

1 **UNITED KINGDOM CONFORMITY ASSESSMENT**
2 **UK TYPE EXAMINATION CERTIFICATE**

3 **Product Intended for use in Potentially Explosive Atmospheres**
4 **UKSI 2016:1107 (as amended by UKSI 2019:696) – Schedule 3A, Part 1**

5 Type Examination Certificate Number: **ExVeritas 21UKEX0834** Issue: **0**
6 Product: **Bond-Rite Clamp II / OhmGuard I.S. Continuity Tester**
7 Manufacturer: **Newson Gale Limited**
8 Address: **Omega House, Private Road 8, Colwick, Nottingham, NG4 2JX UK**

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

10 ExVeritas Limited Approved Body number 2585, in accordance with Regulation 42 of the Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 2016, UKSI 2016:1107 (as amended by UKSI 2019:696), 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 Schedule 1 of the Regulations.

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


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

Except in respect of those requirements listed at section 16 of the schedule to this certificate.

13 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.

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

15 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



No. 8613

On behalf of ExVeritas



S Clarke CEng MSc FIET
Managing Director

This certificate may only be reproduced in its entirety and without any change, schedule included.

The status of this certificate can be verified at www.exveritas.com

For help or assistance relating to this certificate, contact info@exveritas.com.

ExVeritas, Units 16-18, Abenbury Way, Wrexham Industrial Estate, Wrexham, United Kingdom LL13 9UZ.

ExVeritas® is a registered trademark, unauthorised use will lead to prosecution.

Schedule

13 Description of Product

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 or the Ultralife type U9VL-J.

14 Descriptive Documents

14.1 Associated Report and Certificate History:

Report Number	Cert Issue Date	Issue	Comment
R3140/B/1	2022-04-29	0	Initial issue of the Prime Certificate

14.2 Compliance Drawings:

Issue 0

Number	Date	Issue	Description
AA0204R1A-CB-CERT	07/02/2011	A	Bond-Rite II Board PCB Layout
AA0204R1A-CERT	07/02/2011	A	Bond-Rite II
AA0204R1A-CT-CERT	07/02/2011	A	Bond-Rite II Board PCB Layout
AA0204R1A-SS-CERT	07/02/2011	A	Bond-Rite II Board PCB Layout
AA0204R1A-PLC	07/02/2011	A	Bond-Rite II Certified Parts List
BRC II LAB UKCA 01	11/10/21	AB	UKCA CERTIFICATION DETAIL BOND-RITE II
BRCIIGA	17/07/2012	4	Bond-Rite Clamp II & OhmGuard GA
BRCII-Q-11263	21/10/2019	6	Bond-Rite Clamp II - Control Drawing
OG GA	11/07/2012	0	Ohm Guard Clamp GA
OG LAB UKCA 01	14/10/2021	AB	UKCA CERTIFICATION DETAIL OHM GUARD
OG-Q-12192	06/11/2019	4	Ohm-Guard I.S. Continuity Tester - Control Drawing

15 Specific Conditions of Use

15.1 Special Conditions for Safe Use

- None

Certificate: **ExVeritas 21UKEX0834**

Issue **0**

This certificate may only be reproduced in its entirety and without any change, schedule included.
 For help or assistance relating to this certificate, contact info@exveritas.com.
 ExVeritas, Units 16-18, Abenbury Way, Wrexham Industrial Estate, Wrexham, United Kingdom LL13 9UZ.
 ExVeritas® is a registered trademark, unauthorised use will lead to prosecution.

Schedule

15.2 Routine tests

- None

16 Essential Health and Safety Requirements (Regulations Schedule 1)

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 ExVeritas of any modifications to the design of the product described by this schedule.