

**1 EU - Type Examination Certificate**

2 Equipment intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU

3 Certificate Number: ExVeritas 16 ATEX 0140X Issue: 1

4 Equipment: JB3/Tocsin 903

5 Manufacturer: Oliver IGD Ltd (International Gas Detectors)

6 Address: Triton House, Crosby Street,  
Stockport, SK2 6TS. UK

7 This equipment and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

8 ExVeritas, Notified Body number 2585 in accordance with Article 9 of the Council Directive 2014/34/EU of 26 February 2014, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to design and construction of equipment and protective systems for use in potentially explosive atmospheres given in Annex II to the Directive

9 Compliance with the applicable Essential Health and Safety Requirements has been assured by compliance with the following Standards and section 16 of this certificate:

EN 60079-0: 2012


EN 60079-1: 2014

EN 60079-31:2014

10 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.

11 This EU-Type Examination Certificate relates only to the design, construction, examination and tests of the specified equipment or protective system in accordance to the Directive 2014/34/EU. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.

12 The marking of the equipment shall include the following:

 II 2 G Ex db IIC T6 Gb

II 2 D Ex tb IIIC T85°C Db



**No. 8613**

On behalf of ExVeritas



S Clarke CEng MSc MIET  
Certification Manager

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

The certificate is only valid when it carries an original signature.

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.

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## Schedule

### 13 Description of Equipment or Protective System

The JB3 (also known as the Tocsin 903) is made up of a component certified Ex d enclosure with an ATEX approved gas detector fitted into it. The component approved enclosure is covered under certificate IECEX FTZU 12.0017U. The enclosure has three M20 threaded entries with one being used to fit a gas detector. The enclosure has a threaded lid with the option of window being fitted. Both internal and external earthing is provided.

### 14 Descriptive Documents

#### 14.1 Associated Report and Certificate History:

Report Number	Cert Issue Date	Issue	Comment
EVL0822/A/1	2016.05.27	1	Initial issue of the Prime Certificate

#### 14.2 Compliance Drawings:

##### Issue 0

Number	Date	Issue	Description
903-LBL-001	2016.04.19	3	Typical 903 Labelling Drawing Sheet 1 of 2
JB3-LBL-001	2016.04.19	3	Typical JB3 Labelling Drawing Sheet 2 of 2
903-1-002	2016.04.19	1	Tocsin 903 Concept DWG Sheet 1 of 2
903-1-002	2016.04.19	1	Tocsin 903 Concept DWG Sheet 2 of 2
JB3-1-001	2016.04.19	1	JB3 Concept DWG Sheet 1 of 2
JB3-1-001	2016.04.19	1	JB3 Concept DWG Sheet 2 of 2
106-1-003	2016.04.19	1	TOCSIN 106/7 Concept DWG Sheet 1 of 2
106-1-003	2016.04.19	1	TOCSIN 106/7 Concept DWG Sheet 2 of 2

### 15 Conditions of Certification

#### 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 Conditions for Use

- None

### 16 Essential Health and Safety Requirements

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 Notified Body of any modifications to the design of the product described by this schedule.

Certificate 16 ATEX 0140X Issue 1

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