



# 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 KEM 06.0017** Issue No.: **0**

Status: **Current**

Date of Issue: **2006-12-12** Page **1** of **3**

Applicant: **Shimada Electric Co., Ltd**  
**2-29-6, Nakaikogami, Ohta-ku**  
**Tokyo 146-0081**  
**Japan**

Electrical Apparatus: **Stopping Plug**  
*Optional accessory:*

Type of Protection: **d, e or tD**

Marking: **Ex d IIC or Ex e II or tD A21**

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

T. Pijker

*Position:*

Certification Manager

*Signature:  
(for printed version)*

  
12.12.2006

*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:

**KEMA Quality B.V.**  
Utrechtseweg 310  
6812 AR Arnhem  
The Netherlands





# IECEX Certificate of Conformity

Certificate No.: **IECEX KEM 06.0017**  
Date of Issue: **2006-12-12** Issue No.: **0**  
Page 2 of 3

Manufacturer: **Shimada Electric Co., Ltd**  
946-1, Akasaka-cho, Sano-city  
Tochigi 327-0004  
Japan

Manufacturing location(s):  
**Shimada Electric Co., Ltd**  
946-1, Akasaka-cho, Sano-city  
Tochigi 327-0004  
Japan

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 manufacture'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:

**NL/KEM/ExTR06.0012/00**

Quality Assessment Report:

**NO/NEM/QAR06.0006/00**



# IECEx Certificate of Conformity

Certificate No.: IECEx KEM 06.0017

Date of Issue: 2006-12-12

Issue No.: 0

Page 3 of 3

## Schedule

### EQUIPMENT:

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

#### Description

The Stopping Plug, Type EXSP, made of aluminium, stainless steel or brass, serves as a means to close threaded holes in housings in type of protection "d" or "e" or "tD".

Ambient temperature range:

-40 °C ... +85 °C with NBR sealing ring

-50 °C ... +85 °C with Silicone sealing ring

The Stopping Plug provides a degree of protection of IP66 / IP67 in accordance with IEC 60529.

CONDITIONS OF CERTIFICATION: NO