



(1) **EC-Type Examination Certificate**

(2) **Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres – Directive 94/9/EC**

(3) **EC Type Examination Certificate Number**

EPS 13 ATEX 1 560 X

Rev.1

(4) **Equipment:** ExPolar

(5) **Manufacturer:** Schischek GmbH

(6) **Address:** Mühlsteig 45 - Gewerbegebiet Süd 5, 90579 Langenzenn, Germany

(7) This equipment and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

(8) Bureau Veritas Consumer Products Services Germany GmbH, Notified Body No. 2004 in accordance with Article 9 of the Council Directive 94/9/EC of March 23rd 1994, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres, given in Annex II of the Directive. The examination and test results are recorded in the confidential report 13TH0095.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0:2009

EN 60079-7:2007

EN 60079-18:2009

EN 60079-31:2009

(10) If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.

(11) This EC-Type Examination Certificate relates only to the design and the construction of the specified equipment in accordance with Directive 94/9/EC. Further requirements of this Directive apply to the manufacture and supply of this equipment.

(12) The marking of the equipment shall include the following:



II 2G Ex eb mb IIC T6

II 2D Ex tb mb IIIC T80°C

Certification department of explosion protection

Türkheim, February 13, 2015

D. Zitzmann





- (13) **Annexe**
- (14) **EC-Type Examination Certificate EPS 13 ATEX 1 560 X Rev.1**

(15) Description of equipment:

The heating device ExPolar is used in hazardous locations of zone 1/21 in an ambient temperature range of $-50^{\circ}\text{C} < T_{\text{amb}} < +60^{\circ}\text{C}$.

The system consists of heating pad, different encapsulated thermostats and an already certified connection box. The entire device is protected by an enclosure to achieve IP66.

Electrical data:

max. 240 V

(16) Test report: 13TH0095

(17) Special conditions for safe use:

Ambient temperature range: $-50^{\circ}\text{C} < T_{\text{amb}} < +60^{\circ}\text{C}$

The status of the safety devices (thermostats) has to be checked regularly. For details see safety instructions in the user manual.

(18) Essential health and safety requirements:

Met by standards.



Türkheim, February 13, 2015