



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 10.0113 Issue No: 2 Certificate history:
Status: **Current** Page 1 of 4 [Issue No. 2 \(2013-10-30\)](#)
Date of Issue: **2013-10-30** [Issue No. 1 \(2013-03-04\)](#)
[Issue No. 0 \(2011-01-04\)](#)
Applicant: **Cooper MEDC Limited**
Unit B, Sutton Parkway
Oddicroft Lane
Sutton-in-Ashfield
NG17 5FB
United Kingdom
Electrical Apparatus: **A Type XB9 Beacon**
Optional accessory:
Type of Protection: **Flameproof**
Marking: **Ex d IIC T5 Ta -55°C to + 55°C Gb or**
Ex d IIC T6 Ta -55°C to + 40°C Gb

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

R S Sinclair

Position:

General 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](#).

Certificate issued by:

SGS Baseefa Limited
Rockhead Business Park
Staden Lane
Buxton
Derbyshire
SK17 9RZ
United Kingdom





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Manufacturer: **Cooper MEDC Limited**
Unit B, Sutton Parkway
Oddicroft Lane
Sutton-in-Ashfield
NG17 5FB
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 : 2007-10 Explosive atmospheres - Part 0: Equipment - General requirements
Edition:5

IEC 60079-1 : 2007-04 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:6

*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/ExTR10.0261/00](#) [GB/BAS/ExTR13.0222/00](#)

Quality Assessment Report:

[GB/BAS/QAR06.0023/05](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The Type XB9 Xenon Beacon comprises a cylindrical enclosure base and cover manufactured from glass reinforced polyester. The threaded cover is fitted with a wellglass which is provided with a wire guard.

The enclosure houses a printed circuit board to which is attached a xenon tube, various electronic circuits to suit the supply voltage and supply cable terminals.

The beacons are rated up to 48V d.c. or 254V a.c., 50/60Hz, 15W.

Cable entry holes are provided as specified on the certified drawings for the accommodation of flameproof cable entry devices, with or without the interposition of a flameproof thread adapter. Unused entries are to be fitted with suitable certified flameproof stopping plugs.

The cable entry devices, thread adapters and stopping plugs shall be suitable for the equipment, the cable and the conditions of use and shall be certified as Equipment (not a Component) under an EC Type Examination Certificate to Directive 94/9/EC.

CONDITIONS OF CERTIFICATION: NO



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

Variation 2.1

To permit an increase the maximum DC voltage from 48V to 60V.

ExTR: **GB/BAS/ ExTR13.0222 /00**

File Reference: **13/0734**