



# IECEX Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

Certificate No.: **IECEX CML 24.0071** Page 1 of 3 [Certificate history:](#)

Status: **Current** Issue No: 0

Date of Issue: 2024-08-06

Applicant: **Seitron SpA a Socio Unico**  
Via del Commercio 9/11  
Mussolente (VI) 36065  
**Italy**

Equipment: **Portable Gas Detector type be safe SG \*\*\***

Optional accessory:

Type of Protection: **Intrinsically Safe Ex "i"**

Marking: **Ex ia IIC T4 Ga**  
**Ta: -40 °C to +60 °C (H2S, CO, SO2)**  
**Ta: -30 °C to +60 °C (O2)**

Approved for issue on behalf of the IECEx  
Certification Body:

**L A Brisk**

Position:

**Assistant Certification Manager**

Signature:  
(for printed version)

Date:  
(for printed version)

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting [www.iecex.com](http://www.iecex.com) or use of this QR Code.



Certificate issued by:

**Eurofins E&E CML Limited**  
**Unit 1, Newport Business Park**  
**New Port Road**  
**Ellesmere Port, CH65 4LZ**  
**United Kingdom**





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Manufacturer: **Seitron SpA a Socio Unico**  
Via del Commercio 9/11  
Mussolente (VI) 36065  
**Italy**

Manufacturing  
locations:

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEX Quality system requirements. This certificate is granted subject to the conditions as set out in IECEX Scheme Rules, IECEX 02 and Operational Documents as amended

## STANDARDS :

The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

[IEC 60079-0:2017](#) Explosive atmospheres - Part 0: Equipment - General requirements  
Edition:7.0

[IEC 60079-11:2011](#) Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"  
Edition:6.0

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

## TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Report:

[GB/CML/ExTR24.0134/00](#)

Quality Assessment Report:

[IT/EUT/QAR24.0003/00](#)



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**EQUIPMENT:**

Equipment and systems covered by this Certificate are as follows:

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>)).

**See Annex for full description and Conditions of Manufacture.**

**SPECIFIC CONDITIONS OF USE: NO**

**Annex:**

[IECEX CML 24.0071 Iss. 00 Certificate Annex.pdf](#)

**Annexe to:** IECEx CML 24.0071 Issue 0  
**Apparatus:** Portable Gas Detector type be safe SG \*\*\*  
**Applicant:** Seitron S.p.A.



## 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.

## 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.



Certificate Annex IECEx  
Version: 10.0 Approval: Approved



**Eurofins E&E CML Limited**  
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