



# 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 KOS 09.0016X issue No.:0 Certificate history: .....

Status: Current

Date of Issue: 2009-06-23 Page 1 of 3

Applicant: **OSCG Co., Ltd.**  
416-2, Samrak-Dong, Sasang-Gu, Busan (617-827)  
**Korea, Republic of**

Electrical Apparatus: **Braided Cable Gland**  
Optional accessory: Lock nut, Sealing washer

Type of Protection: **Flameproof enclosures "d", Increased safety "e", Protection by enclosures "tD"**

Marking: **Ex d II C IP66/IP67**  
**Ex e II IP66/IP67**  
**Ex tD A21 IP66/IP67**

Approved for issue on behalf of the IECEx  
Certification Body: Noh, Min-Ki

Position: President

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:  
**Korea Occupational Safety and Health Agency (KOSHA)**  
34-4 Kusan-dong  
Pupyong-gu  
Inchon 403-711  
Korea, Republic of





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Page 2 of 3

Manufacturer: **OSCG Co., Ltd.**  
416-2, Samrak-Dong, Sasang-Gu, Busan (617-827)  
**Korea, Republic of**

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:

<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	Electrical apparatus for explosive gas atmospheres - Part 1: Flameproof enclosure 'd'
<b>IEC 60079-7 : 2001</b> Edition: 3	Electrical apparatus for explosive gas atmospheres - Part 7: 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:

[KR/KOS/ExTR09.0016/00](#)

Quality Assessment Report:

[KR/KOS/QAR09.0001/00](#)



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Page 3 of 3

## Schedule

### EQUIPMENT:

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

The complete model marking is as follows;

1)E1XF 2)\*\*\* 3)\*\*\* 4)\*\*\* (ex: E1XF 16a NPT 1/2" Φ8-13)

- 1) Basic series designation
- 2) Gland size (ex: 16a)
- 3) Entry thread type/size(ex: NPT 1/2")
- 4) Acceptable cable diameter(ex: 8-13)

The E1XF series type cable glands are intended to terminate circular braided cables into enclosures. These glands are manufactured in brass or stainless steel and may be supplied in metric or NPT threadforms.

### CONDITIONS OF CERTIFICATION: YES as shown below:

1. The seal material is suitable for use within a service temperature range of -20 °C to 120 °C
2. The entry thread (between the gland and the associated enclosure) shall be suitably sealed in order to maintain the IP rating.
3. The cable glands can accept only specified elastomeric sealing ring by manufacture