



Translation

EC-Type Examination Certificate

- (1)
- (2) **- Directive 94/9/EC -**
Equipment and protective systems intended for use
in potentially explosive atmospheres
- (3) **BVS 04 ATEX E 101 X**
- (4) **Equipment:** Gas monitoring instrument Sat-Ex type 20202-*
- (5) **Manufacturer:** MST Technology GmbH
- (6) **Address:** D 82069 Hohenschäftlarn
- (7) The design and construction of this equipment and any acceptable variation thereto are specified in the schedule to this type examination certificate.
- (8) The certification body of EXAM BBG Prüf- und Zertifizier GmbH, notified body no. 0158 in accordance with Article 9 of the Directive 94/9/EC of the European Parliament and the Council of 23 March 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 to the Directive.
The examination and test results are recorded in the test and assessment report BVS PP 04.2078 EG.
- (9) The Essential Health and Safety Requirements are assured by compliance with:
EN 50014:1997+A1-A2 General requirements
EN 50018:2000 +A1 Flameproof enclosure 'd'
EN 50020:2002 Intrinsic Safety 'i'
- (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, examination and tests of the specified equipment in accordance to Directive 94/9/EC.
Further requirements of the Directive apply to the manufacturing process and supply of this equipment. These are not covered by this certificate
- (12) The marking of the equipment shall include the following:

 **II 2G EEx d [ib] IIC T4**

EXAM BBG Prüf- und Zertifizier GmbH

Bochum, dated 10. May 2004

Signed: Dr. Jockers

Signed: Dr. Eickhoff

Certification body

Special services unit



Translation

1st Supplement

(Supplement in accordance with Directive 94/9/EC Annex III number 6)

**to the EC-Type Examination Certificate
BVS 04 ATEX E 101 X**

Equipment: Gas monitoring instrument Sat-Ex type 20202-
Manufacturer: MST Technology GmbH
Address: 82069 Hohenschäftlarn, Germany

Description

The instrument can also be manufactured with additional sensor cells.

The Essential Health and Safety Requirements of the modified equipment are assured by compliance with:

| | |
|---------------------|--------------------------|
| EN 50014:1997+A1-A2 | General requirements |
| EN 50018:2000 +A1 | Flameproof enclosure 'd' |
| EN 50020:2002 | Intrinsic Safety 'i' |

The marking of the equipment shall include the following:

 II 2G EEx d [ib] IIC T4

Special conditions for safe use

The measurement function for explosion protection is not the subject of this EC-Type Examination Certificate.

Test and assessment report

BVS PP 04.2078 EG, as of 24.05.2006

EXAM BBG Prüf- und Zertifizier GmbH
Bochum, dated 24. May 2006

Signed: Dr. Jockers

Certification body

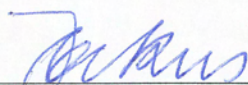
Signed: Dr. Eickhoff

Special services unit

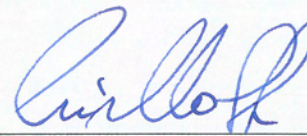
We confirm the correctness of the translation from the German original.
In the case of arbitration only the German wording shall be valid and binding.

44809 Bochum, 24. May 2006
BVS-Ad/Kw A 20060080

EXAM BBG Prüf- und Zertifizier GmbH



Certification body



Special services unit



Translation

2nd Supplement

(Supplement in accordance with Directive 94/9/EC Annex III number 6)

to the EC-Type Examination Certificate BVS 04 ATEX E 101 X

Equipment: Gas monitoring instrument Sat-Ex type 20202-*

Manufacturer: MST Technology GmbH

Address: 82069 Hohenschäftlarn


Description

The unchanged apparatus was assessed and tested against the current standards.

The Essential Health and Safety Requirements of the modified equipment are assured by compliance with:

EN 60079-0:2006 General requirements
EN 60079-1:2007 Flameproof enclosure 'd'
EN 60079-11:2007 Intrinsic safety 'i'

The marking of the equipment shall include the following:

 II 2G Ex d [ib] IIC T4

Special conditions for safe use

The measurement function for explosion protection is not subject of this test report.

Test and assessment report

BVS PP 04.2078 EG as of 29.04.2009

DEKRA EXAM GmbH

Bochum, dated 29. April 2009

Signed: Simanski

Signed: Dr. Eickhoff

Certification body

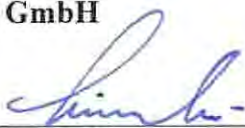
Special services unit

We confirm the correctness of the translation from the German original.
In the case of arbitration only the German wording shall be valid and binding.

44809 Bochum, 29. April 2009

BVS-Ad/Sz A 20090126

DEKRA EXAM GmbH



Certification body



Special services unit



Translation

3. Supplement

(Supplement in accordance with Directive 94/9/EC Annex III number 6)

to the EC-Type Examination Certificate BVS 04 ATEX E 101 X

Equipment: Gaswarngerät Sat-Ex type 20202-
Manufacturer: MST Technology GmbH
Address: 82069 Hohenschäftlarn, Germany

Description

The list of approved sensor cells was extended. Otherwise the apparatus stays unchanged.

The Essential Health and Safety Requirements of the modified equipment are assured by compliance with:

| | |
|------------------|--------------------------|
| EN 60079-0:2006 | General requirements |
| EN 60079-1:2004 | Flameproof enclosure 'd' |
| EN 60079-11:2007 | Intrinsic safety 'i' |

The marking of the equipment shall include the following:

 **II 2G Ex d [ib] IIC T4**

Special conditions for safe use

The measurement function for explosion protection is not subject of this test report.

Test and assessment report

BVS PP 04.2078 EG as of 18.12.2009

DEKRA EXAM GmbH
Bochum, dated 18. December 2009

Signed: Hans Christian Simanski

Certification body

Signed: Dr. Franz Eickhoff

Special services unit

We confirm the correctness of the translation from the German original.
In the case of arbitration only the German wording shall be valid and binding.

44809 Bochum, 18. December 2009
BVS-Ad/Her A 20090945

DEKRA EXAM GmbH

A handwritten signature in blue ink, appearing to read 'Lindner', written over a horizontal line.

Certification body

A handwritten signature in blue ink, appearing to read 'Cunilloff', written over a horizontal line.

Special services unit

(1) 4. Supplement to the EC-Type Examination Certificate

- (2) Equipment and protective systems intended for use in potentially explosive atmospheres - Directive 94/9/EC Supplement accordant with Annex III number 6
- (3) No. of EC-Type Examination Certificate: **BVS 04 ATEX E 101 X**
- (4) Equipment: **Gas monitoring instrument Sat-Ex type 20202-***
- (5) Manufacturer: **Honeywell Analytics Ltd.**
- (6) Address: **Hatch Pond House, 4 Stinsford Road, Nuffield Estate, POOLE, Pool BH17 ORZ, United Kingdom**
- (7) The design and construction of this equipment and any acceptable variation thereto are specified in the appendix to this supplement.
- (8) The certification body of DEKRA EXAM GmbH, notified body no. 0158 in accordance with Article 9 of the Directive 94/9/EC of the European Parliament and the Council of 23 March 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 to the Directive. The examination and test results are recorded in the test and assessment report BVS PP 04.2078 EG.
- (9) The Essential Health and Safety Requirements are assured by compliance with:
- EN 60079-0:2012 General requirements**
EN 60079-1:2007 Flameproof enclosure "d"
EN 60079-11:2012 Intrinsic safety "i"
- (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 appendix to this certificate.
- (11) This supplement to the EC-Type Examination Certificate relates only to the design, examination and tests of the specified equipment in accordance to Directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment. These are not covered by this certificate.
- (12) The marking of the equipment shall include the following:

 **II 2G Ex d [ib] IIC T4 Gb**

DEKRA EXAM GmbH
 Bochum, dated 04.03.2013



 Certification body



 Special services unit

(13) Appendix to

(14) **4. Supplement to the EC-Type Examination Certificate
BVS 04 ATEX E 101 X**

(15) 15.1 Subject and type

Gas monitoring instrument Sat-Ex type 20202-*

15.2 Description

The unchanged apparatus was assessed and tested against the current standards.
The manufacturer and the production site changed.

15.3 Parameters

Unchanged

(16) Test and Assessment Report

BVS PP 04.2078 EG as of 04.03.2013

(17) Special conditions for safe use

The measurement function for explosion protection is not subject of this certificate.