



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 KTL 14.0014 Issue No: 0 Certificate history:
Issue No. 0 (2014-09-05)

Status: **Current** Page 1 of 3

Date of Issue: **2014-09-05**

Applicant: **SENKO Co., Ltd**
73, Oesammi-ro, 15 Beon-gil, Osan-si, Gyonggi-do
447-230
Korea, Republic of

Electrical Apparatus: **SI series Fixed Gas Detector**
Optional accessory:

Type of Protection: **Flameproof enclosure "d"**

Marking:
Ex d IIC T5 Gb IP65
Tamb : -20°C ~ +55°C

Approved for issue on behalf of the IECEx
Certification Body:

Kang Ho-woo

Position:

Certification Manager

Signature:
(for printed version)

Date:

2014. 09. 05

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](http://www.iecex.com).

Certificate issued by:

Korea Testing Laboratory
87, Digital-ro, 26-gil, Guro-gu
Seoul
Korea, Republic of





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Manufacturer: **SENKO Co., Ltd**
73, Oesammi-ro, 15 Beon-gil, Osan-si, Gyeonggi-do
447-230
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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 electrical 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 : 2007-10 Explosive atmospheres - Part 0: Equipment - General requirements
Edition:5
IEC 60079-1 : 2007-04 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"
Edition:6

*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:

[KR/KTL/ExTR14.0013/00](#)

Quality Assessment Report:

[KR/KTL/QAR14.0003/00](#)



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Page 3 of 3

Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

SI series is a fixed gas detector installed in a place where potential gas hazard exists to measure oxygen, toxic gas and combustible gas.

It shows not only the concentration of gas but also diagnostic result of the unit itself through the LCD

display and can be connected to the controller with a standard 4-20mA analog output communication or RS-485 digital communication

<General specification>

Electrical data : 9V ~ 34VDC

CONDITIONS OF CERTIFICATION: NO