



## EC-Type Examination Certificate

- (1)  
(2) **Equipment or Protective Systems Intended for use  
in Potentially Explosive Atmospheres  
Directive 94/9/EC**

(3) EC-Type Examination Certificate Number:


**FTZÚ 06 ATEX 0186**

- (4) Equipment or protective system: **Analyzer Type X-STREAM FD**
- (5) Manufacturer: **Emerson Process Management GmbH & Co. OHG**
- (6) Address: **Industriestrasse 1, D-63594 Hasselroth, Germany**
- (7) This equipment or protective system and any of acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- (8) The Physical Technical Testing Institute, notified body number 1026 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system 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 to the Directive.

The examination and test results are recorded in confidential Report N°

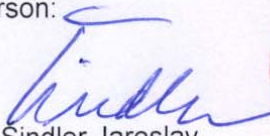
**06/0186 dated September 2006**

- (9) Compliance with Essential Health and Safety Requirements has been assured by compliance with:  
**EN 60079-0:2004                      EN 60079-1:2004**
- (10) If the sign „X“ is placed after the certificate number, it indicates that the equipment or protective system 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, examination and testing of the specified equipment or protective system in accordance to the directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.
- (12) The marking of the equipment or protective system shall include the following:

 **II 2G Ex d IIB+H<sub>2</sub> T4**

This EC-Type Examination Certificate is valid till: **30.09.2011**

Responsible person:

  
Dipl. Ing. Sindler Jaroslav  
Head of certification body



Date of issue: 29.9.2006

Number of pages: 1/3

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Physical Technical Testing Institute  
Ostrava-Radvanice

(13)

Schedule

(14) **EC-Type Examination Certificate N° FTZÚ 06 ATEX 0186**

(15) Description of Equipment or Protective System:

Analyzer type X-STREAM FD is designed with flameproof enclosure and consists of enclosure body and cover with sight glass. The body and cover are made of Al alloy and fastened by bolts. The enclosure has four threaded holes for cable glands or plugs and eight threaded holes for flame arresters or their closing devices.

Technical parameters:

Ambient temperature:  $-30\text{ °C} \leq T_{\text{amb}} \leq +50\text{ °C}$

Power supply: 100 – 240 VAC; 50/60 Hz; 2 – 1 A

(16) Report No. : FTZÚ 06/0186

28+20 pages

(17) Special conditions for safe use: --

(18) Essential Health and Safety Requirements:

Covered by standards mentioned in (9) of this certificate.

Responsible person:

Dipl. Ing. Šindler Jaroslav  
Head of certification body



Date of issue: 29.9.2006

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Ostrava-Radvanice

(13) **Schedule**

(14) **EC-Type Examination Certificate N° FTZÚ 06 ATEX 0186**

(19) **LIST OF DOCUMENTATION**

- |                       |              |               |
|-----------------------|--------------|---------------|
| ➤ Drawing No          | 4.271-6615/4 | on 09.08.06   |
|                       | 4.271-6725/1 | on 29.06.06   |
|                       | 4.271-6726/1 | on 29.06.06   |
|                       | 4.271-6636/2 | on 03.06.05   |
|                       | 4.271-6695/1 | on 16.05.06   |
|                       | 4.271-6749/4 | on 25.09.06   |
|                       | E15_001.06   | on 19.12.05   |
|                       | 4.271-6647/3 | on 12.07.06   |
| ➤ Description         |              | on 19.09.2006 |
| ➤ Instruction for use |              | on 07/2006    |

