

About Newson Gale

For over 25 Years, Newson Gale has been in the business of protecting people and plant assets from electrostatic hazards, serving industries where processes that generate significant amounts of static electricity have the potential to ignite flammable or explosive atmospheres.

Static electricity continues to be one of the processing industry's most significant sources of igniting flammable and explosive gas and dust atmospheres. The Institute of Chemical Engineers and NFPA estimate that at least two serious fires or explosions are caused by uncontrolled static electrical discharges everyday.

Published data shows that ignitions caused by incendive static spark discharges rank as highly as over-pressure faults in petrochemical handling and are second only to mechanical sparks for combustible dust cloud explosions.

Solutions to a wide range of static hazards



Road Tankers



Mobile Grounding



Process Equipment



Mixing Vessels



IBCs & FIBCs



Railcar Loading



Multiple Drum
Locations

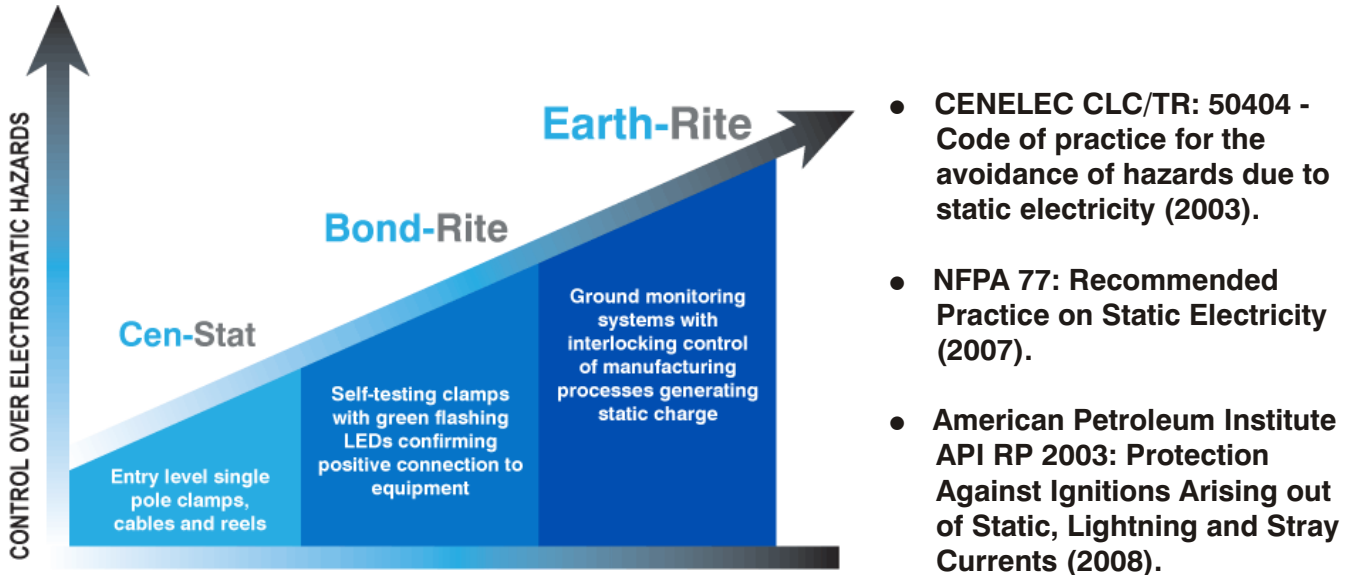


Drums &
Dispensing Cans

Product Range

Our static control solutions are divided into three flexible product categories that are specified for customers depending on the level of safety required to protect people and plant assets from the flammable /or explosive hazard.

Depending on the country specification, our equipment carries **ATEX, FM, IECEx, CSA** and **SIL2** hazardous area approvals and are fully compliant with internationally recognised Best Practice standards for controlling static electricity.



StocExpo Presentation of New Product development: Truck Mounted static earthing verification system.

Day 2 - Wednesday 31st March at 14:30.

On petrochemical storage and processing facilities static electricity can pose a threat to personnel and assets engaged in the recovery and transfer of flammable products. Vacuum truck tank cleaning operations and product transfers from ungrounded trucks can generate levels of static electricity with potential energies far in excess of the Minimum Ignition Energies of the vast majority of petrochemical products.

API RP 2219 "Safe Operation of Vacuum Trucks in Petroleum Service" states that before any transfer process takes place the truck should be connected to a "proven ground source", thereby preventing the accumulation of electrostatic charges on the equipment.

Newson Gale has developed, and is currently in advanced trials with a truck mounted static earthing system that confirms if the vehicle engaged in the material recovery or delivery process has a connection to earth that is capable of dissipating static charges safely.

Our presentation will cover the problems of static charge build up on a variety of handling and transfer operations carried out with trucks and will provide a detailed background to how this new technology can protect drivers, operators and plant equipment from fires caused by incendive static spark discharges.



Leading the way in hazardous area static control

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