

1 EU - Type Examination Certificate

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

3 Certificate Number: ExVeritas 19ATEX0543 Issue: 1

4 Equipment: Bond-Rite Clamp II / OhmGuard I.S. Continuity Tester

5 Manufacturer: Newson Gale Limited

6 Address: Omega House, Private Road 8, Colwick, Nottingham, NG4 2JX UK

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

8 ExVeritas, Notified Body number 2804 in accordance with Article 17 of the Council Directive 2014/34/EU of 26 February 2014, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to design and construction of equipment and protective systems for use in potentially explosive atmospheres given in Annex II to the Directive

9 Compliance with the applicable Essential Health and Safety Requirements has been assured by compliance with the following Standards and section 16 of this certificate:

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

10 If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.

11 This EU-Type Examination Certificate relates only to the design, construction, examination and tests of the specified equipment or protective system in accordance to the Directive 2014/34/EU. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.

12 The marking of the equipment shall include the following:

 II 1 G Ex ia IIC T4 Ga Ta = -40°C to +60°C
II 1 D Ex ia IIIC T135°C Da Ta = -40°C to +60°C

On behalf of ExVeritas



Peter Lauritzen
Managing Director

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13 Description of Equipment or Protective System

The Bond Rite Clamp II comprises a set of steel, spring loaded jaws, onto which is mounted an electronic circuit and steel cover. The circuit is powered by a non-rechargeable, nominally 9 V battery, which is intrinsically safe and may be replaced in the hazardous area.

The clamp is designed to be used with all types of metallic plant such as drums, road and rail tankers, IBCs, mixing vessels and other similar applications. Connection of the clamp prevents a dangerous build up of static charge during the transfer, handling or mixing operations; enabling it to bleed safely to earth. Its use assumes that no charge is present prior to the clamp being attached.

The clamp provides an indication that the resistance between clamp and the local plant earth is less than 10 ohms. Under these circumstances, an LED will be illuminated.

The installation shall be in accordance with control drawing BRCII-Q-11263. Whilst the equipment has an intrinsically safe output, it is not intended to be connected to any other intrinsically safe equipment and, because the length of attached cable is limited to 100 m maximum, no entity parameters are quoted.

The following additional model is also included OhmGuard I.S. Continuity Tester which is designed to measure either the resistance of a transfer hose or to monitor the resistance between two points.

The following battery types may be used:

- Varta type 6122 Professional battery.
- Ultralife type U9VL-J.

13.1 Details of Change

The following changes are introduced in issue 1 of the certificate:

- Transfer of the certificate from ExVeritas UK, Notified Body number 2585 to ExVeritas Denmark, Notified Body number 2804. Certificate number remains unchanged.

14 Descriptive Documents

14.1 Associated Report and Certificate History:

Report Number	Cert Issue Date	Issue	Comment
R2249/A/4	19/11/2019	0	Initial issue of the Prime Certificate
EXV3140A	12/01/2021	1	Issue of the first variation, see section 13.1.

14.2 Compliance Drawings:

Issue 0

Title:	Drawing No.:	Rev. Level:	Date:
Bond-Rite II Board PCB Layout	AA0204R1A-CB-CERT	A	07/02/2011
Bond-Rite II	AA0204R1A-CERT	A	07/02/2011
Bond-Rite II Board PCB Layout	AA0204R1A-CT-CERT	A	07/02/2011
Bond-Rite II Board PCB Layout	AA0204R1A-SS-CERT	A	07/02/2011
Bond-Rite II Certified Parts List	AA0204R1A-PLC	A	07/02/2011
Bond-Rite Clamp II Clamp Marking	BRCII LAB-01	AC	21/10/2019
Bond-Rite Clamp II & OhmGuard GA	BRCIIGA	4	17/07/2012
Bond-Rite Clamp II - Control Drawing	BRCII-Q-11263	6	21/10/2019
Ohm Guard Clamp GA	OG GA	0	11/07/2012
Ohm Guard Clamp Marking	OG LAB-01	AB	21/10/2019
Ohm-Guard I.S. Continuity Tester - Control Drawing	OG-Q-12192	4	06/11/2019

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Issue 1

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15 Conditions of Certification

15.1 Special Conditions for Safe Use

- None

15.2 Conditions for Use (Routine tests)

- None

16 Essential Health and Safety Requirements

Essential Health and Safety Requirements are addressed by the standards listed in section 9 and where required the report listed in section 14.1

The manufacturer shall inform the Notified Body of any modifications to the design of the product described by this schedule.