



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: **IECEX EXV 19.0058** Page 1 of 4 [Certificate history:](#)

Status: **Current** Issue No: 0

Date of Issue: 2019-11-22

Applicant: **Newson Gale Limited**
Omega House
Private Road 8
Colwick
Nottingham
NG4 2JX
United Kingdom

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

Optional accessory:

Type of Protection: **Intrinsic Safety**

Marking: Ex ia IIC T4 Ga
Ex ia IIIC T135°C Da
Ta = -40°C to +60°C

Approved for issue on behalf of the IECEx
Certification Body:

Sean Clarke CEng MSc FIET

Position:

Certification Manager

Signature:
(for printed version)

Date:

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting www.iecex.com or use of this QR Code.



Certificate issued by:

ExVeritas Limited
Units 16-18 Abenbury Way
Wrexham Ind. Est.
Wrexham LL 139UZ
United Kingdom





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Manufacturer: **Newson Gale Limited**
Omega House
Private Road 8
Colwick
Nottingham
NG4 2JX
United Kingdom

Additional
manufacturing
locations:

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended

STANDARDS :

The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

IEC 60079-0:2017 Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

IEC 60079-11:2011 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:6.0

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Report:

[GB/EXV/ExTR19.0062/00](#)

Quality Assessment Report:

[GB/EXV/QAR19.0009/00](#)



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EQUIPMENT:

Equipment and systems covered by this Certificate are as follows:

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.

SPECIFIC CONDITIONS OF USE: NO



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Equipment (continued):

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