

1 **UNITED KINGDOM CONFORMITY ASSESSMENT**  
2 **UK TYPE EXAMINATION CERTIFICATE**

3 **Product Intended for use in Potentially Explosive Atmospheres**  
4 **UKSI 2016:1107 (as amended by UKSI 2019:696) – Schedule 3A, Part 1**

5 Type Examination Certificate Number: **ExVeritas 21UKEX0913X** Issue: **0**

6 Product: JB3/Tocsin 903

7 Manufacturer: Oliver IGD Ltd. (International Gas Detectors)

8 Address: Triton House, Crosby St,  
9 Stockport, SK2 6SH, UK

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

11 ExVeritas Limited Approved Body number 2585, in accordance with Regulation 42 of the Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 2016, UKSI 2016:1107 (as amended by UKSI 2019:696), 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 Schedule 1 of the Regulations.

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

**EN IEC 60079-0: 2018**

**EN 60079-1:2014**

**EN 60079-31:2014**

Except in respect of those requirements listed at section 16 of the schedule to this certificate.

13 If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.

14 This TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified product. Further requirements of the Regulations apply to the manufacturing process and supply of this product. These are not covered by this certificate.

15 The marking of the equipment shall include the following:

 II 2 G Ex db IIC T6/T5 Gb T<sub>amb</sub> -20°C to +40°C/+55°C

 II 2 D Ex tb IIIC T85°C/T100°C Db T<sub>amb</sub> -20°C to +40°C/+55°C



**No. 8613**

On behalf of ExVeritas



S Clarke CEng MSc FIET  
Managing Director

This certificate may only be reproduced in its entirety and without any change, schedule included.

The status of this certificate can be verified at [www.exveritas.com](http://www.exveritas.com)

For help or assistance relating to this certificate, contact [info@exveritas.com](mailto:info@exveritas.com).

ExVeritas, Units 16-18, Abenbury Way, Wrexham Industrial Estate, Wrexham, United Kingdom LL13 9UZ.

ExVeritas® is a registered trademark, unauthorised use will lead to prosecution.

## Schedule

### 13 Description of Product

The JB3 (also known as the Tocsin 903) is made up of a component certified Ex d enclosure with up to 2 approved gas detectors fitted into it. The component enclosure has either three M20 threaded entries, covered under certificate IECEX FTZU 12.0017U or five M20 entries covered under certificate IECEX FTZU 21.0002U. The enclosure can also be provided without a detector fitted. The enclosure has a threaded lid with the option of window being fitted.

Both internal and external earthing is provided.

Rating – 12-32VDC 2.5W MAX

#### 13.1 Details of change:

The following changes are introduced in issue 1 of the certificate:

- Inclusion of 5 entry component enclosure, description revised accordingly.
- Consolidation of drawings.

### 14 Descriptive Documents

#### 14.1 Associated Report and Certificate History:

Report Number	Cert Issue Date	Issue	Comment
R3056/A/1	2021.06.18	0	Initial issue of the Prime Certificate
R3834/A/1	2022.03.16	3	Issue of the first variation, section 13.1 details.

#### 14.2 Compliance Drawings:

Title:	Drawing No.:	Rev. Level:	Date:
Typical 903 Labelling Drawing Sheet 1 of 2	903-LBL-001	5	09.06.21
Typical JB3 Labelling Drawing Sheet 2 of 2	JB3-LBL-001	5	09.06.21
JB3 903 Concept Drawing	903-1-002	5	13/01/2022

### 15 Specific Conditions of Use

#### 15.1 Special Conditions for Safe Use

- The enclosures can have a non-conductive coating applied and may generate an ignition-capable level of electrostatic charges under certain extreme conditions. The user should ensure that the equipment is not installed in a location where it may be subjected to external conditions (such as high-pressure steam) which might cause a build-up of electrostatic charges on non-conducting surfaces. Additionally, cleaning of the equipment should be done only with a damp cloth.
- The flameproof joints employed in the equipment are not intended to be repaired.

#### 15.2 Routine tests

- None

### 16 Essential Health and Safety Requirements (Regulations Schedule 1)

Essential Health and Safety Requirements are addressed by the standards listed in section 9 and where required the report listed in section 14.1

The manufacturer shall inform the ExVeritas of any modifications to the design of the product described by this schedule.

Certificate: **ExVeritas 21UKEX0913X**

Issue **1**

This certificate may only be reproduced in its entirety and without any change, schedule included.  
For help or assistance relating to this certificate, contact [info@exveritas.com](mailto:info@exveritas.com).  
ExVeritas, Units 16-18, Abenbury Way, Wrexham Industrial Estate, Wrexham, United Kingdom LL13 9UZ.  
ExVeritas® is a registered trademark, unauthorised use will lead to prosecution.