



1 **EC TYPE-EXAMINATION CERTIFICATE**

2 Equipment intended for use in Potentially Explosive Atmospheres Directive 94/9/EC

3 Certificate Number: **Sira 02ATEX9381** Issue: **1**

4 Equipment: **The Stainless Steel Heavy Duty Grounding Clamp, VESX90**  
**The Reb Grounding Clamp, VESX41**  
**The Tanker Grounding Clamp, VESC09**  
**The Raco Clamp, VSX05/M**  
**The Cling-on Clamp, VESX04**  
**The Earthling Clamp, VESX02/05**  
**The Stainless Steel Earthling Clamp, VESX45**

5 Applicant: **Newson Gale Limited**

6 Address: Unit 6 Churchill Park  
Colwick  
Nottingham  
NG4 2HF  
UK

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 Article 9 of Directive 94/9/EC of 23 March 1994, 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 13463-1:2001

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 EC 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:

The Raco Clamp, VSX05/M



IIB 1 GD T6

All other clamp types



II 1 GD T6

Project Number 51A17271  
C. Index 07

C Ellaby  
Certification Officer

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



## SCHEDULE

### EC TYPE-EXAMINATION CERTIFICATE

Sira 02ATEX9381  
Issue 1

#### 13 DESCRIPTION OF EQUIPMENT

All of the devices are spring-actuated, equi-potential bonding clamps that are intended to prevent the build up of unwanted static electricity on conductive surfaces; they are constructed as detailed below:

##### **The Stainless Steel Heavy Duty Grounding Clamp, VESX90**

Comprising stainless steel clamp bodies with brass contact holder and contacts. Contact pressure is maintained by a stainless steel spring.

##### **The Reb Grounding Clamp, VESX41**

Comprising hard anodised aluminium clamp bodies with stainless steel contacts. Contact pressure is maintained by a zinc passivated steel spring.

##### **The Tanker Grounding Clamp, VESC09**

Comprising stainless steel clamp bodies with brass bushes and tungsten carbide contacts. Contact pressure is maintained by a stainless steel spring.

##### **The Raco Clamp, VESX05/M**

Comprising brass clamp bodies with plastic handles and brass contacts. Contact pressure is maintained by a zinc plated steel spring.

##### **The Cling-on Clamp, VESX04**

Comprising mild steel clamp bodies with brass contact holders and tungsten carbide contacts with a brass "V" section. Contact pressure is maintained by a galvanised zinc plated steel spring.

##### **The Earthling Clamp, VESX02/05**

Comprising mild steel clamp bodies with brass contact holders and stainless steel contacts with a brass "U" section. Contact pressure is maintained by a stainless steel spring or a zinc plated steel spring.

##### **The Stainless Steel Earthling Clamp, VESX45**

Comprising stainless steel clamp bodies with stainless steel contact holders and tungsten carbide contacts. Contact pressure is maintained by a stainless steel spring.

**Variation 1** - This variation introduced the following changes:

- i. The addition of The Stainless Steel Earthling Clamp, VESX45, to the range.

#### 14 DESCRIPTIVE DOCUMENTS

##### 14.1 Drawings

Refer to Certificate Annexe.



## SCHEDULE

### EC TYPE-EXAMINATION CERTIFICATE

Sira 02ATEX9381  
Issue 1

#### 14.2 Associated Sira Reports and Certificate History

Issue	Date	Report no.	Comment
0	12 February 2003	R52A8999A	The release of the prime certificate.
1	8 October 2007	R51A17271A	This Issue covers the following changes: <ul style="list-style-type: none"><li>All previously issued certification was rationalised into a single certificate, Issue 1, Issue 0 referenced above is only intended to reflect the history of the previous certification and has not been issued as a document in this format.</li><li>The introduction of Variation 1.</li></ul>

#### 15 SPECIAL CONDITIONS FOR SAFE USE (denoted by X after the certificate number)

None

#### 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 CERTIFICATION

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

17.2 Holders of EC type-examination certificates are required to comply with the production control requirements defined in Article 8 of directive 94/9/EC.

# Certificate Annexe

**Certificate Number:** Sira 02ATEX9381  
**Equipment:** The Stainless Steel Heavy Duty Grounding Clamp, VESX90  
The Reb Grounding Clamp, VESX41  
The Tanker Grounding Clamp, VESC09  
The Raco Clamp, VSX05/M  
The Cling-on Clamp, VESX04  
The Earthling Clamp, VESX02/05  
The Stainless Steel Earthling Clamp, VESX45  
**Applicant:** Newson Gale Limited

---



## Issue 0

Number	Sheet	Rev.	Date	Description
AC-001	1 of 1	3	24 Jan 03	Stainless Steel Heavy Duty Clamp
AC-002	1 of 1	3	24 Jan 03	REB Clamp
AC-003	1 of 1	3	24 Jan 03	Tanker Clamp
AC-004	1 of 1	3	24 Jan 03	RACO Clamp
AC-005	1 of 1	3	24 Jan 03	Clingon Clamp
AC-006	1 of 1	3	24 Jan 03	Earthling Clamp

## Issue 1

Number	Sheet	Rev.	Date	Description
NG-VESX45-ATEX	1 of 1	1	(Sira stamp) 24 Sep 07	Clamp Assembly

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