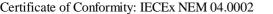


IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.:	IECEx NEM 04.0002	issue No.:2	Certificate history
Status:	Current		
Date of Issue:	2006-07-19	Page 1 of 4	
Applicant:	Federal Signal Corpo 2645 Federal Signal Driv University Park, IL 60466 United States of Ame	e 3-3195	
Electrical Apparatus: Optional accessory:	Loudspeaker		
Type of Protection:	Flameproof 'd'		
Marking:	IECEx NEM 04.0002 Ex d IIB T6 Ex d IIB T6 Ta = 55°C Ex d IIB T5 Ta = 70°C		
Approved for issue on Certification Body:	behalf of the IECEx	Rolf Hoel	
Position:		Certification Manager	
Signature: (for printed version)			_
Date:			_
2. This certificate is not		luced in full. he property of the issuing body. y be verified by visiting the Official IECEx V	√ebsite.
Certificate issued by:			
	NEMKO Gaustadelleen 30 Oslo N-0314 Norway	(N)





IECEx Certificate of Conformity

Certificate No.: IECEx NEM 04.0002

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Manufacturer: Federal Signal Corporation

2645 Federal Signal Drive University Park, IL 60466-3195 United States of America

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 : 2000 Electrical apparatus for explosive gas atmospheres - Part 0: General requirements

IEC 60079-1 : 2003

Electrical apparatus for explosive gas atmospheres - Part 1: Flameproof enclosure 'd'

Edition: 5

Edition: 3.1

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

IECEx ATR: File Reference: NO/NEM/04/30838 30838

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CONDITIONS OF CERTIFICATION: NO

IECEx Certificate of Conformity

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Schedule

EQU	

Equipment and systems covered by this certificate are as follows:

Type designation: 120 series Exd. Loudspeaker with transformer. The loudspeaker has pressed metal wire element of stainless steel. The loudspeaker can be equipped with ES4 sounder (PCB) or ES5 powered loudspeaker (PCB).



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

This version is issued to confirm that the stated marking IEXEx NEM 04.0002 on page 1 shall be the following: IECEx NEM 04.0002. The type designation is listed in the schedule. Issue No.: 2 covers new Applicant and Manufacturers name and address.