

Earth-Rite® PLUS™

Static Ground Indicator and Interlock System

The **Earth-Rite PLUS** provides positive verification of static ground (earth) connections on a wide range of industrial plant equipment, including railcars, drums, containers and other conductive equipment.

Whenever flammable liquids or powders are transferred, or wherever there is a risk of conductive plant items becoming isolated from ground within hazardous locations, effective grounding and bonding is necessary to ensure safe dissipation of static electricity, to prevent fires and explosions which can be ignited by static.

When connected to a mobile tank or other conductive equipment, the intrinsically safe monitoring circuit verifies a low resistance connection and dissipation path to ground. Good connection is confirmed by pulsing LED indicators, releasing a pair of voltage free output contacts and enabling the transfer of product to start.



NEW
GENERATION OF
EARTH-RITE
SYSTEMS!



IECEX



SIL 2



The **Earth-Rite PLUS** includes:

- **Explosion Proof (XP/Ex d) Controller** with Intrinsically Safe Monitoring Module.
- **Universal Grounding Clamp** with 32ft (10m) of 2 conductor Hytrel™ Protected Cable.
- **Ground Connection Junction Box** with Stowage Pin for Universal Grounding Clamp.

Newson Gale | For over 25 years Newson Gale has been supplying the chemical and processing industry worldwide with its market leading range of static control products ensuring people and plant are protected from static related fires and explosions.



Earth-Rite PLUS Features and Benefits

- Confirms safe, low-resistance static dissipation path (< 10 Ohms) from tanker, drum etc. to designated ground point.
- Meets requirements of NFPA 77, API RP 2003 and CENELEC CLC/TR: 50404 recommended best practice on controlling static electricity in hazardous areas.
- Universal grounding clamp suits all common tankers, drums, conductive plant equipment.
- Every unit supplied with full installation and operating manual.
- Easy to install, operate and maintain.
- Ground connection junction box simplifies IS field wiring, system set-up and repairs in hazardous atmospheres.



Universal grounding clamp with Quick Connect included

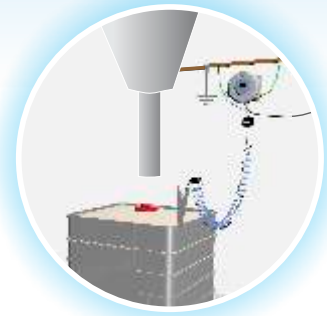
Earth-Rite PLUS Applications



Railcar Loading



Tank Truck Loading*



Filling IBCs, Totes, Drums and Containers

For more **Earth-Rite PLUS** grounding applications contact Newson Gale or log on to our website to request a free copy of the Grounding & Bonding Applications Handbook.



Pulsing **LEDs** confirm positive ground condition

Options
Self-Retracting Cable Reel
Explosion Proof Strobe Light

Certification	
Ingress Protection IP66, NEMA 4X, 7, 9	Temperature Range -13°F to +122°F - CSA -40°C to +55°C - ATEX
Power Supply Selectable 110/120V or 220/240V AC, 50-60 Hz Selectable 12V or 24V DC	

***Tank Truck Grounding:** The **Earth-Rite RTR** with Tri-Mode technology offers even higher levels of safety and security in dedicated tank truck transfer applications. Please request a separate datasheet for this product.

For ordering codes and more detailed technical information please refer to product specification sheet.

The Earth-Rite PLUS forms part of the Earth-Rite range of Static Grounding and Bonding Equipment available from Newson Gale



Leading the way in hazardous area static control

www.newson-gale.com

Newson Gale Inc
 460 Faraday Avenue
 Unit B, Suite 1
 Jackson, NJ 08527
 USA

Tel: +1 732 961 7610
 Fax: +1 732 791 2182

Email: groundit@newson-gale.com

Newson Gale Ltd
 Omega House
 Private Road 8
 Colwick, Nottingham
 NG4 2JX, UK

Tel: +44 (0)115 940 7500
 Fax: +44 (0)115 940 7501

Email: groundit@newson-gale.co.uk