

TECH TIPS

What are the proper locations for a SIMCO static bar?

The best locations for a static bar are usually just after the area where the static is being generated or just before the area where the problem is located. SIMCO Electrostatic Fieldmeters provide an easy way to locate and identify the magnitude of the static charge buildup causing your specific problems. Be sure to consult with your SIMCO representative or SIMCO customer service when initially determining the most appropriate location for your specific application.

The material to be neutralized should have a background of free air and NOT be in contact with another surface as it passes the static bar. Static charges cannot be reduced when two surfaces are in intimate contact.

Static bars may be mounted in any position provided the emitter points face the material to be neutralized. Bars can also be mounted on either side or both sides of the material.

Static bars should be mounted 1/2" to 1" away from the charged material. The exceptions are the PSH-N,R50 and R51 bars. These bars can be located up to 6" away from the charged surface of moving materials.

Static bars MUST be grounded for proper operation and safety.