



# 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 SIR 11.0035X

Issue No: 1

Certificate history:

Issue No. 1 (2012-01-10)

Issue No. 0 (2011-04-21)

Status: **Current**

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Date of Issue: **2012-01-10**

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

Equipment: **A2F-S-XXX and SS2K-XXX Range of Cable Glands**

*Optional accessory:*

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

Marking:

Ex d IIC  
Ex e II  
Ex tD A21 IP66/IP67  
(Ta = -60°C to +100°C)

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

C Ellaby

*Position:*

Deputy Certification 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](http://www.iecex.com).

Certificate issued by:

**SIRA Certification Service**  
Rake Lane  
Eccleston  
Chester  
CH4 9JN  
United Kingdom

**sira**  
CERTIFICATION



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Manufacturer: **Dong-A Bestech**  
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 : 2004</b> Edition:4.0	Electrical apparatus for explosive gas atmospheres - Part 0: General requirements
<b>IEC 60079-1 : 2003</b> Edition:5	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
<b>IEC 60079-7 : 2006-07</b> Edition:4	Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
<b>IEC 61241-0 : 2004</b> Edition:1	Electrical apparatus for use in the presence of combustible dust - Part 0: General requirements
<b>IEC 61241-1 : 2004</b> Edition:1	Electrical apparatus for use in the presence of combustible dust - Part 1: Protection by enclosures "tD"

*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/ExTR11.0088/00](#)

[GB/SIR/ExTR11.0325/00](#)

Quality Assessment Report:

[GB/BAS/QAR07.0030/03](#)



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## Schedule

### EQUIPMENT:

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

<b>A2F-S-XXX Range of cable glands</b>
<b>SS2K-XXX Range of cable glands</b>
For the full description refer to EQUIPMENT (continued)

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

1	The glands are suitable for use within an operating temperature range of -60°C to +100°C.
2	When the gland is used for increased safety or dust protection, the entry thread shall be suitably sealed, in accordance with IEC 60079-14, to maintain the ingress protection rating of the associated enclosure.
3	The glands are only suitable for fixed installations, the cable for which must be effectively clamped to prevent pulling and twisting.



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**EQUIPMENT (continued):**

<b>A2F-S-XXX Range of cable glands</b>	
The A2F-S-XXX Range of cable glands are intended for use with an effectively filled and circular un-armoured cable and comprises the following components, the metal parts of which can be manufactured in brass and may be nickel plated to suit the application:-	
a	An entry component, in the size range M16 to M130 or ½" NPT to 4" NPT.
b	A displacement sealing ring.
c	A metal compression ring.
d	A liner bush.
e	A compression nipple.
The XXX is used to define the size of gland e.g. 20a or 25 etc	
<b>SS2K-XXX Range of cable glands</b>	
The SS2K-XXX Range of cable glands are intended for use with an effectively filled and circular un-armoured cable and comprises the following components, the metal parts of which can be manufactured in brass and may be nickel plated to suit the application:-	
a	An entry component, in the size range M16 to M130 or ½" NPT to 4" NPT.
b	A displacement sealing ring.
c	A compression nipple.
d	An middle-nut component.
e	A second displacement sealing ring.
f	A second compression nipple.
g	A liner bush.
h	A metal compression ring.
The XXX is used to define the size of gland e.g. 20a or 25 etc.	



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

Issue 1 – this Issue introduced the following change:

1	To come into line with that shown on the associated QAR, the address of the Applicant and the Manufacturer was changed from 271-15 Dodang-dong, Wonmi-ku, Bucheon-city, Kyunggi-do, Republic of Korea to 13-16, Samjeong-Dong, Ojeong-Ku, Bucheon-City, Kyung Gi-Do, Republic of Korea.
2	The introduction of the M115a, M130a and M130b size of cable glands to the existing range A2F-S-XXX and SS2K-XXX of cable glands, the product description was amended to recognise this change.