



**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/MH/104/6838 (P511258)**

**Dated : 05/08/2021**

To,  
**M/s. Rose Systemtechnik GmbH ,**  
**Erbeweg 13-15 ,Porta Westfalica**  
**32457**  
**GERMANY**

**Sub :** Approval of Flame Proof Type Electrical Equipment' under Petroleum Rules 2002- Regarding.  
**Sir(s),**

Please refer to your letter No. **OIN827619** dated **19/07/2021** on the subject.

The following Ex electrical equipment(s) manufactured by you according to **IEC 60079-0 : 2017, IEC 60079-1 : 2014-06**, standards and covered under **DEKRA Certification B.V. / Intertek Testing & Certification 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	Control Accessories Push Button Accessories – CA.PB.00000 Series, Rotary Actuators – CA.RA.00000 Series, LED Indicating lamp – CA.IL.00000, Thermostat connector CA.TH.01 and CA.TH.02	Ex db IIC Gb	<b>P511258/1</b>	Intertek Testing & Certification Ltd	IECEX ITS 16.0002U Issue No. 1	24/03/2021	Ex.PMI.CA.201 Rev 1
2	Enclosure Series EJB 01..EJB 04 and EJB 07, EJB 06, 09 and 10	Ex db IIB+H2 Gb or Ex db IIB Gb	<b>P511258/2</b>	DEKRA Certification B.V.	IECEX DEK 18.0069U Issue No. 0	16/03/2021	Ex.PMI.EJB.201 Rev 4
3	Enclosure Series TBE 100T, TBE 130T, TBE160T, TBE 100TW, TBE 130 TW and TBE 160 TW	Ex db IIB Gb or Ex db IIC Gb	<b>P511258/3</b>	DEKRA Certification B.V.	IECEX DEK 18.0070U Issue No. 0	09/09/2019	Ex.PMI.TBE.201 Rev 3
4	Enclosure Series IJB 01..IJB 03 & IJB 04..IJB 06	Ex db IIB+H2 Gb or Ex db IIB Gb	<b>P511258/4</b>	DEKRA Certification B.V.	IECEX DEK 18.0068U Issue No. 0	20/12/2019	Ex.PMI.IJB.201 Rev 3
5	Enclosure Series GUB01...GUB 06 & GUB 01W...GUB 06W	Ex db IIB Gb or Ex db IIC Gb	<b>P511258/5</b>	DEKRA Certification B.V.	IECEX DEK 18.0071U Issue No. 0	14/11/2019	Ex.PMI.GUB.201 Rev 3
6	Power distribution, switchgear and control assembly Series EJB 01..EJB 04 and EJB 07, EJB 06, 09 and 10	Ex db.. IIB+H2 T4, T5 or T6 Gb or Ex db.. IIB T4, T5 or T6 Gb	<b>P511258/6</b>	DEKRA Certification B.V.	IECEX DEK 18.0074X Issue No. 0	16/03/2021	Ex.PMI.EJB.201 Rev 3
7	Power distribution, switchgear and control box series TBE 100T, TBE 130T, TBE160T, TBE 100TW, TBE 130 TW and TBE 160 TW	Ex db.. IIB T4, T5 or T6 Gb or Ex db.. IIC T4, T5 or T6 Gb	<b>P511258/7</b>	DEKRA Certification B.V.	IECEX DEK 18.0075X Issue No. 0	27/09/2019	Ex.PMI.TBE.201 Rev 2
8	Power distribution, switchgear and control assembly Series IJB 01..IJB 03 & IJB 04..IJB 06	Ex db.. IIB+H2 T4, T5 or T6 Gb or Ex db.. IIB T4, T5 or T6 Gb	<b>P511258/8</b>	DEKRA Certification B.V.	IECEX DEK 18.0073X Issue No. 0	20/12/2019	Ex.PMI.IJB.201 Rev 2
9	Power distribution, switchgear and control box Series GUB01...GUB 06 & GUB 01W...GUB 06W	Ex db.. IIB T4, T5 or T6 Gb or Ex db.. IIC T4, T5 or T6 Gb	<b>P511258/9</b>	DEKRA Certification B.V.	IECEX DEK 18.0076X Issue No. 0	14/11/2019	Ex.PMI.GUB.201 Rev 2

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 DEKRA Certification B.V. / Intertek Testing & Certification 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 DEKRA Certification B.V. / Intertek Testing & Certification 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 DEKRA Certification B.V. / Intertek Testing & Certification Ltd Test report and is identical with the one tested and certified at DEKRA Certification B.V. / Intertek Testing & Certification 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 DEKRA Certification B.V. / Intertek Testing & Certification 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 Phoenix Mecano India Pvt. Ltd , Plant III, Gat No 408, 410 & 412, Village Urse, Taluka Maval, Talegaon Urse Road, Dist. Pune 410506, India

**Conditions of the Approval:-**

The approval for above equipments is subject to validity of IECEx Quality Assessment Report No. DE/EPS/QAR17.0003.

Equipment at Sr No1 to 5 are components, not intended to be used alone and require additional consideration when incorporated into other equipment or systems for use in explosive atmospheres.

This approval also covers the permissible variations as approved under the DEKRA Certification B.V. / Intertek Testing & Certification 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 **31/12/2025**

Yours faithfully,

**(Ninad Dattaram Gawade)**  
**Dy. Controller of Explosives**  
**For Chief Controller of Explosives**  
**Nagpur**

Copy to :

1. Jt. Chief Controller of Explosives, West Circle, MUMBAI
2. Phoenix Mecano India Pvt. Ltd ,Plant III, Gat No 408, 410 & 412, Village Urse, Taluka Maval, Talegaon Urse Road, Dist. Pune 410506, 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.**