



# 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 PTB 10.0029** issue No.:0

Certificate history:

Status: **Current**

Date of Issue: **2010-06-01** Page 1 of 3

Applicant: **Schischek GmbH**  
Mühlsteig 45  
90579 Langenzenn  
Germany

Electrical Apparatus: **Explosion protected electrical valve actuator, type RedRun**  
Optional accessory:

Type of Protection: **General requirements, Intrinsic safety "i" + "ID", Construction, test and marking of type of protection "n" electrical apparatus, Compostible dust , Protection by enclosures "tD"**

Marking: **Ex nC [ia] IIC T6 or  
Ex nC II T6 or  
Ex tD A22 IP66 T80 °C or  
Ex tD [iaD] A22 IP66 T80 °C**

Approved for issue on behalf of the IECEx  
Certification Body:

Dr.-Ing. U. Johannsmeyer

Position:

Department Head "Intrinsic Safety" and "Safety of Systems"

Signature:  
(for printed version)

Date:

2010-06-14

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:

**Physikalisch-Technische Bundesanstalt (PTB)**  
Bundesallee 100  
38116 Braunschweig  
Germany





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Manufacturer: **Schischek GmbH**  
Mühlsteig 45  
90579 Langenzenn  
Germany

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:

<b>IEC 60079-0 : 2004</b> Edition: 4.0	Electrical apparatus for explosive gas atmospheres - Part 0: General requirements
<b>IEC 60079-11 : 2006</b> Edition: 5	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
<b>IEC 60079-15 : 2001</b> Edition: 2	Electrical apparatus for explosive gas atmospheres - Part 15: Type of protection 'n'
<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"
<b>IEC 61241-11 : 2005</b> Edition: 1	Electrical apparatus for use in the presence of combustible dusts - Part 11: Protection by intrinsic safety 'iD'

*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:

DE/PTB/ExTR10.0027/00

Quality Assessment Report:  
DE/BVS/QAR07.0009/03



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## Schedule

### EQUIPMENT:

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

The explosion protected electrical valve actuator, type RedRun is used for the actuation of positioning and control valves or other lifting processes. The equipment is installed inside hazardous areas of zones 2 and 22.

### CONDITIONS OF CERTIFICATION: NO