



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/104/6754 (P506071)

Dated : 31/05/2021

To,

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

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

Sir(s),

Please refer to your letter No. OIN784093 dated 04/05/2021 on the subject.

The following Ex electrical equipment(s) manufactured by you according to IEC 60079-0 : 2017, IEC 60079-11 : 2011, IEC 60079-26 : 2014, standards and covered under TUV NORD CERT GmbH 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	Microwave sensors type series VEGAFLEX FX8* (*).*V/C/O/H****A/H/P/FX**** and VEGAFLEX FX8* (*).*V/C/O/H****A/HZ****	Ex ia IIC T6..T1 Ga or Ex ia IIC T6..T1 Ga/Gb or Ex ia IIC T6..T1 Gb	P506071/1	TUV NORD CERT GmbH	IECEX TUN 12.0009X Issue No. 4	31/05/2019	VEGAZW-6-46056 12 Rev 5

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 TUV NORD CERT GmbH 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 TUV NORD CERT GmbH 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 TUV NORD CERT GmbH Test report and is identical with the one tested and certified at TUV NORD CERT GmbH 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 TUV NORD CERT GmbH 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 VEGA India Level & Pressure Measurement Pvt Ltd, Plot No. 1, Gat No. 181, Village Phulgaon, Tal Haveli, Dist Pune 412 216

Conditions of the Approval:-

The approval for above equipment is subject to validity of IECEx Quality Assessment Report No. DE/TUN/QAR06.0002



This approval also covers the permissible variations as approved under the TUV NORD CERT GmbH 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. VEGA India Lvel & Pressure Measurement Pvt Ltd,Plot No. 1, Gat No. 181, Village Phulgaon, Tal Haveli, Dist Pune 412 216

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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E-mail : explosives@explosives.gov.in
Phone/Fax No : 0712 -2510248, Fax-2510577

Approval No : A/P/HQ/MH/104/6756 (P506310)

Dated : 01/06/2021

To,

M/s. VEGA Americas, Inc,
4241 Allendorf Drive, Ohio , Cincinnati
45209
U.S.A

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

Sir(s),

Please refer to your letter No. OIN784106 dated 04/05/2021 on the subject.

The following Ex electrical equipment(s) manufactured by you according to IEC 60079-0 : 2017, IEC 60079-11 : 2011, IEC 60079-26 : 2014, standards and covered under TUV NORD CERT GmbH 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	Microwave sensors type series VEGAFLEX FX8* (*).*/VC/O/H****A/H/P/FX**** and VEGAFLEX FX8* (*).*/VC/O/H****A/HZ****	Ex ia IIC T6..T1 Ga or Ex ia IIC T6..T1 Ga/Gb or Ex ia IIC T6..T1 Gb	P506310/1	TUV NORD CERT GmbH	IECEX TUN 12.0009X Issue No. 4	31/05/2019	VEGAZW-6-46056 12 Rev 5

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 TUV NORD CERT GmbH 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 TUV NORD CERT GmbH 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 TUV NORD CERT GmbH Test report and is identical with the one tested and certified at TUV NORD CERT GmbH 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 TUV NORD CERT GmbH 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 VEGA India Lvel & Pressure Measurement Pvt Ltd, Plot No. 1, Gat No. 181, Village Phulgaon, Tal Haveli, Dist Pune 412 216

Conditions of the Approval:-

The approval for above equipment is subject to validity of IECEX Quality Assessment Report No.DE/TUN/QAR06.0002

This approval also covers the permissible variations as approved under the TUV NORD CERT GmbH 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. VEGA India Lvel & Pressure Measurement Pvt Ltd,Plot No. 1, Gat No. 181, Village Phulgaon, Tal Haveli, Dist Pune 412 216

for Chief Controller of Explosives
Nagpur

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सत्यमेव जयते

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Ministry of Commerce & Industry
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Nagpur - 440006

E-mail : explosives@explosives.gov.in
Phone/Fax No : 0712 -2510248, Fax-2510577

Approval No : A/P/HQ/MH/104/7096 (P535808)

Dated : 28/04/2022

To,

M/s. VEGA INDIA LEVEL & PRESSURE MEASUREMENT PVT LTD,
PlotNo,1,
GAT NO 181, FULGAON,
Haveli,
Taluka: Haveli,
District: PUNE,
State: Maharashtra,
PIN: 412216

Sub : Approval of Intrinsically Safe Type Electrical Equipments under Petroleum Rules 2002- Regarding.

Sir(s),

Please refer to your letter No. OIN1058208 dated 21/04/2022 on the subject.

The following Ex electrical equipment(s) manufactured by you according to IEC 60079-0 : 2017, IEC 60079-11 : 2011, IEC 60079-26 : 2014, standards and covered under TUV NORD CERT GmbH Test reports mentioned below is/are approved for use in Zone 0, 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	Microwave sensors VEGAFLEX 8* with type code FX8* (*)^*VC/O/H****A/H/P/FX****	Ex ia IIC T6...T1 Ga or Ex ia IIC T6...T1 Ga/Gb or Ex ia IIC T6...T1 Gb	P535808/1	TUV NORD CERT GmbH	IECEX TUN 12.0009X Issue No 5	07/07/2021	GE 2777 GE 2613
2	Microwave sensors VEGAFLEX 8* with type code FX8* (*)^*VC/O/H****A/ HZ****	Ex ia IIC T6...T1 Ga or Ex ia IIC T6...T1 Ga/Gb or Ex ia IIC T6...T1 Gb	P535808/2	TUV NORD CERT GmbH	IECEX TUN 12.0009X Issue No 5	07/07/2021	GE 2777 GE 2613

This Approval is granted subject to observance of the following conditions:-

- The design and construction of the equipment shall be strictly in accordance with description, condition and drawings as mentioned in the Test Reports referred to above.
- The equipment shall be used only with approved type of accessories and associated apparatus.
- Each equipment shall be marked either by raised lettering cast integrally or by plate attached permanently to the main structure to indicate conspicuously:-
 - Name of the manufacturer
 - Name and number by which the equipment is identified.
 - Number & date of the test report of the TUV NORD CERT GmbH applicable to the equipment.
 - Equipment reference number of this letter by which use of apparatus is approved.
 - BIS approval number.
 - Protection level.
- A certificate to the effect that the equipment has been manufactured strictly in accordance with the drawing referred to in the Test report and is identical with the one tested and certified at Testing agency shall be furnished with each equipment.
- The customer shall be supplied with a copy of this letter, an extract of the conditions and maintenance schedule, if any, recommended by TUV NORD CERT GmbH and copy of instructions booklet detailing operation & maintenance of the equipment so as to maintain its safe characteristics.
- The IS/IEC 60079-17 and IS/IEC 60079-19 shall be followed for maintenance and repair of overhaul of the subject equipments.

Conditions of the Approval:-

The approval for above equipment is subject to validity of IECEX Quality Assessment Report No. DE/TUN/QAR06.0002

This approval also covers the permissible variations as approved under the TUV NORD CERT GmbH 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 31/12/2026

Yours faithfully,

(A.B. Tamgadge)
Controller of Explosives
For Chief Controller of Explosives
Nagpur

Copy to :
1. Jt. Chief Controller of Explosives, West Circle, MUMBAI

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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