

PESO India Certificate for Fisher™ 646 Electro-Pneumatic Transducers, 3661 Positioners, and 3622, 3722, and 582i Electro-Pneumatic Converters

Note

This information supplements the nameplate markings affixed to the product and the associated instruction manual:

- Fisher 646 Electro-Pneumatic Transducer Instruction Manual ([D101351X012](#))
- Fisher 3660 and 3661 Positioners Instruction Manual ([D101402X012](#))
- Fisher 3610J and 3620J Positioners and 3622 Electro-Pneumatic Converter Instruction Manual ([D200149X012](#))
- 3710 and 3720 Valve Positioners and 3722 Electro-Pneumatic Converter Instruction Manual ([D101728X012](#))
- Fisher 3582 and 3582i Positioners, 582i Electro-Pneumatic Converter, and 3583 Valve Stem Position Transmitter Instruction Manual ([D200138X012](#))

Documents are available from your Emerson sales office, Local Business Partner, or at Fisher.com.

Always refer to the nameplate itself to identify the appropriate certification.

Ex d IIC
Ex ia IIC
Ex nA IIC



Government of India
Ministry of Commerce & Industry
Petroleum & Explosives Safety Organisation (PESO)
5th Floor, A-Block, CGO Complex, Seminary Hills,
Nagpur - 440006



E-mail : explosives@explosives.gov.in
Phone/Fax No : 0712 -2510248, Fax-2510577

Approval No : A/P/HQ/TN/104/5537 (P404179)

Dated : 07/07/2017

To,

Ms. FISHER CONTROLS INTERNATIONAL LLC,
205 SOUTH CENTER STREET PO BOX 190 MARSHALLTOWN IA, MARSHALLTOWN
50158 deb.bonser@emerson.com
U.S.A

Sub : Approval of Flame Proof, Increased Safety, Non Sparking - under Petroleum Rules, 2002- regarding under Petroleum Rules 2002- Regarding.

Sir(s),

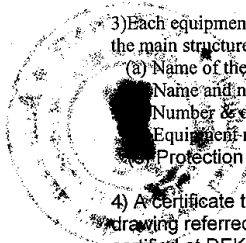
Please refer to your letter No. OIN111888 dated 29/05/2017 on the subject.

The following Ex electrical equipment(s) manufactured by you according to EN 60079-0 : 2012/A11:2013, EN 60079-1 : 2007, EN 60079-11 : 2012, EN 60079-15 : 2010, IEC -60079-0-2011, IEC 60079-1 : 2007, IEC 60079-15 : 2010, IEC-60079-11-2011, standards and covered under DEKRA/CSA/LCIE Test reports mentioned below is/are approved for use in Zone 1, Zone 2 of Gas IIC hazardous areas coming under the the Petroleum Rules, 2002 administered by this Organization.

Sr. No	Description	Safety Protection	Equipment reference Number	Test Agency			Drawing no
				Name	Certificate No.	Certificate Date	
1	Electro Pneumatic Transducers Type 646 and Electro-pneumatic Converters Types 3622, 3722 and 582i	Ex d IIC T6 or T5 Gb	P404179/1	DEKRA Certification B.V.	KEMA 04 ATEX 2137X issue no 4	12/12/2014	213142600
2	Electro-pneumatic converters, transducers, positioners Types 3622, 582i, 3722, 646 and 3661	Ex ia IIC T6...T4 Ga	P404179/2	LCIE	LCIE 03 ATEX 6001X /04	25/04/2014	D10C2238 rev E
3	I/P modules Types 3622, 582i, 3722, 3661 and 646	Ex ia IIC T6/T5/T4 Ga / ExnA IIC T6Gc /Exd IIC T6/T5 Gb	P404179/3	CSA INTERNATIONAL	IECEX CSA 07.0006X issue no. 2	15/02/2013	CA CSA EXTR07 0019 01
4	Electro-pneumatic converters, transducers, positioners Type 3622, 582i, 3722, 646 and 3661	Ex nA IIC T6 Gc	P404179/4	LCIE	LCIE 03 ATEX 6002X /04	25/04/2014	10c2242 rev E

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 DEKRA/CSA/LCIE 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 permanently 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 DEKRA/CSA/LCIE applicable to the equipment.
- (d) Equipment reference number of this letter by which use of apparatus is approved.
- (e) Protection level.

4) A Certificate to the effect that the equipment has been manufactured strictly in accordance with the drawing referred to in the DEKRA/CSA/LCIE Test report and is identical with the one tested and certified at DEKRA/CSA/LCIE shall be furnished with each equipment.

5) The customer shall be supplied with a copy of this letter, an extract of the conditions and maintenance schedule, if any, recommended by DEKRA/CSA/LCIE in their test reports and copy of instructions booklet detailing operation & maintenance of the equipment so as to maintain its Flame Proof characteristics.

6) The After sales service and maintenance of subject equipment shall be looked after by your representative EMERSON PROCESS MANAGEMENT CHENNAI PRIVATE LIMITED, 147, Rajiv Gandhi Salai (OMR) Karapakkam Village, Chennai-600097

This approval also covers the permissible variations as approved under the DEKRA/CSA/LCIE test reports referred above. This approval is liable to be cancelled if any of the conditions of the approval 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 on annual basis.

The Approval is Valid upto 31/12/2021

This is in supersession to this office letter of even no. dated 14/06/2017.

Yours faithfully,

(K Srinivasa Rao)
 Controller of Explosives
 For Chief Controller of Explosives
 Nagpur

Copy to :

- 1. Jt. Chief Controller of Explosives, South Circle Office, CHENNAI
- 2. EMERSON PROCESS MANAGEMENT CHENNAI PRIVATE LIMITED, 147, Rajiv Gandhi Salai (OMR) Karapakkam Village, Chennai-600097

for Chief Controller of Explosives

(For more information regarding status, fees and other details please visit our website <http://peso.gov.in>)

Note:- Please submit the revalidation application one month before the date of Expiry of approval otherwise approval will be treated as cancelled and a fresh application for approval will be considered for the approval.

Neither Emerson, Emerson Automation Solutions, nor any of their affiliated entities assumes responsibility for the selection, use or maintenance of any product. Responsibility for proper selection, use, and maintenance of any product remains solely with the purchaser and end user.

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