



**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/TN/104/6605 (P594225)

Dated : 01/01/2025

To,

**M/s. TopWorx Inc.,**  
**3300 Fern Valley Road, KY ,Louisville**  
**40213**  
**U.S.A**

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

Sir(s),

Please refer to your letter No. **OIN1830521** dated **03/12/2024** on the subject.

The following Ex electrical equipment(s) manufactured by you according to **IEC 60079-0 : 2011, IEC 60079-1 : 2014**, standards and covered under **CSA Group Testing UK Ltd** 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	TXP and TXS Mechanical Switches (without solenoid)	Ex db IIC T6/T5/T4 Gb	<b>P594225/1</b>	CSA Group Testing UK Ltd	IECEX SIR 06.0054X Issue No 15	24/09/2024	as per Test report
2	TXP and TXS Mechanical Switches (with solenoid)	Ex db IIB T6/T5/T4 Gb	<b>P594225/2</b>	CSA Group Testing UK Ltd	IECEX SIR 06.0054X Issue No 15	24/05/2024	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 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 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 Test report and is identical with the one tested and certified at CSA Group Testing UK Ltd 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 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, Plot no:45, 8th Avenue, Domestic Tariff Area, Mahindra World City City :CHENGALPATTU Taluka / Tahsil :CHENGALPET District :CHENGALPATTU State : TamilNadu Pincode :603004

**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 information shall be passed on to the end user.

This approval also covers the permissible variations as approved under the CSA Group Testing UK Ltd 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 **31/12/2029**

Yours faithfully,

**(Kanak Singh Meena)**  
**Dy. 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,Plot no:45, 8th Avenue, Domestic Tariff Area, Mahindra World City City :CHENGALPATTU Taluka / Tahsil :CHENGALPET District :CHENGALPATTU State : TamilNadu Pincode :603004

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

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