

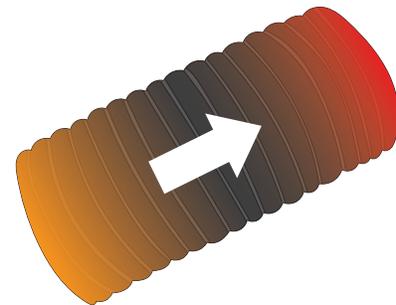
Vacuum trucks provide an important contribution to the recovery and transportation of flammable and combustible products within the hazardous process industries. However without adequate static grounding protection in flammable atmospheres this could result in fires and catastrophic explosive chain reactions.

01

The rate of electrostatic charge generation is a common factor that contributes to a spark discharge in vacuum truck incidents. If the components of the system were permitted to exceed the rate of charge dissipation, the accumulation of static charge will build up on the truck, hose and other equipment attached during the transfer process.

Very often, vacuuming operations will be carried out on facilities and remote locations where 'designated' grounding points may not be tested on a regular basis, are not accessible or do not exist.

02



Discharges of static electricity from hoses are known to cause the ignition of combustible atmospheres during the transfer of material to or from vacuum trucks and tanker trucks which often results in an explosion or fire.

03

Unlike the security provided to road tanker drivers and loading gantry operators by gantry mounted earth monitoring systems such as the RTR, the vacuum tanker team running the recovery or transfer operation has no way of knowing if their tanker is connected to a good earth without a mobile ground verification system like the MGVS.

04



Leading the way in hazardous area static control



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