

[1] EC-TYPE EXAMINATION CERTIFICATE**[2] Equipment or Protected System Intended for use
in Potentially explosive atmospheres
Directive 94/9/EC**

- [3] **EC-Type Examination Certificate Number:** **Nemko 10ATEX1177U** **Issue 0**
- [4] **Equipment or Protective System:** **Adaptor (Elbow)**
[5] **Applicant/ Manufacturer:** **OSCG Co., Ltd.**
[6] **Address:** **#416-2, Samrak-Dong,
Sasang-Gu, Pusan
Korea**
- [7] **This equipment or protective system and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.**
- [8] **Nemko AS, notified body number 0470 in accordance with Article 9 of Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive.**
- The examination and test results are recorded in confidential report no. 152474**
- [9] **Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN 60079-0: 2006 / IEC 60079-0: 2004, EN 60079-1:2004 / IEC 60079-1: 2003,
EN 60079-7 :2007 / IEC 60079-7 :2006, EN 61241-0: 2006 / IEC61241-0: 2004,
EN 61241-1: 2004 / IEC61241-1: 2004**
- [10] **The sign “U” placed after the certificate number indicates that this certificate must not be mistaken for a certificate intended for an equipment or protective system. This partial certification may be used as a basis for certification of an equipment or protective system.**
- [11] **This EC-TYPE EXAMINATION CERTIFICATE relates only to the design, examination and tests of the specified equipment or protective system in accordance to the directive 94/9/EC.
Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.**
- [12] **The marking of the equipment or protective system shall include the following:**

**II 2G****Ex e II
Ex d IIC****II 2D****Ex tD A21****Oslo, 2010-10-29****p. p. Rolf Hoel
Certification Manager, Ex-products**

This certificate may only be reproduced in its entirety and without any change, schedule included.

[13] Schedule**[14] EC-TYPE EXAMINATION CERTIFICATE No Nemko 10ATEX1177U Issue 0****[15] Description of Equipment or Protective System**

This certificate covers a range of adaptors (elbows) made of brass or stainless steel that provide a means of connection between cable entry and equipment or pipe having similar threads.

Type Designation/Technical Data

OSAE - □ - □

┌───┐ Thread (M16-M90 or NPT ½"-3")
└───┘ Type (M, F or MF)

Ingress Protection Code

IP66/67 according to EN 60529

[16] Report No. 152474**Certificate History and Associated Nemko Reports**

Issue	Date	Report	Description
0	2010-10-29	152474	Prime Certificate released

Descriptive Documents

Name/Number	Rev.	Date	Title/Description	Sheets
OSAE-01	0	2008. JAN. 02	Ex OSAE TYPE	1
OSAE-02	0	2008. JAN. 02	Ex OSAE TYPE	1
OSAE-03	0	2008. JAN. 02	Ex OSAE TYPE	1
OSAE-M-01	0	2008. JAN. 02	Ex OSAE-M TYPE	1
OSAE-M-02	0	2008. JAN. 02	Ex OSAE-M TYPE	1
OSAE-M-03	0	2008. JAN. 02	Ex OSAE-M TYPE	1
OSAE-F-01	0	2008. JAN. 02	Ex OSAE-F TYPE	1
OSAE-F-02	0	2008. JAN. 02	Ex OSAE-F TYPE	1
OSAE-F-03	0	2008. JAN. 02	Ex OSAE-F TYPE	1
OSAE-MF-01	0	2008. JAN. 02	Ex OSAE-MF TYPE	1
OSAE-MF-02	0	2008. JAN. 02	Ex OSAE-MF TYPE	1
OSAE-MF-03	0	2008. JAN. 02	Ex OSAE-MF TYPE	1

[17] Schedule of Limitations

For the safe use of these adapter, the conditions of following should be observed.

1. The gasket is suitable for use within a service temperature range of -20°C to 110°C.
2. The entry thread should be suitably sealed in order to maintain the IP rating.

[18] Essential Health and Safety Requirements

See item 9

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