



# 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 BAS 17.0020X

Issue No: 0

Certificate history:

[Issue No. 0 \(2017-03-03\)](#)

Status: **Current**

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Date of Issue: **2017-03-03**

Applicant: **Dong A Bestech Company Limited**  
13-16, Samjeong-Dong  
Ojeong-Ku  
Bucheon-City  
Kyung Gi-Do  
**Korea, Republic of**

Equipment: **Type DNSS2K Cable Glands (Barrier Type)**

*Optional accessory:*

Type of Protection: **Flameproof, Increased Safety, Dust**

Marking:

**Ex db IIC Gb  
Ex eb IIC Gb  
Ex tb III C Db (-60°C +100°C) IP66/67**

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

R S Sinclair

*Position:*

Technical 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**





# IECEX Certificate of Conformity

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Date of Issue: **2017-03-03** Page 2 of 3

Manufacturer: **Dong A Bestech Company Limited**  
13-16, Samjeong-Dong  
Ojeong-Ku  
Bucheon-City  
Kyung Gi-Do  
**Korea, Republic of**

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 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:

<b>IEC 60079-0 : 2011</b> Edition:6.0	Explosive atmospheres - Part 0: General requirements
<b>IEC 60079-1 : 2014-06</b> Edition:7.0	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
<b>IEC 60079-31 : 2013</b> Edition:2	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
<b>IEC 60079-7 : 2015</b> Edition:5.0	Explosive atmospheres – Part 7: Equipment protection by increased safety "e"

*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/ExTR17.0037/00](#)

Quality Assessment Report:

[GB/BAS/QAR07.0030/06](#)



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## Schedule

### EQUIPMENT:

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

The DNS2K cable glands are intended for use with non-armoured cable and comprise the following components constructed from brass or stainless steel 316L:-

1. An Entry component in the size range (M20 to M90)
2. A ferrule for compound filling
3. A two part epoxy filling compound
4. An armour cone – retains the ferrule
5. A Middle nut
6. An outer displacement seal – made from EPDM
7. A back nut

The glands may be supplied with metric entry threads or alternative NPT entry thread to ANSI/ASME B1.20.1 of equivalent size.

### SPECIFIC CONDITIONS OF USE: YES as shown below:

1. The cables shall be clamped and/or cleated to prevent from pulling or twisting forces.
2. When used in dust environments the entry thread shall be sealed (in accordance with IEC60079-14) to maintain the ingress protection rating of the associated enclosure.