

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

Dated : 21/12/2023

Approval No : A/P/HQ/MH/104/7903 (P579925)

To,

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

Sub :

Sir(s).

Please refer to your letter No. OIN1547204 dated 14/12/2023 on the subject

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

The following Ex electrical equipment(s) manufactured by you according to IEC 60079-0 : 2017, IEC 60079-11 : 2011, IEC 60079-26 : 2021, standards and covered under CSA Group Testing UK Ltd Test reports mentioned below is/are approved for use in Zone 0 of Gas IIC hazardous areas coming under the the Petroleum Rules. 2002 administered by this Organization.

	Sr. No	Description	Safety	Equipment reference Number	Test Agency			
			Protection		Name	Certificate No.	Certificate Date	Drawing no
		VEGAPULS 6X with model code PS6X(Z)(*).2*W********H*C******	Ex ia IIC T6T1 Ga	P579925/1	CSA Group Testing UK Ltd	IECEx CSAE 22.0011X Issue no 1	19/10/2023	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 supported by CSA Group Testing or Led shall be characterized and copy of instructions booklet detailing operation & maintenance of the equipment so as to maintain its Flame Proof characterestics. 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, Taluka/Tahsil : Haveli, District: PUNE State: Maharashtra, Pincode: 412216

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 31/12/2027

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

VEGA INDIA LEVEL AND PRESSURE MEASUREMENT PRIVATE LIMITED, PLOT NO. 1, GAT NO. 181, FULGAON, Taluka/Tahsil : Haveli, District: PUNE, State: Maharashtra, Pincode:412216

> for Chief Controller of Explosives Nagpur

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> E-mail : explosives@explosives.gov.in Phone/Eav No : 0712 -2510248 Eav-2510577

> > Dated - 21/12/2023

Approval No : A/P/HQ/MH/104/7905 (P579933)

To,

M/s. VEGA Americas, Inc., 3877 Mason Research Parkway, Mason, Ohio 45036 U.S.A

Sub :

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

Sir(s).

Please refer to your letter No. OIN1547207 dated 14/12/2023 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 : 2021, 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

	Description	Safety Protection	Equipment reference Number				
Sr. No				Name	Certificate No.	Certificate Date	Drawing no
1	VEGAPULS 6X with model code PS6X(Z)(*).2*W*******A*C*****	Ex ia IIC T6T1 Ga/Gb	P579933/1	CSA Group Testing UK Ltd	IECEx CSAE 22.0011X Issue no 1	19/10/2023	As per test report
2	VEGAPULS 6X with model code PS6X(Z)(*).2*W********A*C*****	Ex ia IIC T6T1 Gb	P579933/2	CSA Group Testing UK Ltd	IECEx CSAE 22.0011X Issue no 1	19/10/2023	As per test report
3	VEGAPULS 6X with model code PS6X(Z)(*).2*W********H*C*****	Ex ia IIC T6T1 Gb	P579933/3	CSA Group Testing UK Ltd	IECEx CSAE 22.0011X Issue no 1	19/10/2023	As per test report
4	VEGAPULS 6X with model code PS6X(Z)(*).2*W********H*C*****	Ex ia IIC T6T1 Ga/Gb	P579933/4	CSA Group Testing UK Ltd	IECEx CSAE 22.0011X Issue no 1	19/10/2023	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 I to 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.

(d) Fund and the fest 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 maintenence schedule, if any, recommended by CSA Group Testing UK Ltd in their test reports c) The customer single subject on the customer single strength and customer single strength and copy of instructions booklet detailing operation & maintenance of the equipment so as to melanitalin its Flame Proof characterestics.
6) The After sales service and maintanance of subject equipment shall be looked after by your repeative VEGA NIDA LEVELAND PRESSURE MEASUREMENT PRIVATE LIMITED, PLOT NO.116, FULGAD Tables).

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 31/12/2027

Yours faithfully.

(K. Thiagaraian) Jt. Chief Controller of Explosives For Chief Controller of Explosives Nagpur

Copy to

Jt. Chief Controller of Explosives, West Circle, MUMBAI 2. VEGA INDIA LEVEL AND PRESSURE MEASUREMENT PRIVATE LIMITED.PLOT NO. 1,GAT NO.181, FULGAON ,Taluka/Tahsil : Haveli, District:PUNE,State:Maharashtra, Pincode:412216

> for Chief Controller of Explosives Nagpur

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> E-mail : explosives@explosives.gov.in Phone/Eav No : 0712 -2510248 Eav-2510577

> > Dated - 21/12/2023

Approval No : A/P/HO/MH/104/7904 (P579937)

To,

M/s. VEGA INDIA LEVEL AND PRESSURE MEASUREMENT PRIVATE LIMITED, Plot NO. 1. GAT NO. 181. FULGAON. Pune City, Taluka: Haveli, District: PUNE, State: Maharashtra, PIN: 412216

Sub · Sir(s)

Please refer to your letter No. OIN1547212 dated 14/12/2023 on the subject.

Approval of Intrinsically Safe Type Electrical Equipment, under Petroleum Rules 2002- Regarding

The following Ex electrical equipment(s) manufactured by you according to IEC 60079-0: 2017, IEC 60079-11: 2011, IEC 60079-26: 2021, 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.

	Description	Protection re	Equipment				
Sr. No			reference Number	Name	Certificate No.	Certificate Date	Drawing no
1	VEGAPULS 6X with model code PS6X(Z)(*).2*W********H*C*****	Ex ia IIC T6T1 Gb	P579937/1	CSA Group Testing UK Ltd	IECEx CSAE 22.0011X Issue no 1	19/10/2023	As per test report
2	VEGAPULS 6X with model code PS6X(Z)(*).2*W********A*C*****	Ex ia IIC T6T1 Gb	P579937/2	CSA Group Testing UK Ltd	IECEx CSAE 22.0011X Issue no 1	19/10/2023	As per test report
3	VEGAPULS 6X with model code PS6X(Z)(*).2*W*******H*C*****	Ex ia IIC T6T1 Ga/Gb	P579937/3	CSA Group Testing UK Ltd	IECEx CSAE 22.0011X Issue no 1	19/10/2023	As per test report
4	VEGAPULS 6X with model code PS6X(Z)(*).2*W*******A*C*****	Ex ia IIC T6T1 Ga/Gb	P579937/4	CSA Group Testing UK Ltd	IECEx CSAE 22.0011X Issue no 1	19/10/2023	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 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

(c) Name of 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) BIS approval number.

(f) Protection level.

4) 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 a Testing agency shall be furnished with each equipment. 5) The customer shall be supplied with a copy of this letter, an extract of the conditions and maintenence schedule, if any, recommended by CSA Group Testing UK Ltd and copy of

instructions booklet detailing operation & maintenance of the equipment so as to maintain its safe characterestics.

6) The IS/IEC 60079-17 and IS/IEC 60079-19 shall be followed for maintenance and repair of overhaul of the subject equipments.

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 31/12/2027

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

> for Chief Controller of Explosives Nagpur

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> > Dated - 26/12/2023

Approval No : A/P/HQ/MH/104/7914 (P580855)

To,

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

Sub :

Sir(s).

Please refer to your letter No. OIN1554235 dated 21/12/2023 on the subject

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

The following Ex electrical equipment(s) manufactured by you according to IEC 60079-0 : 2017, IEC 60079-11 : 2011, IEC 60079-26 : 2021, 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

	Description	Safety Protection	Equipment reference Number				
Sr. No				Name	Certificate No.	Certificate Date	Drawing no
1	VEGAPULS 6X with model code PS6X(Z)(*).2*W********H*C******	Ex ia IIC T6T1 Gb	P580855/1	CSA Group Testing UK Ltd	IECEx CSAE 22.0011X Issue no 1	19/10/2023	as per report
2	VEGAPULS 6X with model code PS6X(Z)(*).2*W********A*C*****	Ex ia IIC T6T1 Gb	P580855/2	CSA Group Testing UK Ltd	IECEx CSAE 22.0011X Issue no 1	19/10/2023	as per report
3	VEGAPULS 6X with model code PS6X(Z)(*).2*W*******H*C*****	Ex ia IIC T6T1 Ga/Gb	P580855/3	CSA Group Testing UK Ltd	IECEx CSAE 22.0011X Issue no 1	19/10/2023	as per report
4	VEGAPULS 6X with model code PS6X(Z)(*).2*W*******A*C*****	Ex ia IIC T6T1 Ga/Gb	P580855/4	CSA Group Testing UK Ltd	IECEx CSAE 22.0011X Issue no 1	19/10/2023	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 CSA Group Testing UK I to 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.

(d) Fund and the fest 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 maintenence schedule, if any, recommended by CSA Group Testing UK Ltd in their test reports c) The customer single subject on the customer single strength and customer single strength and copy of instructions booklet detailing operation & maintenance of the equipment so as to melanitalin its Flame Proof characterestics.
6) The After sales service and maintanance of subject equipment shall be looked after by your repeative VEGA NIDA LEVELAND PRESSURE MEASUREMENT PRIVATE LIMITED, PLOT NO.116, FULGAD Tables).

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 31/12/2027

Yours faithfully.

(K. Thiagaraian) Jt. Chief Controller of Explosives For Chief Controller of Explosives Nagpur

Copy to

Jt. Chief Controller of Explosives, West Circle, MUMBAI 2. VEGA INDIA LEVEL AND PRESSURE MEASUREMENT PRIVATE LIMITED.PLOT NO. 1,GAT NO.181, FULGAON ,Taluka/Tahsil : Haveli, District:PUNE,State:Maharashtra, Pincode:412216

for Chief Controller of Explosives

Nagpur

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Dated - 26/12/2023

Approval No : A/P/HQ/MH/104/7913 (P580857)

To,

M/s. VEGA Americas, Inc., 3877 Mason Research Parkway, Mason, Ohio 45036 U.S.A

Sub :

Sir(s).

Please refer to your letter No. OIN1554241 dated 21/12/2023 on the subject

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

The following Ex electrical equipment(s) manufactured by you according to IEC 60079-0 : 2017, IEC 60079-11 : 2011, IEC 60079-26 : 2021, standards and covered under CSA Group Testing UK Ltd Test reports mentioned below is/are approved for use in Zone 0 of Gas IIC hazardous areas coming under the the Petroleum Rules. 2002 administered by this Organization

	Sr. No	Description	Safetv	Equipment reference Number	Test Agency			
			Protection		Name	Certificate No.	Certificate Date	Drawing no
		VEGAPULS 6X with model code PS6X(Z)(*).2*W********H*C******	Ex ia IIC T6T1 Ga	P580857/1	CSA Group Testing UK Ltd	IECEx CSAE 22.0011X Issue no 1	19/10/2023	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 maintenence 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 characterestics. 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 .Taluka/Tahsil : Haveli, District: PUNE.State: Maharashtra, Pincode: 412216

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 31/12/2027

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. VEGA INDIA LEVEL AND PRESSURE MEASUREMENT PRIVATE LIMITED, PLOT NO. 1, GAT NO. 181, FULGAON, Taluka/Tahsil : Haveli, District: PUNE, State: Maharashtra, Pincode: 412216

for Chief Controller of Explosives Nagpur

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> > Dated : 26/12/2023

Approval No : A/P/HQ/MH/104/7912 (P580859)

To,

Ms, VEGA INDIA LEVEL AND PRESSURE MEASUREMENT PRIVATE LIMITED, PiolNo.1, GAT NO.181,FULGAON, FULGAON, Pune City, Taluka: Haveil, District: PUNE, State: Maharashtra, PIN:412216

Sub : Sir(s)

Please refer to your letter No. OIN1554232 dated 21/12/2023 on the subject.

Approval of Intrinsically Safe Type Electrical Equipment, under Petroleum Rules 2002- Regarding

The following Ex electrical equipment(s) manufactured by you according to IEC 60079-0 : 2017, IEC 60079-11 : 2011, IEC 60079-26 : 2021, standards and covered under CSA Group Testing UK Ltd Test reports mentioned below is/are approved for use in Zone 0 of Gas IIC hazardous areas coming under the the Petroleum Rules, 2002 administered by this Organization.

	Description	Safety	Equipment reference Number	Test Agency			
Sr. No		Protection		Name	Certificate No.	Certificate Date	Drawing no
	VEGAPULS 6X with model code PS6X(Z)(*).2*W********H*C******	Ex ia IIC T6T1 Ga	P580859/1	CSA Group Testing UK Ltd	IECEx CSAE 22.0011X Issue no 1	19/10/2023	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 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.

(d) Equipment reference number of this letter by which use of apparatus is ap (e) BIS approval number.

(f) Protection level

4) 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.

5) The customer shall be supplied with a copy of this letter, an extract of the conditions and maintenence schedule, if any, recommended by CSA Group Testing UK Ltd and copy of instructions booklet detailing operation & maintenance of the equipment so as to maintain its safe characterestics.

6) The IS/IEC 60079-17 and IS/IEC 60079-19 shall be followed for maintenance and repair of overhaul of the subject equipments.

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 31/12/2027

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

for Chief Controller of Explosives Nagpur

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