



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 PRE 15.0022U	Issue No: 1	Certificate history:
Status:	Current	Page 1 of 5	Issue No. 1 (2016-07-22) Issue No. 0 (2015-05-26)
Date of Issue:	2016-07-22		
Applicant:	OSCG Co. LTD. #1242, Nakdong-Daero, Sasang-Gu, Busan, Korea Korea, Republic of		
Equipment:	Conduit Fittings & Adaptors for Ex e or Ex tb enclosure		
Optional accessory:	OSAE		
Type of Protection:	Ex d / Ex e/ Ex t		
Marking:	Ex db IIC Gb/ Ex eb IIC Gb/ Ex tb IIIC Db		

Approved for issue on behalf of the IECEx
Certification Body:

Arne Hortman

Position:

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](#).

Certificate issued by:

DNV Nemko Presafe AS
Gaustadalleen 30
P.O.Box 73 Blindern
0314 Oslo
Norway





IECEx Certificate of Conformity

Certificate No: IECEx PRE 15.0022U

Issue No: 1

Date of Issue: 2016-07-22

Page 2 of 5

Manufacturer: **OSCG Co. LTD.**
#1242, Nakdong-Daero, Sasang-Gu, Busan, Korea
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 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 : 2011 Edition:6.0	Explosive atmospheres - Part 0: General requirements
IEC 60079-1 : 2007-04 Edition:6	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
IEC 60079-31 : 2013 Edition:2	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
IEC 60079-7 : 2015 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:

[NO/PRE/ExTR15.0023/00](#) [NO/PRE/ExTR15.0023/01](#)

Quality Assessment Report:

[NO/NEM/QAR15.0003/00](#)



IECEx Certificate of Conformity

Certificate No: IECEx PRE 15.0022U

Issue No: 1

Date of Issue: 2016-07-22

Page 3 of 5

Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

OSAE type (Elbows) are the Ex components intended to be used as fitting for conduit devices. They are not intended to be make direct connection to the Ex d enclosure.

They can be used as angular adaptor for Ex e certified enclosure & Ex tb.

Size: OSAE M20x1.5 (M)x M20x1.5(F)

Sizes:

Metric: Sizes M16, M20, M25, M32, M40, M50, M63, M75.

NPT; 1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3"

CONDITIONS OF CERTIFICATION: NO

Schedule of limitations for the components:

Not to be used as a thread adaptor for Ex d enclosure, as the threads are not co-axial and tested for 30 bar pressure. Appropriate conformity assessment shall be considered during the final installation or application.

The maximum service temperature shall be -55°C to 100°C.

The entry shall be suitably sealed in order to maintain the IP rating



IECEx Certificate of Conformity

Certificate No: IECEx PRE 15.0022U

Issue No: 1

Date of Issue: 2016-07-22

Page 4 of 5

EQUIPMENT (continued):

For Ex e protection type:

The threads other than NPT and Metric are manufactured to a nearest size for the Metric/NPT. The type of threads includes PF, PG, ISO, and BSPP and is described in the descriptive documents.

Service Temperature: -55 °C to +100 °C

Electrical Data

NA

Degrees of protection (IP Code): IP66 according to IEC 60079-0 & IEC 60529
IP67 according to IEC 60529

Service Temperature:

-55°C to +100°C



IECEx Certificate of Conformity

Certificate No: IECEx PRE 15.0022U

Issue No: 1

Date of Issue: **2016-07-22**

Page 5 of 5

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

00- Initial issue

01- to include range of components and assessment to new version of standard.