG, Germany.	P333270/5	KEMA	KEMA 10ATEX0113X {Issue No. 1} Dt.04/10/2010	As per Test Report
6	MS200 (for certified housings refer to schedule)	Ex d IIC Gb T6-T4	M/s. Pyropress Engineering Co. Ltd.,	P333270/6	ITS	ITS10ATEX1719 8X Dt.14/02/2011	AS per Test Report
7	Ex d Valve Controller type IHP24-BF	Ex d IIC T4/T5/T6 Gb	M/s. Val Controls A/S, Denmark	P333270/7	TUV	TUV 11ATEX082989 X Dt.16/08/2011	As per Test Report

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

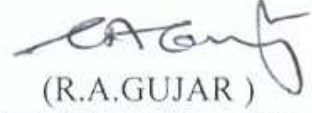
- 1). The design and construction of the equipment shall be strictly in accordance with description, condition and drawings as mentioned in the Sira/IECEX/Baseefa/PTB/KEMA/ITS/TUV Test Reports referred to above
- 2). The equipment shall be used only with approved type of accessories and associated apparatus
- 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/IECEX/Baseefa/PTB/KEMA/ITS/TUV 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/IECEX/Baseefa/PTB/KEMA/ITS/TUV test report and is identical with the one tested and certified at Sira/IECEX/Baseefa/PTB/KEMA/ITS/TUV 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/IECEX/Baseefa/PTB/KEMA/ITS/TUV in their test reports and copy of instructions booklet detailing operation and maintenance of the equipment so as to maintain its Flame Proof /intrinsic Safety and Pressurised tested safety characteristics
- 6). The After sales service and maintenance of subject equipment shall be looked after by your representative M/s. Cone Flow Control Solutions Private Ltd., Flat No.6, Ambar Apartment,,Near St. Franacis High School, Rane Nagar,Nashik Maharashtra (State)

This Approval also covers the permissible variation as approved under the Sira/IECEX/Baseefa/PTB/KEMA/ITS/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)

Deputy Chief Controller of Explosives
for Chief Controller of Explosives
Nagpur

Copy to :

- 1.The Jt. Chief Controller of Explosives, West Circle, Mumbai;
- 2.M/s. Cone Flow Control Solutions Private Ltd.,Flat No.6, Ambar Apartment.,Near St. Francis High School, Rane Nagar,Nashik (Maharashtra)



for Chief Controller of Explosives