1 **EU-TYPE EXAMINATION CERTIFICATE**

2 Equipment intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU

3 Certificate Number: **Sira 18ATEX2287X** Issue: **0**

4 Equipment: **Multi Gas Detector BW Clip4, Part No. BWC4**

5 Applicant: **Honeywell Analytics Asia Pacific Co Ltd**

6 Address: 7F Sangam IT Tower,
434 Worldcup buk-ro, Mapo-gu,
Seoul, 03992
Republic of Korea

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

8 Sira Certification Service, notified body number 0518 in accordance with Articles 17 and 21 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in the confidential reports listed in Section 14.2.

9 Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the schedule to this certificate, has been assured by compliance with the following documents:

EN IEC 60079-0:2018 EN 60079-11:2012 EN 60079-28:2015

The above list of documents may detail standards that do not appear on the UKAS Scope of Accreditation, but have been added through Sira's flexible scope of accreditation, which is available on request.

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

11 This EU-Type Examination Certificate relates only to the design and construction of the specified equipment. If applicable, further requirements of this Directive apply to the manufacture and supply of this equipment.

12 The marking of the equipment shall include the following:

II 1G
Ex ia IIC T4 Ga
Ta = -40°C to +55°C

Project Number 70

R A Craig on behalf of C Ellaby
Deputy Certification Manager

This certificate and its schedules may only be reproduced in its entirety and without change.

Sira Certification Service
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SCHEDULE

EU-TYPE EXAMINATION CERTIFICATE **Sira 18ATEX2287X**
Issue 0

13 **DESCRIPTION OF EQUIPMENT**

Multi Gas Detector BW Clip 4 is a portable battery operated gas detector, designed to detect elevated levels of combustible and toxic gas (CO and H_2S) as well as oxygen deficiency. The device provides audible and visual signals when predetermined levels of these gases have been reached. The device is powered by two (series-connected) Li-FeS_2 batteries which are both non-rechargeable and non-replaceable, and is intended to be a disposable unit.

Nomenclature:

Part No. BWC4, followed by –Y or –B, followed by any letter (where –Y or –B represents enclosure colour Yellow or Block, where the suffix letter represents country code)

14 **DESCRIPTIVE DOCUMENTS**

14.1 **Drawings**

Refer to Certificate Annexe.

14.2 **Associated Sira Reports and Certificate History**

Issue	Date	Report number	Comment
0	23 January 2019	R70205764A	The release of the prime certificate.

15 **SPECIFIC CONDITIONS OF USE** (denoted by X after the certificate number)

15.1 Gas detector BW Clip4 is provided with anti-static coating over the LCD window to minimize the risk of ignition due to electrostatic discharge. Periodic inspection of this coating is required to ensure no degradation, delamination, abrasions or other deformities to this surface. Care must be taken to avoid exposure to excessive heat, harsh chemicals or solvents, sharp edges and abrasive surfaces. Clean only with a damp cloth.

16 **ESSENTIAL HEALTH AND SAFETY REQUIREMENTS OF ANNEX II** (EHSRs)

The relevant EHSRs that are not addressed by the standards listed in this certificate have been identified and individually assessed in the reports listed in Section 14.2.

17 **CONDITIONS OF MANUFACTURE**

17.1 The use of this certificate is subject to the Regulations Applicable to Holders of Sira Certificates.

17.2 Holders of EU-Type Examination Certificates are required to comply with the conformity to type requirements defined in Article 13 of Directive 2014/34/EU.

17.3 Gas detector BW Clip4 incorporates a previously certified infrared gas sensor; It is therefore the responsibility of the manufacturer to continually monitor the status of the certification associated with this device. The manufacturer shall inform Sira of any modifications to the device that may impinge upon the explosion safety design of Gas detector BW Clip4.

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Certificate Annexe

Certificate Number: **Sira 18ATEX2287X**

Equipment: **Multi Gas Detector BW Clip4, Part No. BWC4**

Applicant: **Honeywell Analytics Asia Pacific Co Ltd**

Issue 0

Drawing	Sheets	Rev.	Date(Sira stamp)	Title
3102E0011	1 of 1	4	19 Nov 18	Marking Label (ATEX only)
3102E0012	1 of 1	4	19 Nov 18	Marking Label (IECEx only)
3102E0009	1 to 2	1	21 Nov 18	General Assembly
3102E0003	1 to 2	1	19 Nov 18	Main Circuit Board schematic
3102E0005	1 to 2	2	19 Nov 18	Main Circuit PCB layout
3102E0001	1 to 3	2	19 Nov 18	Main Circuit BOM
3102E0004	1 to 2	2	19 Nov 18	Sensor Circuit Board schematic
3102E0006	1 to 2	3	19 Nov 18	Sensor Circuit PCB layout
3102E0002	1 to 3	3	19 Nov 18	Sensor Circuit BOM
3102E0013	1 of 1	1	19 Nov 18	Flex PCB schematic

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