



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 BAS 07.0026X issue No.:0 Certificate history:

Status: **Current**

Date of Issue: **2007-08-21** Page 1 of 3

Applicant: **RTK Instruments Limited**
St. James Business Park
Knaresborough
North Yorkshire
HG5 8PJ
United Kingdom

Electrical Apparatus: **IS Sounder**
Optional accessory:

Type of Protection: **Intrinsic safety**

Marking: **IECEX BAS 07.0026X**
Ex Ia IIC T4

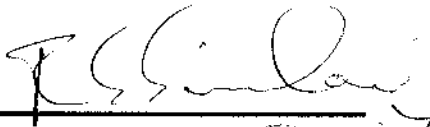
*Approved for issue on behalf of the IECEx
Certification Body:*

R S Sinclair

Position:

Managing Director

Signature:
(for printed version)


22-8-07

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.

Certificate issued by:

Baseefa (2001) Ltd.
Rockhead Business Park
Staden Lane
Buxton
Derbyshire
SK17 9RZ
United Kingdom





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Manufacturer: **RTK Instruments Limited**
St. James Business Park
Knaresborough
North Yorkshire
HG5 8PJ
United Kingdom

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 manufacture'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 : 2004 Edition: 4.0	Electrical apparatus for explosive gas atmospheres - Part 0: General requirements
IEC 60079-11 : 2006 Edition: 5	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"

*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/BAS/ExTR07.0114/00

Quality Assessment Report:
GB/BAS/QAR07.0035/00



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The IS Sounder DA-132 is designed to provide an audible warning when activated.

The Sounder comprises an inductive audio transducer and an electronics PCB mounted within a polycarbonate enclosure and has 32 user-selectable tones.

Electrical connections are made to terminals within the base of the Sounder via cable entry devices in the wall of the enclosure.

$U_i = 28V$ $I_i = 300mA$ $P_i = 1.2W$ $C_i = 0$ $L_i = 0$

CONDITIONS OF CERTIFICATION: YES as shown below:

1. The Sounder shall not be directly installed in an area where its enclosure may be electrostatically charged by rapid flow of dust-laden air or other non-conductive media and must be cleaned only with a damp cloth.