



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.: issue No.: Certificate history:

Status:

Date of Issue: Page 1 of 3

Applicant: **SHIMADA ELECTRIC CO.,LTD**
2-29-6NAKAIKEGAMI,OTA-KU,TOKYO,JAPAN
Japan

Electrical Apparatus: **Explosion-proof adaptor Model SAX**
Optional accessory:

Type of Protection: **Ex 'd', Ex 'e', Ex 't'**

Marking: **Ex d IIC Gb; Ex e IIC Gb; Ex tb IIIC Db IP66**
Ta: -20°C~+80°C

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

Position: **President**

Signature:
(for printed version)

Date:

2013-05-07

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





IECEX Certificate of Conformity

Certificate No.: IECEX CQM 13.0008

Date of Issue: 2013-05-07

Issue No.: 0

Page 2 of 3

Manufacturer: **SHIMADA ELECTRIC CO.,LTD**
2-29-6NAKAIKEGAMI,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 Edition: 5	Explosive atmospheres - Part 0: Equipment - General requirements
IEC 60079-1 : 2007-04 Edition: 6	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
IEC 60079-31 : 2008 Edition: 1	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure 't'
IEC 60079-7 : 2006-07 Edition: 4	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:
[CN/CQM/ExTR13.0014/00](#)

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



IECEx Certificate of Conformity

Certificate No.: IECEx CQM 13.0008

Date of Issue: 2013-05-07

Issue No.: 0

Page 3 of 3

Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

Description of equipment

1. The SAX adaptors can be made by brass(C3604), carbon steel(SS), stainless steel (SUS304, SUS316, SUS316L).
2. Thread specifications are as follow, there are different combinations of inner and outer thread order by client.

NPT thread (NPT): $1/2$ NPT, $3/4$ NPT, 1NPT, $1 1/4$ NPT, $1 1/2$ NPT, 2NPT, $2 1/2$ NPT, 3NPT;

Metric thread (M): M20, M25, M32, M40, M50, M63, M75, M80;

Pipe thread (G) –only for Ex e IIC Gb; Ex tb IIIC Db IP66: $G 1 1/2$, $G 3/4$, G1, $G 1 1/4$, $G 1 1/2$, G2, $G 2 1/2$, G3.

CONDITIONS OF CERTIFICATION: NO