

## Earth-Rite® TELLUS II

### Static Grounding for Process Plant & Equipment

The **Earth-Rite TELLUS** is designed to safely remove static electricity from plant equipment situated in hazardous areas.

- Prevents dangerous uncontrolled discharge of static electricity
- Bright flashing LED indicator verifies positive ground connection
- Interlock for safe shutdown or audible alarm if ground connection lost
- Monitors grounding circuit ensuring resistance to ground never rises above 10 Ohms.



**IECEx**

**SIL 2**



### Applications

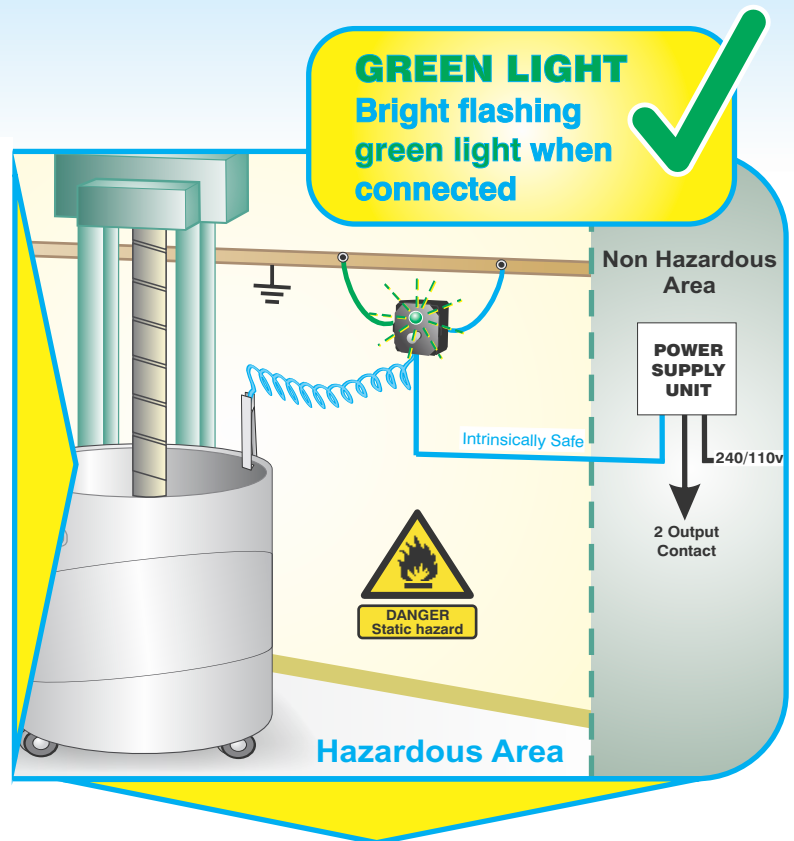
- **Mixing of paints, coatings, adhesives and printing inks.**
- **Bulk handling of flammable solvents and powders.**
- **Fluoropolymer Manufacture.**
- **Chemical Blending & Distribution.**
- **Water Treatment Chemicals.**

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



## Features

- The Earth-Rite TELLUS is designed to safely remove static electricity from the hazardous area. The green flashing LED tells operators if the plant equipment has a good static dissipative bond with the designated earth point.
- The Earth-Rite TELLUS continuously monitors the connection to the plant equipment during the process, ensuring that any static generated by the process is safely removed from the flammable / explosive atmosphere.
- If the Earth-Rite TELLUS detects that the earth connection of the plant equipment has been compromised the green LED will stop flashing and the output contact, which can either control the process additional strobe or audible alarms, will ensure the operator's attention is drawn to this potentially hazardous situation.



## Earth-Rite TELLUS II



### ATEX / IECEx

Zones 0, 1 & 2  
Zones 20, 21 & 22

### cCSAus (US & Canada)

Class I, Div. 1, Groups A, B, C, D  
Class II, Div. 1, Groups E, F, G  
Class III

### Power Supply

Located in Non-Hazardous Area

**Reliability** | The Earth-Rite TELLUS enhances operator compliance with static earthing safety procedures through optional plug and socket connectors ensuring safe static conditions are in place before a potentially hazardous process is initiated.

**Flexibility** | The Earth-Rite TELLUS indicator, clamp and cable can be installed in Zone 0 / 20 Gas and Dust hazardous atmospheres and a variety of mounting locations.

**Compliance** | The Earth-Rite TELLUS enables compliance with the best practice guidelines of NFPA 77 & CENELEC 50404 for controlling static electricity by ensuring that equipment susceptible to the hidden dangers of static is monitored to levels recommended in the standards.

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