1 # TYPE EXAMINATION CERTIFICATE

2 Directive 2014/34/EU of the European Parliament and of the Council of 26 February 2014

3 Type Examination Certificate Number: **CSANe 26ATEX1095X** Issue: **0**

4 Equipment: **testo 565i EX**
Model: 0564 5654

5 Manufacturer: **Testo SE & Co. KGaA**

6 Address: Celsiusstr. 2
79822 Titisee-Neustadt
Germany

7 This product and any acceptable variation thereto, is specified in the schedule to this certificate and the documents therein referred to.

8 CSA Group Netherlands B.V., certifies, based on voluntary assessment, that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres, given in Annex II to the Directive.

The examination and test results are recorded in the confidential reports listed in item 16.2.

9 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN IEC 60079-0:2018 EN IEC 60079-7:2015+A1:2018 EN 60079-11:2012 EN IEC 60079-15:2019
EN ISO 80079-36:2016 EN ISO 80079-37:2016 EN 60079-18:2015+A1:2017

Where additional criteria beyond those given here have been used, they are listed in item 18 in the Schedule.

10 If the sign "X" is placed after the certificate number, it indicates that the product is subject to the "Specific Conditions of Use" listed in item 17 of this certificate.

11 This Type Examination Certificate relates only to the technical design of the specified product in accordance with the Directive 2014/34/EU. Further requirements of the Directive apply to the manufacturing process and supply of this product, these are not covered by this certificate.

12 The marking of the product shall include the following (additional marking is provided in the Schedule as a part of item 15, if applicable):

II 3G
Ex ec h ic mc nC IIB T4 Gc
+5°C ≤ T_{AMB} ≤ +40°C

Signed:

M Halliwell
Title: Senior Director of Operations
Date 07 July 2026

13 # SCHEDULE

14 **Type Examination Certificate Number:** **CSANe 26ATEX1095X** Issue: **0**

15 **Description:**

The testo 565i EX vacuum pump are intended to be used in Zone 2 explosive atmosphere. The pump is assembled by pump head, motor, pump housing, solenoid valve, cooling fan handle and oil tank etc. There are three normally arcing components in vacuum pump, the certified solenoid valve is as encapsulation "mc" components, the thermal protector of motor is as nC(non-incendive) components and two types relay are as nC(sealed) components, the motor and main drive PCB board are for "ec" concept, the BLE control board, LED & key board and partial drive board circuits are as "ic" concept and the pump head with coupling and bearing is for "h" concept. The testo 565i EX vacuum pump is dual frequency with single voltage (220-240Vac with 50Hz/60Hz). There is a cooling fan at end of testo 565i EX vacuum pump and will cooling for motor.

The part of enclosure of vacuum pump is made of non-metallic material, and the vacuum pump is transportable equipment.

The following certified components are located in the testo 565i EX vacuum pump:

Solenoid valve			
Manufacturer	Type / Model	Certificate No.	Code
Xingyu Electron (Ningbo) Co., Ltd.	Explosion proof solenoid coils 1680-DC12-1	IECEx CNEX 17.0006X Issue 4	Ex mc IIC T4 Gc

16 **Drawings and documents:**

16.1 **Technical documents:**

Refer to Certificate Annex.

16.2 **Associated reports and certificate history:**

Issue	Date	Report number	Comment
0	07 July 2026	R80302844A	The release of the prime certificate.

17 **Specific conditions of use** (denoted by "X" after the certificate number):

17.1 The equipment shall be installed such that the supply cable is protected from mechanical damage. The cable shall not to be subjected to tension or torque. The power cable shall be terminated within an un-explosive atmosphere.

17.2 End user shall pay attention to the running speed of the vacuum pump, installation angle and suitable location in order to avoid excessive vibration.

17.3 End user shall do maintenance regularly and ensure that the vacuum pump oil level shall be maintained between minimum and maximum position. If client want to change other non-specified vacuum pump oil, please contact testo for consultation.

18 **Essential health and safety requirements of Annex II** (EHSRs):

The relevant EHSRs that are not addressed by the standards listed in item 9 of this certificate have been identified and conformity of the product demonstrated in the reports listed in item 16.2.

19 **Remarks and additional information:**

The use of this certificate is subject to the regulations applicable to holders of CSA Group Netherlands B.V. certificates.

Compliance of the product with the applicable safety requirements of the relevant industrial standards has not been verified and is not covered by this certificate.

19.1 **Conditions of manufacture:**

19.1.1 The testo 565i EX vacuum pump shall be subjected to a dielectric strength test. The tests voltage is more than 1500Vac or 2125Vdc for least 60 s without dielectric breakdown occurring between between input and the earthing, and between input and the non-metallic surface of the equipment. Alternatively, the test may be carried out at 1800Vac or 2550Vdc for at least 100 ms between vacuum pump input and the earthing, and between input and the non-metallic surface of the equipment. The testing base on clause 7.1 of EN IEC 60079-7:2015+A1:2018. Alternatively, The testo 565i EX vacuum pump shall be subjected to a dielectric strength test with 1000Vac at least 1 s without dielectric breakdown occurring between input and the earthing. The testing is based on clause A.3 of EN 60335-1.

19.1.2 The motor of testo 565i EX vacuum pump shall be subjected to a dielectric strength test with 1500Vac or 2125Vdc for least 60 s without dielectric breakdown occurring between input of motor and the earthing. Alternatively, the test may be carried out at 1800Vac or 2550Vdc for at least 100 ms without dielectric breakdown occurring between input of motor and the earthing. The testing base on clause 7.1 of EN IEC 60079-7:2015+A1:2018. Alternatively, the motor shall be subjected to a dielectric strength test with 1000Vac at least 1 s without dielectric breakdown occurring between input of motor and the earthing. The testing is based on clause A.3 of EN 60335-1.

Certificate Annexe

Document History

Issue – 0

Documents Introduced or Revised

Drawing	Sheets	Rev.	Date (Stamp)	Title
0140 0428	1 of 1	-	17 Jun 26	Label, 45 x 25mm, t565i EX
0140 1011	1 of 1	-	03 Jun 26	Label, 82.6 x 32.6mm, t565i EX