



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.: **IECEx PTB 08.0059** issue No.: **0** Certificate history: _____

Status: **Current**

Date of Issue: **2008-11-25** Page 1 of 4

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

Electrical Apparatus: **Explosion protected electric actuator, type RedMax-..**
Optional accessory:

Type of Protection: **Intrinsic Safety "i", Construction, test and marking of type of protection "n", Protection by enclosures "tD"**

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

Approved for issue on behalf of the IECEx
Certification Body:

Dr.-Ing. Ulrich Johannsmeyer

Position:

Department Head "Intrinsic Safety and Safety of Systems"

Signature:
(for printed version)

Date:

2008-12-01

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:

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





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Manufacturer: **Schischek GmbH**
Muehlsteig 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:

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

DE/PTB/ExTR08.0071/00

Quality Assessment Report:

DE/BVS/QAR07.0009/00



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The explosion protected electric actuator, type RedMax-.. is used for the control of valves, flaps or other lifting and rotary processes. The equipment will be installed in hazardous areas of zone 2 and zone 22.
For further information see annex.

CONDITIONS OF CERTIFICATION: NO



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Additional information:

see annex

Annexe: RedMax.. Schedule.pdf