



SGSNA26EX052702X

SGS

(1) **EX-TYPE EXAMINATION CERTIFICATE**

(2) **Directive 2014/34/EU of the European Parliament and of the council of 26 February 2014
Equipment intended for Explosive Atmosphere -ATEX Directive**

(3) **ProCert No** : SHEX2505000063MD

(4) **Certificate Number** : SGSNA26EX052702X

Issue No : 0

(5) **Equipment** : Gas leak detector (testo 515Ex, testo 516Ex)

(6) **Applicant** : Testo SE & Co. KGaA

(7) **Address** : Celsiusstr. 2, 79822 Titisee-Neustadt, Germany

(8) This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

(9) SGS North America Inc., Notified Body Number 3015 in accordance with Article 17 and Article 21 of the Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies, 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.

(10) Compliance with the Essential Health and Safety Requirements has been assured by compliance with the following Harmonized Standards : EN IEC 60079-0:2018, EN 60079-1:2014, EN 60079-11:2012, EN IEC 60079-15:2019, EN 60079-28:2015

Where additional criteria beyond those given here have been used, they are listed at item 16 in the Schedule.

(11) The marking of the product shall include the following



II 3 G Ex ic dc IIC T3 Gc for 0560 0515

II 3 G Ex ic op is nC IIC T3 Gc for 0560 0516

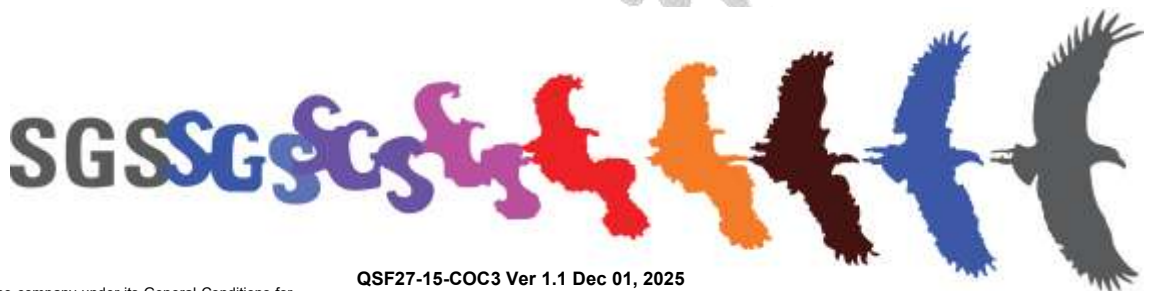
Rated: 3.635V Battery Powered; Um=5.5V (charging port)

(12) **Product Description** : Gas leak detector
Testo 515Ex (0560 0515);Testo 516Ex (0560 0516);

Testo 516Ex and testo 515Ex type gas leak detectors are used for the short-term detection of leaks in gas and refrigerant systems in potentially explosive atmospheres.

The gas leak detector consists of a enclosure, one battery pack for supply power, four buttons to control equipment, one LCD for display, one type-C charger port and PCBAs.

The enclosure is composed of the front and back ABS housing covers. the equipment is powered by 3.635V battery and charger port is provided to charge the battery in a non-hazardous area, refer to "Specific Conditions of Use" for more information.





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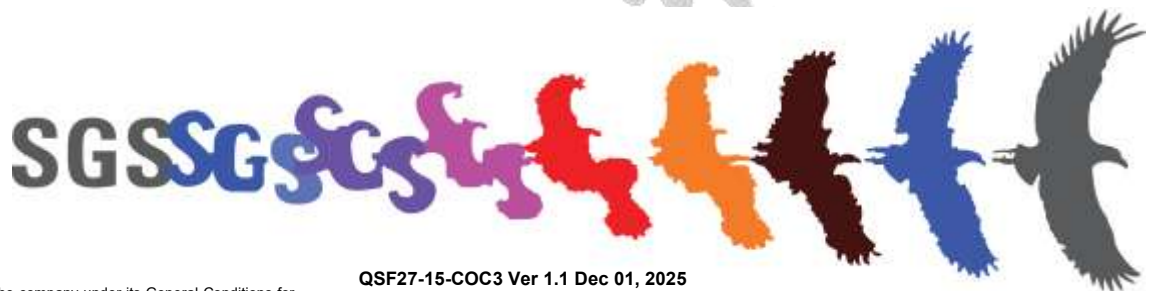
The equipment's circuits are designed as "Ex ic", the 515Ex type is fit with "Ex dc" mOx sensor, and the 516Ex type is fit with "Ex op is nC" NDIR sensor.

- (13) If the sign "X" is placed after the certificate number, it indicates that the product is subject to the "Specific Conditions of Use" listed under item 15 of this certificate. {paragraph cannot be used for components}.
- If the sign "U" placed behind the certificate number, it indicates that this certificate should not be confused with certificates issued for equipment of protective systems. This partial certification may not be used as basis for certification of an equipment or protective systems. "Schedule Of Limitations" is listed under item 15 of this certificate.
- (14) This EX-Type Examination Certificate relates only to the technical design of the specified product in accordance to 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.
- (15) **Special Conditions of Safe Use "X":**
1. The ambient temperature is -10°C~+50°C.
 2. Do not open when an explosive atmosphere is present.
 3. Do not replace and charge battery in hazardous location.
 4. USB connector is only permitted in non-hazardous location, using the device approved as SELV or Class 2 equipment against EN/IEC 62368 or an equivalent EN/IEC standard. The maximum voltage Um from the charger shall not exceed Um 5.5V.
 5. The leak detector is intended to be used and charged only within a pollution degree 2 environment. Not intended to be transported, once deployed in a controlled Pollution degree 2 environment. Use, transport or charge outside of controlled pollution degree 2 environment shall require for the product to be serviced by the manufacturer or on behalf of the manufacturer under their responsibility.
- (16) Essential health and safety requirements met by compliance with the requirements mentioned in item 10 and where required, the report listed in item 3.
- (17) This certification may be withdrawn if the manufacturer does not meet other applicable requirements of the EU Directive 2014/34/EU. This is a voluntary CAT 3 type certificate and not an EU Type Examination Certificate.

Authorized by:

Effective date: Aug 28, 2026

John Luong-Certification Manager



This certificate is issued by the company under its General Conditions for Certification Services accessible at <https://www.sgs.com/en/terms-and-conditions>. Attention is drawn to the limitations of liability defined therein and in the Test Report here above mentioned which findings are reflected in this Certificate. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

QS27-15-COC3 Ver 1.1 Dec 01, 2025
Certification Body

SGS North America Inc.
6755 Mississauga Road, Suite 204, Mississauga ON L5N 7Y2
uscts.certifications@sgs.com



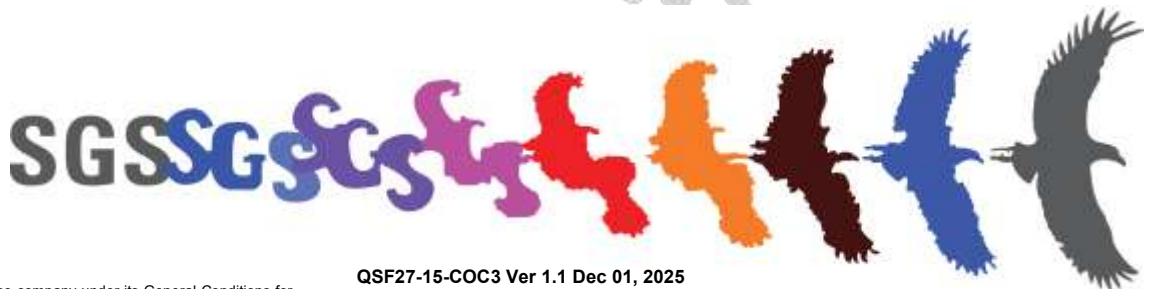
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(18) **Routine (Factory) Tests:**
N/A

(19) **Critical Drawings and Documentation-Tabulated based on Issue Number**

Issue 0				
S. No	Drawing No.	Description	Rev.	Date
1	0560 0515_SAP BOM	Combination Ref & Gas, t515Ex BOM	V1.2	Aug. 19.2026
2	0393 0621_SAP BOM	mOx module Gas BOM	V1.0	Apr. 14.2026
3	0393 0631_SAP BOM	mOx module Refrigerants BOM	V1.0	Apr. 14.2026
4	0560 0516_SAP BOM	High-End CO2 & Ref & Gas, t516Ex BOM	V1.2	Aug. 19.2026
5	0393 0511_SAP BOM	NDIR module CO2 BOM	V1.0	Apr. 14.2026
6	0393 0521_SAP BOM	NDIR module Gas BOM	V1.0	Apr. 14.2026
7	0393 0531_SAP BOM	NDIR module Ref BOM	V1.0	Apr. 14.2026
8	0216 8186_PCB Layout	T51x Pro High end main board, 2025_PCB Layout	4.b	Jul.01.2026
9	0216 8183_PCB Layout	MCU module, EBP003-2nd, STM32U585ZIT6_PCB Layout	1.b	Jun.09.2026
10	0216 8163_PCB Layout	ENG007(1st) board, 2024_PCB Layout	V2.2	Apr.27.2026
11	0216 1279_PCB Layout	PCBA, Key, Compact class, 2022_PCB Layout	V2.3	Jun.10.2026
12	0216 8187_PCB Layout	T51x Pro USB, 2025_PCB Layout	2.c	Jun.08.2026
13	0216 3801_PCB Layout	MOx Gas& Refrigerants_PCB Layout	3.a	Apr.14.2026
14	0216 3802_PCB Layout	NDIR Gas & Refrigerants_PCB Layout	1.b	Apr.14.2026
15	0216 3804_PCB Layout	RMD024 Jack plug_PCB Layout	1.c	Apr.14.2026
16	0216 3805_PCB Layout	RMD024 Sensor wiring_PCB Layout	0.a	Apr.14.2026
17	0460 8186_Component placement	T51x Pro High end main board, 2025_Component placement	4.0.b	Jul.01.2026
18	0344 0056_Component placement	MCU module, EBP003-2nd, STM32U585ZIT6_Component placement	1.0.b	Jun.09.2026
19	0460 8163_Component placement	ENG007(1st) board, 2024_Component placement	V2.1.1	Jun.10,2026
20	0460 1279_Component placement	PCBA,Key, Compact class, 2022_Componen placement	V2.3	Jun.10.2026
21	0460 8187_Component placement	T51x Pro USB, 2025_Component placement	2.0.c	Jun.08,2026
22	0460 3801 01	PCB Placement Mox Gas	3.0.a	Apr.14.2026
23	0460 3801 02	PCB Placement Mox Refrigeration	3.0.a	Apr.14.2026
24	0460 3802 01	NDIR CO2 & Gas	1.0.b	Apr.14.2026



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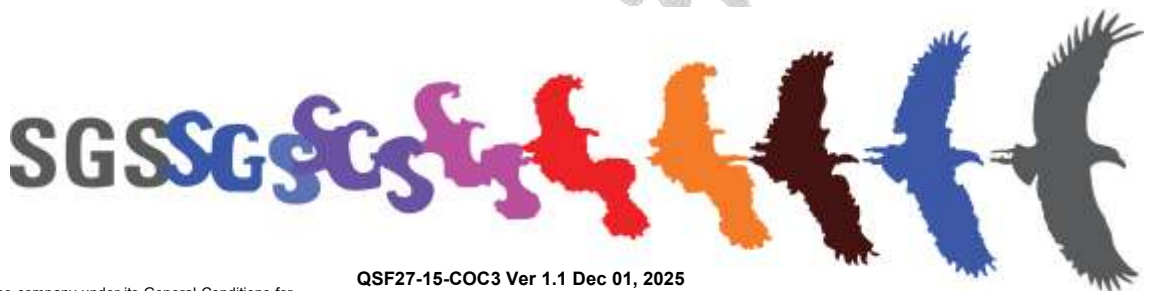


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25	0460 3802 02	NDIR Refrigerants	1.0.b	Apr.14.2026
26	0460 3804 01	RMD024 Jack plug	1.0.c	Apr.14.2026
27	0460 3805 01	RMD024 Sensor wiring	0.1.a	Apr.14.2026
28	0460 8186 SCH	T51x Pro High end main board, 2025 Schematic	4.0.b	Jul.01.2026
29	0344 0056 SCH	MCU module, EBP003, STM32U585ZIT6 Schematic	1.0.b	Jun.09.2026
30	0460 8163 SCH	ENG007 (1st source) , 2024 Schematic	2.1.1	Jun.10.2026
31	0460 1279 SCH	PCBA, Key, Compact class, 2022 Schematic	V2.3	Jun.10.2026
32	0460 8187 SCH	T51x Pro USB, 2025 Schematic	2.0.c	Jun.08.2026
33	0460 3801 01 SCH	MOx Gas	3.0.a	Apr.14.2026
34	0460 3801 02 SCH	MOx Refrigeration	3.0.a	Apr.14.2026
35	0460 3802 01 SCH	NDIR CO2 & Gas	1.0.b	Apr.14.2026
36	0460 3802 02 SCH	NDIR Refrigerants	1.0.b	Apr.14.2026
37	0460 3804 01 SCH	RMD024 Jack plug	1.0.c	Apr.14.2026
38	0460 3805 01 SCH	RMD024 Sensor wiring	0.1.a	Apr.14.2026
39	0440 1373 / 0440 1374	Front housing, t515Ex Front housing, t516Ex	-	Apr.09.2026
40	0192 3089	Front housing, t515Ex & t516Ex	-	Apr.09.2026
41	0192 3092	Back housing, t515Ex & t516Ex	a	Jul.13.2026
42	0192 3094	Top cover, t515Ex	-	Apr.09.2026
43	0192 3095	Top cover, t516Ex	-	Apr.29.2026
44	0560 0515	Combination Ref & Gas, t515Ex	b	Aug.13.2026
45	0560 0516	High-End Ref & Gas, t516Ex	b	Aug.13.2026
46	0140 0418	Warning label, 26x12, silver	-	Apr.15.2026
47	0140 0419	Main label, t515Ex	a	Jun.05.2026
48	0140 0420	Main label, t516Ex	a	Jun.05.2026
49	0970 5151	testo 515 Ex combination leak detector Instruction manual	04	Aug.2026
50	0970 5161	testo 516 Ex High-end leak detector Instruction manual	02	Aug.2026

(20)	Certification History
Iss. No	Purpose
0	Initial release



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