

## 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

Dated : 04/05/2023

Approval No : A/P/HQ/MH/104/7579 (P563288)

Τo

M/s. VEGA Grieshaber KG, Am Hohenstein 113, Deutschland ,Schiltach 77761 GERMANY

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

Sir(s),

Please refer to your letter No. OIN1332515 dated 13/04/2023 on the subject

The following Ex electrical equipment(s) manufactured by you according to EN 60079-1: 2014, EN 60079-26: 2015, EN/IEC 60079-0: 2018, standards and covered under Physikalisch-Technische Bundesanstalt. 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<br>Protection                               | Equipment reference Number | Test Agency                                  |                                |                     |               |
|--------|---|--|----------------------------|--|--------------------------------|---------------------|---------------|
|        |   |  |                            | Name   | Certificate No.                | Certificate<br>Date | Drawing no    |
| 1      | Vibration Limit Switch,Type<br>VEGAWAVE type<br>WE61/63(*).L****C***  | Ex db IIC<br>T6T1<br>Ga/Gb,Ex db<br>IIC T6T1<br>Gb | P563288/1                  | Physikalisch-<br>Technische<br>Bundesanstalt | PTB 16 ATEX 1014<br>X Issue 01 | 20/05/2021          | as per report |
| 2      | Vibration Limit Switch,Type<br>VEGAWAVE type<br>WE61/63(*).L****T***  | Ex db IIC<br>T6T1<br>Ga/Gb,Ex db<br>IIC T6T1<br>Gb | P563288/2                  | Physikalisch-<br>Technische<br>Bundesanstalt | PTB 16 ATEX 1014<br>X Issue 01 | 20/05/2021          | as per report |
| 3      | Vibration Limit Switch, Type<br>VEGAWAVE type<br>WE61/63(*).L****N*** | Ex db IIC<br>T6T1<br>Ga/Gb,Ex db<br>IIC T6T1<br>Gb | P563288/3                  | Physikalisch-<br>Technische<br>Bundesanstalt | PTB 16 ATEX 1014<br>X Issue 01 | 20/05/2021          | as per report |
| 4      | Vibration Limit Switch,Type<br>VEGAWAVE type<br>WE61/63(*).L****R***  | Ex db IIC<br>T6T1<br>Ga/Gb,Ex db<br>IIC T6T1<br>Gb | P563288/4                  | Physikalisch-<br>Technische<br>Bundesanstalt | PTB 16 ATEX 1014<br>X Issue 01 | 20/05/2021          | as per report |
| 5      | Vibration Limit Switch, Type<br>VEGAWAVE type<br>WE61/63(*).L****Z*** | Ex db IIC<br>T6T1<br>Ga/Gb,Ex db<br>IIC T6T1<br>Gb | P563288/5                  | Physikalisch-<br>Technische<br>Bundesanstalt | PTB 16 ATEX 1014<br>X Issue 01 | 20/05/2021          | as per 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 Physikalisch-Technische Bundesanstalt 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 Physikalisch-Technische Bundesanstalt 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 Physikalisch-Technische Bundesanstalt Test report and is
- dentical with the one tested and use destinated a Physikalisch-Technische Bundesanstal shall be furnished with the one tested on the Physikalisch-Technische Bundesanstal shall be furnished with the one tested on the physikalisch-Technische Bundesanstal shall be furnished with the cach equipment.

  5) The customer shall be supplied with a copy of this letter, an extract of the conditions of the equipment and the physikalisch-Technische Bundesanstalt in their test reports and copy of instructions booklet detailing operation & maintenance of the equipment and copy of the physikalisch-Technische Bundesanstalt in their test reports and copy of the studies of the physikalisch-Technische Bundesanstalt in their test reports and copy of the physikalisch-Technische Bundesanstalt in their test reports and copy of the physikalisch-Technische Bundesanstalt in their test reports and copy of the physikalisch-Technische Bundesanstalt in their test reports and copy of the physikalisch-Technische Bundesanstalt in their test reports and the physikalisch-Technische Bundesanstalt in the physikalisch-Tech
- 6) The After sales service and maintanance of subject equipment shall be looked after by your representative VEGA INDIA LEVEL AND PRESSURE MEASUREMENT PRIVATE LIMITED, PLOT NO. 1, GAT NO.181 FULGAON Village: FULGAON City: Haveli, Taluka /Tahsil: Haveli District: PUNE State: Maharashtra Pincode: 412216

This approval also covers the permissible variations as approved under the Physikalisch-Technische Bundesanstalt 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, Ji, Chief Controller of Explosives, West Circle, MUMBAI
  2, VEGA INDIA LEVEL AND PRESSURE MEASUREMENT PRIVATE LIMITED, PLOT NO, 1, GAT NO.181 FULGAON Village :FULGAON City :Haveli, Taluka /Tahsii : Haveli District : PUNE State: Maharashtra Pincode :412216

for Chief Controller of Explosives

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