

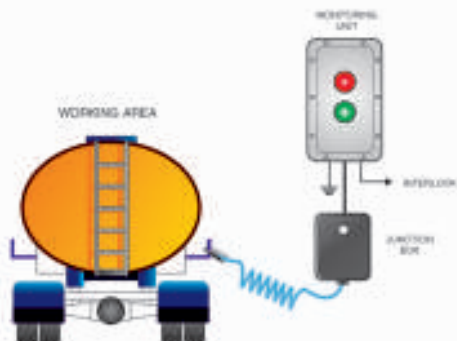
Earth-Rite PLUS Static Ground Indicator and Interlock System

The Earth-Rite PLUS provides positive verification of static ground connection on a wide range of industrial plant equipment, including tanker trucks, 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 tanker truck or other conductive equipment, the intrinsically safe monitoring circuit verifies a low resistance connection and dissipation path to ground. Good connection is confirmed by an indicator light and the interlock is released (switch contact), enabling the transfer/product to start.

The Earth-Rite PLUS is certified to US and Canadian Standards for safe use in hazardous locations, and confirms to the requirements of all major US and International static control codes of practice.



Key features and benefits:

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

Earth-Rite PLUS includes:


- Explosion Proof (XP) Controller with Intrinsically Safe Monitoring Module.
- Universal Ground Clamp with 32ft Spiral Twin Core Hytel™ Cable.
- Ground Connection Junction Box with Storage Pin for 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 Static Ground Indicator and Interlock System

Technical Data

Power requirement:	110/120V AC; 50/60 Hz (220/240V AC Versions available on request)
Interlock contact:	Single Channel; Double Pole
Single lamps:	Red/Green Long-Life Multi-LED (tested to 100,000 hrs)
Enclosure entries:	3/4" NPT
Certified for hazardous locations	 Class I, Div. 1 and 2 Groups B, C, D
	Class II, Div. 1 and 2 Groups E, F, G
	Class III
(European / ATEX version available on request)	Nema 4X, 7, 9 <i>For full technical data and wiring details refer to installation and operating manual</i>
Order Code	Description
EMUE71	Earth-Rite PLUS with XP Control Housing and Indicator Lights
Options	<i>Add separator and suffix to order code (e.g. EMUE71/CR)</i>
/QC	(enables quick and easy cable/clamp replacement) Quick-connect plug and socket fitted to junction box and cable
/CR	50ft Self-Retracting Cable Reel with maintenance-free, ultra-low resistance contacts (replaces spiral cable and junction box) <i>For further options, alternative control housings and non-standard requirements please contact our sales engineering office.</i>



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

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