



**BUREAU
VERITAS**

(1) **EC Certificate of Conformity**



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

(3) EC Certificate of Conformity Number:

EPS 08 ATEX 1 108

(4) Equipment: X-STREAM Field Housing Gas Analyzer (X2FN)

(5) Manufacturer: Emerson Process Management GmbH & Co. OHG

(6) Address: Industriestraße 1, 63594 Hasselroth, 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 E & E Product Services GmbH notified body No. 2004 in accordance with Article 9 of the Council Directive 94/9/EC of March 23rd 1994, certifies, based on a voluntary testing, 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 05KFS106.

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


EN 60079-0 : 2006

EN 60079-15 : 2005

(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 Certificate of Conformity 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.

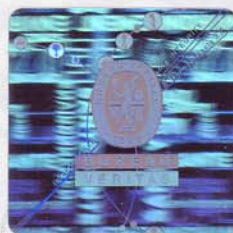
(12) The marking of the equipment shall include the following:

 II 3G Ex nAC IIC T4

Certification department of explosion protection

Türkheim, 2008-06-09

A. Hänchen





**BUREAU
VERITAS**

Schedule

(13)

(14) **EC-Certificate of Conformity EPS 08 ATEX 1 108**

(15) Description of equipment:

The X-Stream Field Housing Gas Analyzer (X2FN) offers multi-component, multi- method analysis. Different measurement methods can be combined in the analyzer. The analyzer is designed to measure one up to four gas components. The following methods of the individual measuring channels are possible:

IR = non-dispersive infrared measurement.
PO2 = paramagnetic oxygen measurement
EO2 = electrochemical oxygen measurement
TO2 = electrochemical oxygen measurement
TC = Thermal conductivity
UV = Ultra violet light

Electric data:

100 – 240Vac; 50/60Hz; 3 – 1,5A

(16) Test report: 05KFS106

(17) Special conditions for safe use: none

(18) Essential health and safety requirements:

Met by standards.

Certification department of explosion protection

Türkheim, 2008-06-09

A. Hänchen





**BUREAU
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1. Extension for Certificate of Conformity

- (1) EC Certificate of Conformity Number

EPS 08 ATEX 1 108

- (2) Equipment: X-STREAM Enhanced Field Housing Gas Analyzer (XEFN)
X-STREAM Dual Field Housing Gas Analyzer (XDFN)
X-STREAM Field Housing Gas Analyzer (XLFN)
X-STREAM Dual Field Housing Gas Analyzer (XXFN)
- (3) Manufacturer: Emerson Process Management GmbH & Co. OHG
- (4) Address: Industriestraße 1, 63594 Hasselroth, Germany
- (5) Description:

The analyzer offers multi-component, multi-method analysis. Different measurement methods can be combined in the analyzer. The analyzer is designed to measure one up to four gas components. The following methods of the individual measuring channels are possible:

IR = non-dispersive infrared measurement.
pO₂ = paramagnetic oxygen measurement
eO₂ = electrochemical oxygen measurement
tO₂ = electrochemical oxygen measurement
TC = Thermal conductivity
UV = Ultra violet light
eNO = electrochemical NO measurement
eH₂S = electrochemical H₂S measurement

The test results of the extension are recorded in the confidential report 05KFS106.

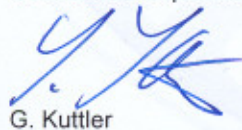
- (6) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0:2006

EN 60079-15:2005

Certification department of explosion protection

Türkheim, October 19, 2009


G. Kuttler

