

1 EU - Type Examination Certificate

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

3 Certificate Number: ExVeritas 19ATEX0543 Issue: 0

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 2585 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 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



No. 8613

On behalf of ExVeritas



S Clarke MSc CEng FIET
Certification Manager

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The certificate is only valid when it carries an original signature.

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.

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Schedule

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 or the Ultralife type U9VL-J.

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

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
BRCII LAB-01	21/10/2019	AC	Bond-Rite Clamp II Clamp Marking
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-01	21/10/2019	AB	Ohm Guard Clamp Marking
OG-Q-12192	06/11/2019	4	Ohm-Guard I.S. Continuity Tester - Control Drawing

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15 Conditions of Certification

15.1 Special Conditions for Safe Use
None.

15.2 Conditions for Use
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.

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