



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: IECEx DEK 14.0085

Issue No: 0

Certificate history:

[Issue No. 0 \(2016-07-25\)](#)

Status: **Current**

Page 1 of 3

Date of Issue: **2016-07-25**

Applicant: **GASTEC CORPORATION**
8-8-6 Fukayanaka, Ayase-City, Kanagawa 252-1195
Japan

Equipment: **Hydrogen Sulphide Data Logger Model GHS-8AT-EX**
Optional accessory:

Type of Protection: **Ex ia**

Marking:
Ex ia IIB T3 Gb

*Approved for issue on behalf of the IECEx
Certification Body:*

R. Schuller

Position:

Certification Manager

*Signature:
(for printed version)*

Date:

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the [Official IECEx Website](#).

Certificate issued by:

DEKRA Certification B.V.
Meander 1051,
6825 MJ Arnhem
The Netherlands





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Manufacturer: **GASTEC CORPORATION**
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Japan

Additional Manufacturing location(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

STANDARDS:

The apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

IEC 60079-0 : 2011 Explosive atmospheres - Part 0: General requirements
Edition:6.0
IEC 60079-11 : 2011 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:6.0

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in

Test Report:

[NL/DEK/ExTR14.0092/00](#)

Quality Assessment Report:

[NL/DEK/QAR13.0053/01](#)



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Page 3 of 3

Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The Hydrogen Sulphide Data Logger Model GHS-8AT-EX is a portable gas monitor designed to provide continuous monitoring of hydrogen sulphide level and temperature in the hazardous areas. The equipment is composed of an outer case, an inner case and a front cap. A USB port on the inner case is available for communication with a computer only in the non-hazardous areas.

Ambient temperature: 0 °C to +40 °C

Additional information

The performance of the Hydrogen Sulphide Data Logger Model GHS-8AT-EX, as a safety device, is not covered by this certificate.

Electrical data

Supply: Two series-connected alkaline manganese dioxide batteries, model LR6 manufactured by Panasonic or model MN1500 manufactured by DURACELL.

Installation instructions

The instructions provided with the equipment shall be followed in detail to assure safe operation.

SPECIFIC CONDITIONS OF USE: NO