1 # EU - TYPE EXAMINATION CERTIFICATE

2 **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU**

3	EU - Type Examination Certificate Number:	**SGS25ATEX0098X**
4	Product:	**B-GUARD^2 / S-GUARD^2 Gas Detectors Types 65-2100-EXS / 65-2200-EXS**
5	Manufacturer:	**GasTech Australia Pty Ltd**
6	Address:	**24 Baretta Road, Wangara WA 6065 Australia**

7 This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

8 SGS Fimko Oy, Notified Body number 0598, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential Report No. **GB/SGS/ExTR25.0181/00**

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

EN IEC 60079-0:2018 **EN 60079-1:2014**

except in respect of those requirements listed at item 18 of the Schedule.

10 If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the schedule to this certificate.

11 This EU - TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

12 The marking of the product shall include the following:

Ⓔx II 2 G Ex db IIC T4 Gb -40°C ≤ Ta ≤ +70°C (EC & MPS version)
Ⓔx II 2 G Ex db IIC T4 Gb -40°C ≤ Ta ≤ +55°C (CAT version)
Ⓔx II 2 G Ex db IIC T4 Gb -40°C ≤ Ta ≤ +60°C (NDIR version)

SGS Fimko Oy Customer Reference No. **7355** Project File No. **23/0388**

This document is issued by the Company subject to their General Conditions for Certification Services accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx . Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of their intervention only and within the limits of Client's instructions, if any. It does not necessarily indicate that the equipment may be used in particular industries or circumstances. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, schedule included, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Fimko Oy
Takomotie 8
FI-00380 Helsinki, Finland
Telephone +358 9 696 361
www.sgs.com
Business ID 0634247-4 Member of the SGS Group (SGS SA)

FINAS
Finnish Accreditation Service
S003 (EN ISO/IEC 17065)

Mikko Välimäki
SGS Fimko Oy

13 # Schedule

14 ## Certificate Number SGS25ATEX0098X

15 Description of Product

The type B-Guard2 (Blind) and S-Guard2 (with integrated display) G-Pod Flameproof Gas Detector is rated at 9Vdc to 32Vdc, 24Vdc nominal and comprises a stainless steel cylindrical enclosure with a sintered disc at one end and a potted cable connector at the opposite end for connection to Instrument Enclosures certified Sira 08ATEX1325U. An optional Splash Guard Assembly can be fitted to suit the application.

The Flameproof Gas Detector can be fitted with either a Catalytic Sensor certified to EPS 17ATEX1107U, a NDIR Sensor certified to CESI 11ATEX039U or non-certified EC or MPS sensors.

16 Report Number

GB/SGS/ExTR25.0181/00

17 Specific Conditions of Use

1. The flamepaths are not to be repaired.
2. Potential electrostatic charging hazard may be present – Clean with a damp cloth - See Installation and Maintenance instructions.
3. Cable glands enabling cables to enter the Instrument Enclosure Housing shall be ATEX certified as equipment. Any unused cable entries must be fitted with ATEX certified stopping plugs. When installed the cable gland or stopping plug must maintain the marked IP rating of the enclosure.

18 Essential Health and Safety Requirements

In addition to the Essential Health and Safety Requirements (EHSRs) covered by the standards listed at item 9, the following are considered relevant to this product, and conformity is demonstrated in the report:

Clause	Subject
1.2.7	Protection against other hazards e.g. LVD type requirements
1.2.8	Overloading of equipment (protection relays, etc.)
1.4.1	External effects
1.4.2	Aggressive substances, etc.

19 Drawings and Documents

Number	Sheet	Issue	Date	Description
CDA10202	1 of 1	1	11/03/2026	S & B Guard2 Housing Unit Electrochemical Sensor Assembly Drawing
CDA10202-1	1 of 1	1	11/03/2026	B & S Guard Housing Units CIMP Sensor Assembly Drawing
CDA10217	1 of 1	2	23/06/2026	B & S Guard Housing Unit Stainless Steel S & B -Guard2 Housing Assembly Drawing
CDA10219-0	1 of 1	0	23/1/26	Full Sensor & Bushing Assembly Sensor Housing Assembly Drawing
CDA10610	1 of 1	1	10/03/2026	Morepork Housing Unit Rear Sensor Bushing Type X & Y Certified Assembly Drawing
CDP10056	1 of 1	2	07/04/2026	S-Guard2 Housing Unit Stainless Steel Label S-Guard2 Part Drawing

Number	Sheet	Issue	Date	Description
CDP10056-1	1 of 1	2	07/04/2026	B-Guard2 Housing Unit Stainless Steel Label B-Guard2 Part Drawing
CDP10186	1 of 1	2	07/04/2026	S & B-Guard2 Housing Units Aluminium Cert Label S-Guard2 Part Drawing
CDP10186-1	1 of 1	2	07/04/2026	S & B-Guard2 Housing Units Aluminium Cert Label B-Guard2 Part Drawing
CDP10191-1	1 of 1	1	11/03/2026	Sensor & Bushing Assembly Sensor Machined Casing Part Drawing
CDP10192-X-1	1 of 1	1	11/03/2026	Sensor & Bushing Assembly Sensor Bushing Type - X Part Drawing
CDP10192-Y-1	1 of 1	1	11/03/2026	Sensor & Bushing Assembly Sensor Bushing Type - Y Part Drawing
CDP10193-1	1 of 1	1	11/03/2026	Sensor & Bushing Assembly Sensor Securing Nut Part Drawing
CDP10203	1 of 1	0	27/01/2026	B & S-Guard2 Housing Unit Rear Sensor Plug Insert Part Drawing
CDP10204	1 of 1	0	27/01/2026	B & S-Guard2 Housing Unit Rear Sensor Plug Insert Part Drawing
CDP10205-0	1 of 1	0	27/01/2026	B & S-Guard2 Housing Unit Rear Sensor Rubber Seal Part Drawing
CDP10206	1 of 1	0	27/01/2026	B & S-Guard2 Housing Unit Rear Sensor Sleeve Part Drawing
CDP10338	1 of 1	3	10/04/2026	B & S-Guard2 Housing Unit Sensor EC Label Part Drawing
CDP10547	1 of 1	1	13/3/2026	Sensor Unit Generic 4-Series Electrochemical Sensor Part Drawing
CDP10548	1 of 1	1	13/3/2026	Sensor Unit Generic 4-Series Catalytic Sensor Part Drawing
CDP10549	1 of 1	1	13/3/2026	Sensor Unit Generic 4-Series NDIR Sensor Part Drawing
CDP10550	1 of 1	1	13/3/2026	Sensor Unit Generic 4-Series MPS Sensor Part Drawing
CDP10551	1 of 1	1	12/3/2026	Sensor Unit Stainless Steel Sinter Pad Part Drawings
CDP10554	1 of 1	3	10/04/2026	B & S-Guard2 Housing Unit Catalytic Label Part Drawing
CDP10555	1 of 1	3	10/04/2026	B & S-Guard2 Housing Unit NDIR Label Part Drawing
CDP10556	1 of 1	3	10/04/2026	B & S-Guard2 Housing Unit MPS Label Part Drawing
CDP10573	1 of 1	0	02/02/2026	B & S-Guard2 Housing Unit QR Code & Serial Number Part Drawing

Drawings are common with IECEx SGS 25.0049X

Separately Certified Equipment/Components Included in Test Item Description:					
Part Type	Manufacturer	Model/ Type	Certificate No.	Ex Marking String	Standard(s) and date(s)/edition(s)
Instrument Enclosures & Junction Boxes	International Metal Engineering Pte Ltd	8100 Series	Sira 08ATEX1325U	Ⓔx II 2 G Ex db IIC Gb Ta -40°C to +85°C	EN IEC 60079-0: 2018 EN 60079-1: 2014
Gas Detection Sensor	Korea New Ceramics Co. Ltd	KGS 7**, KGS 8**, KGS 9**, KGS 5**	EPS 17ATEX1107U	Ⓔx II 2G Ex da IIC Ga Ex db IIC Gb -40°C≤Tamb≤+55°C	EN IEC 60079-0: 2018 EN 60079-1: 2014
Gas Sensors	N.E.T. S.r.l	IRNEX IRPEX	CESI 11ATEX039U	E II 2G Ex db IIC Gb Ta = -40°C to +60°C	EN IEC 60079-0: 2018 EN 60079-1: 2014