



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

Approval No : A/P/HQ/MP/104/5682 (P571378)

Dated : 29/08/2023

To,

M/s. General Monitors Ireland Limited,  
Ballybrit Business Park, Galway

Ireland

Sub : Approval for S5000 Gas Monitor fixed gas detection system (Transmitter and Junction Boxes) and Digital Sensor (With FRIT and No FRIT) under Petroleum Rules, 2002-reg.  
Sir(s),

Please refer to your letter No. OIN1434809 dated 24/08/2023 on the subject.

There would be no objection to your supplying subject manufactured item/equipment by you conforming to according to IEC 60079-0 : 2017, IEC 60079-1 : 2014-06, IEC 60079-15 : 2010, IEC 60079-29-1: 2016-07, IEC 60079-31 : 2013, standards and covered under Certificate No. dtd. The above shall be comprising of following approved type of electrical components as described below, the subject manufactured items is suitable for **Zone 1 only**:-

Sr.No	Description (Components Description)	Make	Safety Protection	Agency	Certificate No. & Date
1	S5000 Junction Box (Flanged Joint Version)	General Monitors	Ex db IIB+H2 T6 Gb	FM Approvals LLC	IECEx FMG 21.0019X issue no.1 Date 17/08/2022
2	S5000 Junction Box (Cemented Joint Version)	General Monitors	Ex db IIC T6 Gb	FM Approvals LLC	IECEx FMG 21.0019X issue no.1 Date 17/08/2022
3	S5000 Transmitter (Cemented Joint Version)	General Monitors	Ex db IIC T5 Gb	FM Approvals LLC	IECEx FMG 21.0019X issue no.1 Date 17/08/2022
4	S5000 Transmitter (Flanged Joint Version)	General Monitors	Ex db IIB+H2 T5 Gb	FM Approvals LLC	IECEx FMG 21.0019X issue no.1 Date 17/08/2022
5	Digital Sensor (With Frit)	General Monitors	Ex db IIC T5 Gb	FM Approvals LLC	IECEx FMG 21.0019X issue no.1 Date 17/08/2022

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 FM Approvals LLC 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 FM Approvals LLC 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 FM Approvals LLC Test report and is identical with the one tested and certified at FM Approvals LLC 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 FM Approvals LLC 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 ABN Equipments & Systems Pvt. Ltd., E - 7, Gandhi Nagar, Gwalior

This approval also covers the permissible variations as approved under the FM Approvals LLC 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 31/12/2027

Yours faithfully,

(K. Thiagarajan)  
Jt. Chief Controller of Explosives  
For Chief Controller of Explosives  
Nagpur

Copy to :

1. Jt. Chief Controller of Explosives, Bhopal, BHOPAL
2. ABN Equipments & Systems Pvt. Ltd., E - 7, Gandhi Nagar, Gwalior

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.**