Instructions for Category 1
X225 PIRANHA
Static Grounding / Earthing Clamp

Certified to EN 13463-1:2009

Certificate number: Sira 02ATEX9381 Issue 4

Approval: Ⓔx II 1 GD T6

Ambient Temperature Range: Ta = -40°C to +60°C

The safety of any system incorporating the equipment referred to in this manual is the responsibility of the installer of the system.

If the equipment is used in a manner not specified by the manufacturer, the protection provided by the equipment may be impaired.

Any warranty is made void if the equipment is not installed, or used, in accordance with the manufacturers instructions.

Please contact Newson Gale if you require an EC Declaration or a translation of this instruction manual.

Instructions for VESX225 Piranha
Single Pole Category 1 Static Grounding / Earthing Clamp

With regard to the relevant Essential Health & Safety Requirements (EHSRs) of the ATEX Directive 94/9/EC, the following declarations are made with respect to the Newson Gale VESX225 Static Grounding Clamps:

1.0.6

1. The constructional materials of the equipment are deemed to be suitable for the intended use.

2. **Intended Use:** The clamp is designed to dissipate undesirable static electricity away from conductive objects during a process.

3. **Identified Hazards in accordance with EN 13463-1:2009:** A) Mechanical sparks resulting from a fracture of the torsion spring or as a result of mechanical damage. B) Static Electricity hazards resulting from a high resistance static dissipation path due to corrosion, bad connections or mechanical damage.

Instructions for Safe Use

4. The clamp should be connected to a flexible, multi-strand cable suitable for the area of operation and the site conditions. Ideally, the clamp should be fitted with a single steel-cored cable. A suitable steel-cored cable can be supplied by Newson Gale.

   The cable should be terminated using a crimp connector suitable for the cable type. The crimp connector shall have a clearance hole to suit the clamp fixing stud, as follows:
   VESX225 Clamp: 4mm diameter.

   The crimp connector shall be fitted to the clamp's threaded fixing stud and secured using the washer, and self-sealing nut, supplied with the clamp.

5. The cable should be checked regularly to ensure that the strands have not broken. If more than 10% of the strands are found to be broken the cable must be re-terminated with reference to point 4 above.

6. The clamp cable must have a connection to a verifiable Ground Point in order to dissipate static.

7. Before use always check that the cable is connected securely to the clamp and that there are no signs of corrosion at the cable termination.

8. The clamp should be attached to the object to be grounded at a secure position which is clean and free from any insulating coating (see diagram 1). If in doubt, check the resistance between the object to be grounded and the Ground Point, using a suitable ohmmeter. The resistance should not exceed 10 ohm.

9. The clamp should be attached, and removed, carefully, slowly and smoothly.

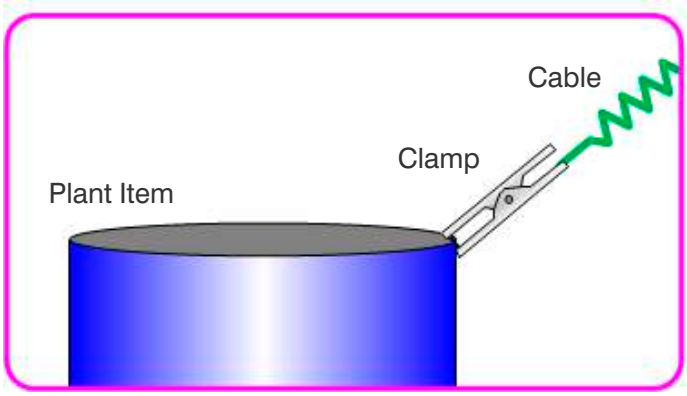

Diagram 1

10. The clamp should be taken out of service if the clamp shows signs of corrosion or the clamp becomes damaged.

11. Regularly (more often than once a month) check the resistance between the clamp contacts and the Ground Point, using a suitable ohmmeter. The resistance should not exceed 10 ohm.

12. The clamp should be used by trained, competent persons only.

13. At the end of it's life the clamp should be disposed of in a safe, considerate manner.

14. If the cable connection or the contact tips become loose, re-tighten the fixings using appropriate tools. Ensure that each tip of the VESX225 clamp is projecting from the clamp body by at least 5 mm, as per diagram 2.

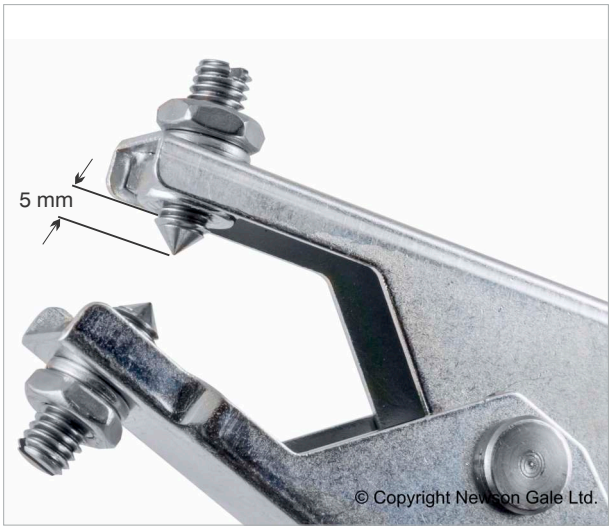

Diagram 2

Approval: Ⓔx II 1 GD T6

Ambient Temperature Range: Ta = -40°C to +60°C

VESX225 Clamp Marking

KEY
YY = Year of Manufacture
pppp = Newson Gale batch number

Malux solutions

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Static Grounding / Earthing Clamp

www.malux.se

NG US X225 CLAMP ISM 240518 R4