



# 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 CQM 13.0014U issue No.:0 Certificate history: .....

Status: **Current**

Date of Issue: 2013-06-17 Page 1 of 3

Applicant: **SHIMADA ELECTRIC CO., LTD.**  
2-29-6, Nakaikegami Ota-ku, Tokyo, Japan  
Japan

Electrical Apparatus: **Flameproof Type Union Coupling Model SU\*-\* series**  
Optional accessory:

Type of Protection: **Flameproof enclosure "d"**

Marking: Ex d IIB Gb IP54

Approved for issue on behalf of the IECEx Certification Body: Zhang Wei

Position: President

Signature:  
(for printed version)

Date:

2013-06-17

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:

China Quality Mark Certification Group Co., Ltd.  
No. 33 Zengguang Road, Haidian District,  
Beijing City, Postal code: 100037  
China





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Manufacturer: **SHIMADA ELECTRIC CO., LTD.**  
2-29-6, Nakaikegami Ota-ku, Tokyo, Japan  
Japan

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 : 2007-10** Explosive atmospheres - Part 0: Equipment - General requirements  
Edition: 5

**IEC 60079-1 : 2007-04** Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"  
Edition: 6

*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:  
[CN/CQM/ExTR13.0015/00](#)

Quality Assessment Report:  
[CN/CQM/QAR12.0002/00](#)



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## Schedule

### EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

#### Description of equipment

SU series Flameproof Type Union Coupling is a made of SUS304. It is used for cable layout. No internal terminal is used.

Thread model and size are as following:

Thread size	NPT	M
16	1/2 NPT	M20×1.5
22	3/4 NPT	M25×1.5
28	1 NPT	M32×1.5
36	1-1/4 NPT	M40×1.5
42	1-1/2 NPT	M50×1.5
54	2 NPT	M63×1.5
70	2-1/2 NPT	M75×1.5
82	3 NPT	M80×1.5
92	3- 1/2 NPT	M90×1.5
104	4 NPT	M100×1.5

**Schedule of Limitation:** This is an Ex component and requires additional consideration when incorporated into electrical equipment or systems for use in explosive atmosphere.

CONDITIONS OF CERTIFICATION: NO