



Cenelectrex



Stewart R. Browne  
Manufacturing Company

## Bond-Rite



ATEX Certified  
CSA Listed

### Self Monitoring Static Grounding and Bonding Assemblies

Bond-Rite monitoring assemblies offer safe, economical and easy to install solutions for applications where it is necessary to verify a good static ground connection onto containers, drums, road tankers, rail-cars and other conductive objects. The unique and patented design helps prevent static caused fires and explosions when storing and transferring flammable materials. Each Bond-Rite design is certified intrinsically safe for use in hazardous atmospheres and offers a visual confirmation of proper ground or bond when metal to metal connections are made. Several Bond-Rite assemblies are offered in both battery powered and 110/220-volt power supply with the electronics and light display enclosed in a Nema 4X, corrosion resistant, stainless steel housing.

#### **Bond-Rite (battery powered), model VESC52.**

The Bond-Rite monitoring clamp, with Nema 4X housing, includes a surface LED light display, intrinsically safe electronics and 9-volt Lithium Manganese battery. The assembly comes complete with 16-ft\* Hytel, Cen-Stat™ spiral cable with quick disconnect, wall mounted junction box and two ground connection cables. With the battery power supply, installation is quick and easy with no field wiring necessary.



Bond-Rite  
Clamp

#### **Bond-Rite Remote (battery powered), models VESC61 and VESC62.**

The Bond-Rite Remote places the LED light display, intrinsically safe electronics and 9-volt Lithium Manganese battery in a wall mounted, Nema 4X stainless steel enclosure. The assembly comes complete with 16-ft\* Hytel, Cen-Stat™ spiral cable; either REB-IP (VESC61) or GAT-IP (VESC62) ground clamps; two quick disconnect ground connection cables and wall mounting bracket. With the battery power supply, installation is quick and easy with no field wiring necessary.

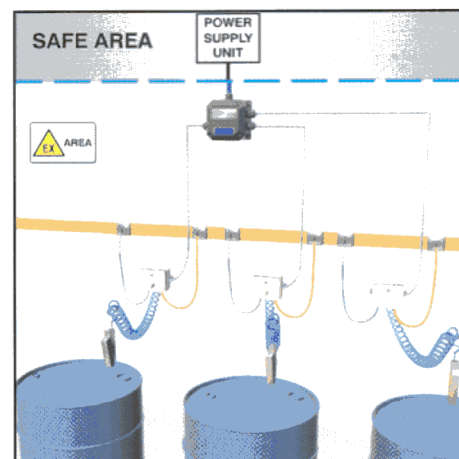
Bond-Rite Remote  
with GAT-IP Clamp.



\* Optional spiral cable lengths are 32-ft & 45-ft.

## Bond-Rite Remote, Model EP (External Powered)

The Bond-Rite Remote EP allows the use of 110 or 220 volt main power supply. This is ideal for those applications where the clamp connection is for longer periods of time and not practical for battery power. The system incorporates the use of either the VESC61/EP or VESC62/EP monitoring units as described in the Bond-Rite Remote. Up to 3 Bond-Rite Remote monitoring units are powered by a single Intrinsically Safe power supply box (model VESC90/110) with a multi-way junction box (model VESM63) for connecting 2 or 3 additional monitoring boxes. The power supply box is mounted in a safe area and may be as much as 320 feet away from the furthest connection point.



Ideal for Drum Store applications

## Bond-Rite EZ (Battery Powered) model VESC52-REB-IP.

This assembly was developed to provide a quick and easy means of verifying proper resistance between two metal objects in hazardous areas. The Bond-Rite clamp is used in conjunction with our specially designed REB-IP ground clamp with isolated point. The clamps are connected by a 16-ft, 2-core spiral cable. With both clamps properly in place, the LED light display on the surface of the Bond-Rite monitoring clamp confirms that the bond resistance is less than 10 ohms which meets current standards.



## Technical Specifications and available models for all Bond-Rite Assemblies:

Monitoring clamp and Remote box construction: 316L Stainless Steel, Nema 4X.

Spiral connection cables: 16-ft standard length, 2 conductor, Hytrel, Cen-Stat™ coated.

Power supply: 9-volt Lithium Manganese ULTRALIFE, long life battery.

Monitoring Set Point: Less than 10 Ohms

Certification: FM Approved. Class I, Division I, Groups A,B,C & D.

Class II, Division I, Groups E,F & G.

ATEX Certified and CSA Listed.

### Standard Models:

VESC52 Bond-Rite with 16-ft Hytrel, Cen-Stat™ spiral cable, inline quick connect and connection box with ground connection cables.

VESC52-REB-IP Bond-Rite with 16-ft Hytrel, Cen-Stat™ spiral cable and REB-IP ground clamp.

VESC61 Bond-Rite Remote with 16-ft Hytrel, Cen-Stat™ spiral cable, REB-IP clamp, ground connection cables and mounting bar.

VESC62 Bond-Rite Remote with 16-ft Hytrel, Cen-Stat™ spiral cable, GAT-IP clamp, ground connection cables and mounting bar.

VESC90/110 Bond-Rite Remote EP Power Supply Box. Specify with the required VESC61/EP or VESC62/EP

VESM63 Multi-way junction box. Required with 2 or more VESC61/EP or VESC62/EP monitoring units.

All models also available with 32-ft and 45-ft spiral cables.

*The Bond-Rite and Bond-Rite Remote forms part of the Stewart R. Browne Mfg. / Cenelectrex® range of static control equipment for hazardous areas which include clamps, cables, reels and ground interlock systems. For more information please contact us or your local distributor.*



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The Tuffite logo, featuring the word 'Tuffite' in a stylized, cursive font.