



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

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Approval No : A/P/HQ/MH/104/8294 (P619948)

Dated : 28/12/2024

To,

M/s. Emerson-Rosemount, Micro Motion Inc.,
12001 Technology Drive, Eden Prairie, MN 55344 USA.,

U.S.A

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

Sir(s),

Please refer to your letter No. OIN1822988 dated 29/11/2024 on the subject.

The following Ex electrical equipment(s) manufactured by you according to IEC 60079-0 : 2017, IEC 60079-11 : 2023, standards and covered under SGS United Kingdom Limited, UK Test reports mentioned below is/are approved for use in Zone 0, 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	Model 8600D 4-20mA HART Vortex Flowmeter	Ex ia IIC T4 Ga	P619948/1	SGS United Kingdom Limited, UK	IECEX SGS 23.0043X, Issue No.0	08/12/2023	
2	Model 8800D 4-20mA HART Vortex Flowmeter	Ex ia IIC T4 Ga	P619948/2	SGS United Kingdom Limited, UK	IECEX SGS 23.0043X, Issue No.0	08/12/2023	
3	Model 8600D Foundation Fieldbus Vortex Flowmeter	Ex ia IIC T4 Ga	P619948/3	SGS United Kingdom Limited, UK	IECEX SGS 23.0043X, Issue No.0	08/12/2023	
4	Model 8800D Foundation Fieldbus Vortex Flowmeter	Ex ia IIC T4 Ga	P619948/4	SGS United Kingdom Limited, UK	IECEX SGS 23.0043X, Issue No.0	08/12/2023	
5	Model 8600D FISCO Vortex Flowmeter	Ex ia IIC T4 Ga	P619948/5	SGS United Kingdom Limited, UK	IECEX SGS 23.0043X, Issue No.0	08/12/2023	
6	Model 8800D FISCO Vortex Flowmeter	Ex ia IIC T4 Ga	P619948/6	SGS United Kingdom Limited, UK	IECEX SGS 23.0043X, Issue No.0	08/12/2023	
7	Model 8600D Modbus Vortex Flowmeter	Ex ia IIC T4 Ga	P619948/7	SGS United Kingdom Limited, UK	IECEX SGS 23.0043X, Issue No.0	08/12/2023	
8	Model 8800D Modbus Vortex Flowmeter	Ex ia IIC T4 Ga	P619948/8	SGS United Kingdom Limited, UK	IECEX SGS 23.0043X, Issue No.0	08/12/2023	

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 SGS United Kingdom Limited, 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 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 SGS United Kingdom Limited, UK 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 SGS United Kingdom Limited, UK Test report and is identical with the one tested and certified at SGS United Kingdom Limited, UK 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 SGS United Kingdom Limited, UK 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 (India) Pvt Ltd, Plot No C1, Talegaon MIDC Phase 2 Mindewadi, Tal Pune 410506 Maharashtra, India Village : Mawal City : Mawal Taluka / Tahsil : Mawal District : PUNE State : Maharashtra Pincode : 410506

Conditions of the Approval:-

The Schedule of Limitations & special conditions of use given in the IECEx Certificate of Conformity shall be duly addressed by the manufacturer and passed on to the end user.

This approval also covers the permissible variations as approved under the SGS United Kingdom Limited, UK 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 31/12/2028

Yours faithfully,

(Kanak Singh Meena)
Dy. Controller of Explosives
For Chief Controller of Explosives
Nagpur

Copy to :

1. Jt. Chief Controller of Explosives, West Circle, MUMBAI
2. Emerson Process Management (India) Pvt Ltd, Plot No C1, Talegaon MIDC Phase 2 Mindewadi, Tal Pune 410506 Maharashtra, India Village : Mawal City : Mawal Taluka / Tahsil : Mawal District : PUNE State : Maharashtra Pincode : 410506

for Chief Controller of Explosives
Nagpur

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

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