

# DECLARATION OF CONFORMITY

Document No.:	DOC-20240107-01
Issued Date:	January 7, 2025
Manufacturer:	SENKO
Address:	445, Doksanseong-ro, Osan-si, Gyeonggi-do, 18111, Republic of Korea
Equipment:	Portable Single Gas Detector: SP-SGT Series

SENKO confirms that the certifications listed below are valid for its products and processes. Each product is rigorously designed, manufactured, and tested to comply with these standards. This declaration of conformity is issued under the sole responsibility of the manufacturer, SENKO Co., Ltd.

## 1) IECEx – Explosive Atmospheres

Conformity Standards: IEC 60079-0:2017  
IEC 60079-11:2011  
Marking: Intrinsic Safety "i"  
Ex ia IIC T4 Ga

## 2) ATEX Directive 2014/34/EU – Explosive Atmospheres

Conformity Standards: EN IEC 60079-0:2018  
EN 60079-11: 2012

Marking:



II 1 G Ex ia IIC T4 Ga

## 3) INMETRO

Conformity Standards: ABNT NBR IEC 60079-0:2020: Explosive Atmospheres – Part 0: General Requirements  
ABNT NBR IEC 60079-11:2013: Explosive Atmospheres – Equipment Protection by Intrinsic Safety "i"

Marking:



Ex ia IIC T4 Ga  
-40°C ≤ Ta ≤ +50°C (for all gas types except O2)  
-35°C ≤ Ta ≤ +50°C (for O2 type)

## 4) CSA/UL

Conformity Standards: C22.2 No. 60079-0:2019  
C22.2 No. 60079-11:2014  
UL 60079-0, Ed. 7  
UL 60079-11, Ed. 6  
UL 61010-1, Ed. 3

Marking:



Ex ia IIC T4 Ga (IECEx)  
Class I, Division 1, Groups A, B, C, D, T4  
Class I, Zone 0, AEx ia IIC T4 Ga

## 5) Electromagnetic Compatibility Directive EMC 2014/30/EU

Conformity Standards: EN 61000-6-4 : 2007 / A1 : 2011  
EN 61000-6-2 : 2005 / AC : 2005

Marking:



Tested by: DT&C CO., Ltd.

**6) RoHS Compliance: Directive 2011/65/EU and Directive(EU) 2015/863**

Test Report No.: CTK0131-RS-000201

Conformity Standards: IEC62321-1, IEC62321-2, IEC62321-3-1, IEC62321-4, IEC62321-5, IEC62321-6, IEC62321-7-1, IEC62321-7-2, IEC62321-8

Marking: 

**7) REACH**

Conformity Standards: European Chemicals Agency (ECHA) Regarding Regulation (EC) No. 1907/2006 Concerning REACH

Marking:

**8) WEEE: Directive 2012/19/EU on waste electrical and electronic equipment**

Conformity Standards: IEC TR 62635: 2012

Marking: 

**9) FCC: According to FCC Part 15**

Conformity Standards: CAN/CSA CISPR 22-10 ANSI C63.4: 2014

(Class A digital devices) ICES-003: 2012

FCC Part 15 Subpart B

Marking: 

**10) RCM: Radiocommunications (Electromagnetic Compatibility) Standard 2017**

Conformity Standards: EN 61000-6-4:2007 + A1

Marking: 

"This declaration is valid for all listed products and their respective certifications as of the issue date and is subject to ongoing compliance with applicable standards."

**Authorized Representative:**



**Rin Choi**

Director of Sales Dept / Vice President  
SENKO Co., Ltd.