

## IECEx Certificate of Conformity

INTER IEC C	CONTIONAL EL Certification Soc for rules and detail	LECTROTECHNICAL C Cheme for Explosive A Is of the IECEx Scheme visit www.iece	COMMISSION tmospheres
Certificate No.:	IECEx SIR 15.0089	issue No.:0	Certificate history:
Status:	Current		
Date of Issue:	2015-12-18	Page 1 of 3	
Applicant:	FFE Limited 9 Hunting Gate Hitchin Hertfordshire SG4 0T United Kingdom	J	
Electrical Apparatus: Optional accessory:	Optical beam smoke	e detector (Fireray 3000 Ex d)	
Type of Protection:	Flameproof, Optical	Isolation and Dust Protection by E	nclosure
Marking:	Ex db op is IIC T6 G Ex tb IIIC T85°C Db Ta = -20°C to +55°C	Gb C	
Approved for issue on b Certification Body:	ehalf of the IECEx	N Jones	
Position:		Certification Manager	
Signature: (for printed version)		n. Jour.	
Date:		2015-12-18	
<ol> <li>This certificate and so</li> <li>This certificate is not</li> <li>The Status and auther</li> </ol>	chedule may only be rep transferable and remains enticity of this certificate r	roduced in full. s the property of the issuing body. may be verified by visiting the Official	ECEx Website.
Certificate issued by:	artification Service		
Unit 6. Hay	CSA Group warden Industrial Park	<b>.</b>	
Ui	Hawarden Deeside CH5 3US nited Kingdom	GERTIFICATIO	Group

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Manufacturer:	FFE Limited 9 Hunting Gate Hitchin Hertfordshire SG4 0TJ 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 Edition: 6.0	Explosive atmospheres - Part 0: General requirements
IEC 60079-1 : 2014-06 Edition: 7.0	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
IEC 60079-28 : 2015 Edition: 2	Explosive atmospheres - Part 28: Protection of equipment and transmission systems using optical radiation
IEC 60079-31 : 2013 Edition: 2	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"

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/SIR/ExTR15.0342/00

Quality Assessment Report:

GB/SIR/QAR13.0025/01

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	Schedule	
QUIPMENT:	vered by this certificate are as follows:	
certified under IECEx T Cable entry holes are p certified cable glands o equipment, with a minin	RC 13.0020U. rovided as specified on the certified c blanking plugs, as appropriate, mair num of IP 66.	Trawings. Entries are to be fitted with suitably intaining the ingress protection marked on the
ONDITIONS OF CERTIFI	CATION: NO	