

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

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## 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](#) or at Fisher.com.

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

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## Ex ia IIC



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

E-mail : [explosives@explosives.gov.in](mailto:explosives@explosives.gov.in)  
Phone/Fax No : 0712 -2510248, Fax-2510577

Approval No : A/P/HQ/TH/104/6010 (P505949)

Dated : 04/06/2021

To,

M/s. Fisher Controls International LLC,  
205 SOUTH CENTER STREET, Marshalltown  
IA 50158 christopheranderson@emerson.com 641-7543747  
U.S.A

**Sub :** Approval of Intrinsically Safe Type Electrical Equ under Petroleum Rules 2002- Regarding.

Sir(s),

Please refer to your letter No. **OIN787869** dated **19/05/2021** on the subject.

The following Ex electrical equipment(s) manufactured by you according to **IEC 60079-0 : 2011, IEC 60079-11 : 2011**, standards and covered under **CSA International** Test reports mentioned below is/are approved for use in **Zone 1** 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	I/P modules Types 3622,582i,3722,3661 and 646	Ex ia IIC T6/T5/T4 Ga	P505949/1	CSA International	IECEX CSA 07.0006X Issue no 2	15/02/2013	as per 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 CSA International 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 CSA International 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 CSA International Test report and is identical with the one tested and certified at CSA International 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 CSA International 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 : KARAPAKKAM, City : Chennai District : CHENNAI, State : Tamil Nadu, Pincode : 600097

This approval also covers the permissible variations as approved under the CSA International 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 **31/12/2025**

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 : KARAPAKKAM, City : Chennai District : CHENNAI, State : Tamil Nadu, Pincode : 600097

**for Chief Controller of Explosives**  
**Nagpur**

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

**This is System Generated document. Signature is not required.**

## Ex nA IIC



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

E-mail : [explosives@explosives.gov.in](mailto:explosives@explosives.gov.in)  
Phone/Fax No : 0712 -2510248, Fax-2510577

Approval No : A/P/HQ/TN/104/6009 (P505948)

Dated : 04/06/2021

To,

M/s. Fisher Controls International LLC,  
205 SOUTH CENTER STREET, Marshalltown  
IA 50158 christopheranderson@emerson.com | 641-7543747  
U.S.A

**Sub :** Approval of Non Sparking Type Electrical Equipment under Petroleum Rules 2002- Regarding.

Sir(s),

Please refer to your letter No. **OIN787880** dated **19/05/2021** on the subject.

The following Ex electrical equipment(s) manufactured by you according to **IEC 60079-0 : 2011, IEC 60079-15 : 2010**, standards and covered under **CSA International** Test reports mentioned below is/are approved for use in **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	I/P modules Types 3622,582i,3722,3661 and 646	Ex nA IIC T6 Gc	P505948/1	CSA International	IECEX CSA 07.0006X Issue no 2	15/02/2013	as per 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 CSA International 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 CSA International 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 CSA International Test report and is identical with the one tested and certified at CSA International 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 CSA International 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 : KARAPAKKAM City : Chennai District : CHENNAI State : Tamil Nadu Pincode : 600097

This approval also covers the permissible variations as approved under the CSA International 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 **31/12/2025**

Yours faithfully,

**(K Srinivasa Rao)**  
**Controller of Explosives**  
**For Chief Controller of Explosives**  
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Copy to :

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Village : KARAPAKKAM City : Chennai District : CHENNAI State : Tamil Nadu Pincode : 600097

**for Chief Controller of Explosives**  
**Nagpur**

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