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/MP/104/5663 (P557609) Dated : **05/06/2023**

To,

M/s. MSA - THE SAFETY COMPANY,
1000 Cranberry Woods Drive, Cranberry Township, PA 16066 United States of America,Pennsylvania 16066
U.S.A

Sub : Approval of Flame Proof Type Electrical Equipment under Petroleum Rules 2002- Regarding.

Sir(s),

Please refer to your letter No. **OIN1349684** dated **05/05/2023** on the subject.

The following Ex electrical equipment(s) manufactured by you according to **IEC 60079-0 : 2017, IEC 60079-1 : 2014-06, IEC 60079-29-1: 2016-07,** standards and covered under **FM Approvals LLC** 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	ULTIMA X5000 Gas Monitor fixed gas detection system	Ex db IIC T6 Gb	**P557609/1**	FM Approvals LLC	IECEx FMG 21.0021X Issue No. 0	09/08/2022	As per Test Report
2	Ultima XIR Plus Sensor	Ex db IIC T6 Gb	**P557609/2**	FM Approvals LLC	IECEx FMG 21.0021X Issue No. 0	09/08/2022	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 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 maintenence 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 characterestics.
6) The After sales service and maintanance of subject equipment shall be looked after by your representative ABN Equipments & Systems Pvt. Ltd., E - 7, Gandhi Nagar, Gwalior - 474002 (MP) India

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 - 474002 (MP) India

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.

Digitally signed by K THIAGARAJAN
Reason: Approval No. : A/P/HQ/MP/104/5663
Location:Nagpur [P557609]
Date:05-06-2023 15:51:04 PM