



# IECEX Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

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

Certificate No.: IECEx EXV 16.0002X Issue No: 0 Certificate history:  
Issue No. 0 (2016-05-20)

Status: **Current** Page 1 of 3

Date of Issue: **2016-05-20**

Applicant: **Oliver IGD Ltd (International Gas Detectors)**  
Triton House  
Crosby Street  
Stockport  
SK2 6TS  
**United Kingdom**

Equipment: **JB3/Tocsin 903**  
*Optional accessory:*

Type of Protection: **Flameproof 'db' and Dust ignition protection by enclosure 'tb'**

Marking:  
Ex db IIC T6 Gb  
Ex tb IIIC T85°C Db

*Approved for issue on behalf of the IECEx  
Certification Body:*

Sean Clarke CEng MSc MIET

*Position:*

Certification Manager

*Signature:  
(for printed version)*

*Date:*

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 the [Official IECEx Website](http://www.iecex.com).

Certificate issued by:

**ExVeritas Limited**  
Units 16-18 Abenbury Way  
Wrexham Ind. Est.  
Wrexham LL 139UZ  
United Kingdom





# IECEX Certificate of Conformity

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Manufacturer: **Oliver IGD Ltd (International Gas Detectors)**  
Triton House  
Crosby Street  
Stockport  
SK2 6TS  
**United Kingdom**

Additional Manufacturing  
location(s):

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 electrical apparatus 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 : 2011** Explosive atmospheres - Part 0: General requirements  
Edition:6.0

**IEC 60079-1 : 2014-06** Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"  
Edition:7.0

**IEC 60079-31 : 2013** Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"  
Edition:2

*This Certificate **does not** indicate compliance with electrical 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/EXV/ExTR16.0002/00](#)

Quality Assessment Report:

[GB/EXV/QAR16.0001/00](#)



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## Schedule

### EQUIPMENT:

*Equipment and systems covered by this certificate are as follows:*

The JB3 (also known as the Tocsin 903) is made up of a component certified Ex d enclosure with an IECEx 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.

### CONDITIONS OF CERTIFICATION: YES as shown below:

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.

### Annex:

[IECEX EXV 16.0002X Certificate Annex .pdf](#)

<b>Manufacturer's documents:</b>				
Title:	Drawing No.:	Rev	Sheets	Date:
Typical 903 Labelling Drawing	903-LBL-001	3	1 of 2	2016.04.19
Typical JB3 Labelling Drawing	JB3-LBL-001	3	2 of 2	2016.04.19
Tocsin 903 Concept DWG	903-1-002	1	1 of 2	2016.04.19
Tocsin 903 Concept DWG	903-1-002	1	2 of 2	2016.04.19
JB3 Concept DWG	JB3-1-001	1	1 of 2	2016.04.19
JB3 Concept DWG	JB3-1-001	1	2 of 2	2016.04.19
TOCSIN 106/7 Concept DWG	106-1-003	1	1 of 2	2016.04.19
TOCSIN 106/7 Concept DWG	106-1-003	1	2 of 2	2016.04.19