



Physical Technical Testing Institute  
Ostrava-Radvanice



## Supplement No. 2 to EC-Type Examination Certificate

(2) **Equipment or Protective Systems Intended for use  
in Potentially Explosive Atmospheres  
Directive 94/9/EC**

(3) EC-Type Examination Certificate Number:

**FTZÚ 03 ATEX 0258X**

(4) Equipment or protective system: **Electric heating unit type SH-40, SH-60, SH-90**

(5) Manufacturer: **HACO Mess- und Regeltechnik GmbH**

(6) Address: **Am Heerbach 10, D-638 57 Waldaschaff, Germany**

(7) This supplement of certificate is valid for: - verification according to new standards  
and prolongation of certificate validity

(8) Modification of certified apparatus (protective system) and any of its approved variants are specified in documentation, list of which is mentioned in schedule of this certificate.

(9) This supplement to type examination certificate is valid only for type examination of design and construction of product sample in accordance with Annex 3 (Paragraph 6) of Directive No. 94/9/EC. The Directive contains another requirements, which manufacturer shall fulfil before products are place on market or introduce in service.

(10) Safety requirements of modified parts were fulfil by satisfying of following standards:


**EN 60079-0 : 2006; EN 60079-1 : 2004**

(11) Marking of equipment designed according to this supplement shall contain symbols:

 **II 2G Ex d IIC T3**

(12) This type examination certificate is valid till: **07.01. 2014**

Responsible person:

  
Dipl. Ing. Sindler Jaroslav  
Head of certification body



Date of issue: 07 of January 2009

Number of pages: 2  
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(13)

**Schedule**

(14)

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EC-Type Examination Certificate N° FTZÚ 03 ATEX 0258X**

(15) Description of Equipment or Protective System:

The requirements for equipment was verified according to new standard series. The construction of equipment wasn't modified. The only change is modification of data on manufacturer's label.

(16) Report No. : 03/0258 – d2

(17) Special conditions for safe use: **X**

- 17.1 The output cable of electric heating element can be connected in terminal compartment certified for appropriate zone.
- 17.2 The output cable is intended for fixed installation according to EN 60079-14:2004.
- 17.3 The mechanical endurance of electric heating unit, including the connection cable comply for low hazard of mechanical damage.

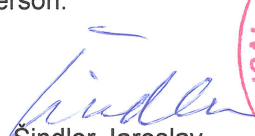
(18) Essential Health and Safety Requirements:

- 18.1 Essential health and safety requirements are covered in standard mentioned in (10) of this certificate and instruction for installation and use of heating unit SH No. ATEX/SH/instruction-2005.

(19) List of documentation

- Drawing No.: SH-90/1.3/A3 ... 10.12.2008

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