


**EU Type Examination Certificate CML 24ATEX2184 Issue 0**

- 1 Equipment intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU
- 2 Equipment **Portable Gas Detector type be safe SG \*\*\***
- 3 Manufacturer **Seitron S.p.A.**
- 4 Address **Via del Commercio, 9/11  
36065 Mussolente (VI) ITALY**
- 5 The equipment is specified in the description of this certificate and the documents to which it refers.
- 6 Eurofins CML B.V., Chamber of Commerce No 67386717, Koopvaardijweg 32, 4906CV Oosterhout, The Netherlands, Notified Body Number 2776, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment 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 Section 12.
- 7 If an 'X' suffix appears after the certificate number, it indicates that the equipment is subject to conditions of safe use (affecting correct installation or safe use). These are specified in Section 14.
- 8 This EU Type Examination certificate relates only to the design and construction of the specified equipment or component. Further requirements of Directive 2014/34/EU Article 13 apply to the manufacture of the equipment or component and are separately certified.
- 9 Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the confidential report, has been demonstrated through compliance with the following documents:

EN IEC 60079-0:2018

EN 60079-11:2012

- 10 The equipment shall be marked with the following:

 II 1 G

Ex ia IIC T4 Ga

Ta: -40 °C to +60 °C (H<sub>2</sub>S, CO, SO<sub>2</sub>)Ta: -30 °C to +60 °C (O<sub>2</sub>)

## 11 Description

The Portable Gas Detector type 'be safe SG \*\*\* are personal safety devices designed to detect the presence of specific toxic gases (Hydrogen Sulphide (H<sub>2</sub>S), Carbon Monoxide (CO), Oxygen (O<sub>2</sub>) deficiency or Sulphur Dioxide (SO<sub>2</sub>).

The detector comprises a hand-held detector with a specific sensor which determines the type number.

- H<sub>2</sub>S: Hydrogen Sulphide (H<sub>2</sub>S) gas detector
- CO: Carbon Monoxide (CO) gas detector
- O<sub>2</sub>: Oxygen (O<sub>2</sub>) gas detector
- SO<sub>2</sub>: Sulphur Dioxide (SO<sub>2</sub>) gas detector

In the case of an alarm, the detector can provide flashing LED, audible and vibration warnings. Communications with the detector is made via an infrared port in the safe area.

## 12 Certificate history and evaluation reports

Issue	Date	Associated report	Notes
0	06 Aug 2024	R17838A/00	Issue of Prime Certification

Note: Drawings that describe the equipment or component are listed in the Annex.

## 13 Conditions of Manufacture

The following conditions are required of the manufacturing process for compliance with the certification.

- i. Where the product incorporates certified parts or safety critical components, the manufacturer of the product defined on this certificate shall continually monitor these parts/components for any modifications introduced by the manufacturer(s) of these constituent parts. If the manufacturer of any constituent part introduces any changes which affect the compliance of the certified product that is the subject of this certificate, the manufacturer is required to have this certificate updated.

## 14 Specific Conditions of Use (Special Conditions)

None.

## Certificate Annex

**Certificate Number** CML 24ATEX2184  
**Equipment** Portable Gas Detector type be safe SG \*\*\*  
**Manufacturer** Seitron S.p.A.



The following documents describe the equipment or component defined in this certificate:

### Issue 0

Drawing No	Sheets	Rev	Approved date	Title
042744	1 of 1	-	06 Aug 2024	Product Label for 'be safe SG H2S' (PM1H000001SE)
042740	1 of 1	-	06 Aug 2024	Product Label for 'be safe SG CO' (PM1C000001SE)
042431	1 of 1	-	06 Aug 2024	Product Label for 'be safe SG O2' (PM1G000001SE)
042474	1 of 1	-	06 Aug 2024	Product Label for 'be safe SG SO2' (PM1S000001SE)