



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/MH/104/7855 (P577391)

Dated : 29/11/2023

To,

M/s. Expo Technologies Limited,
Unit 2, The Summit, Hanworth Road, Sunbury-On-Thames, Sunbury-On-Thames
TW16 5DB sales@expoworldwide.com
UK

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

Sir(s),

Please refer to your letter No. **OIN1524702** dated **21/11/2023** on the subject.

The following Ex electrical equipment(s) manufactured by you according to **IEC 60079-0 : 2017, IEC 60079-1 : 2014, IEC 60079-11 : 2011, IEC 60079-2 : 2014**, standards and covered under **CSA Group Testing UK Ltd / FM Approvals Ltd / UL 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	Minipurge Purge Controller-Standard/ET/ES	Ex[pxb] ia IIC T5 Gb	P577391/1	CSA Group Testing UK Ltd	IECEX SIR 07.0027X issue No.13	14/12/2021	As per test report.
2	Electronic Timer ETM-IS	Ex ia IIC T5 Ga	P577391/2	FM Approvals Ltd	IECEX FME 10.0001X issue No.7	29/04/2022	As per test report.
3	Electro Pneumatic Power Supply(EPPS) EPW-EPPS-000	Ex db [ia Ga] IIC T6 Gb	P577391/3	UL LLC	IECEX UL 17.0016X issue No.2	22/09/2021	As per test report.
4	Minipurge Purge Controller-Standard Versions	Ex[pzc] IIC T6 Gb	P577391/4	CSA Group Testing UK Ltd	IECEX SIR 07.0027X issue No.13	14/12/2021	As per test report.
5	Minipurge Purge Controller-Standard Versions	Ex[pyb] IIC T6 Gb	P577391/5	CSA Group Testing UK Ltd	IECEX SIR 07.0027X issue No.13	14/12/2021	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 CSA Group Testing UK Ltd / FM Approvals Ltd / UL 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 CSA Group Testing UK Ltd / FM Approvals Ltd / UL 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 CSA Group Testing UK Ltd / FM Approvals Ltd / UL LLC Test report and is identical with the one tested and certified at CSA Group Testing UK Ltd / FM Approvals Ltd / UL 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 CSA Group Testing UK Ltd / FM Approvals Ltd / UL 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 Pushkaraj Enterprises, Pushkaraj House, Plot No 10, Kulashree Colony No.3, Karve Nagar, Pune-411052

This approval also covers the permissible variations as approved under the CSA Group Testing UK Ltd / FM Approvals Ltd / UL 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, West Circle, MUMBAI
2. Pushkaraj Enterprises, Pushkaraj House, Plot No 10, Kulashree Colony No.3, Karve Nagar, Pune-411052

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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