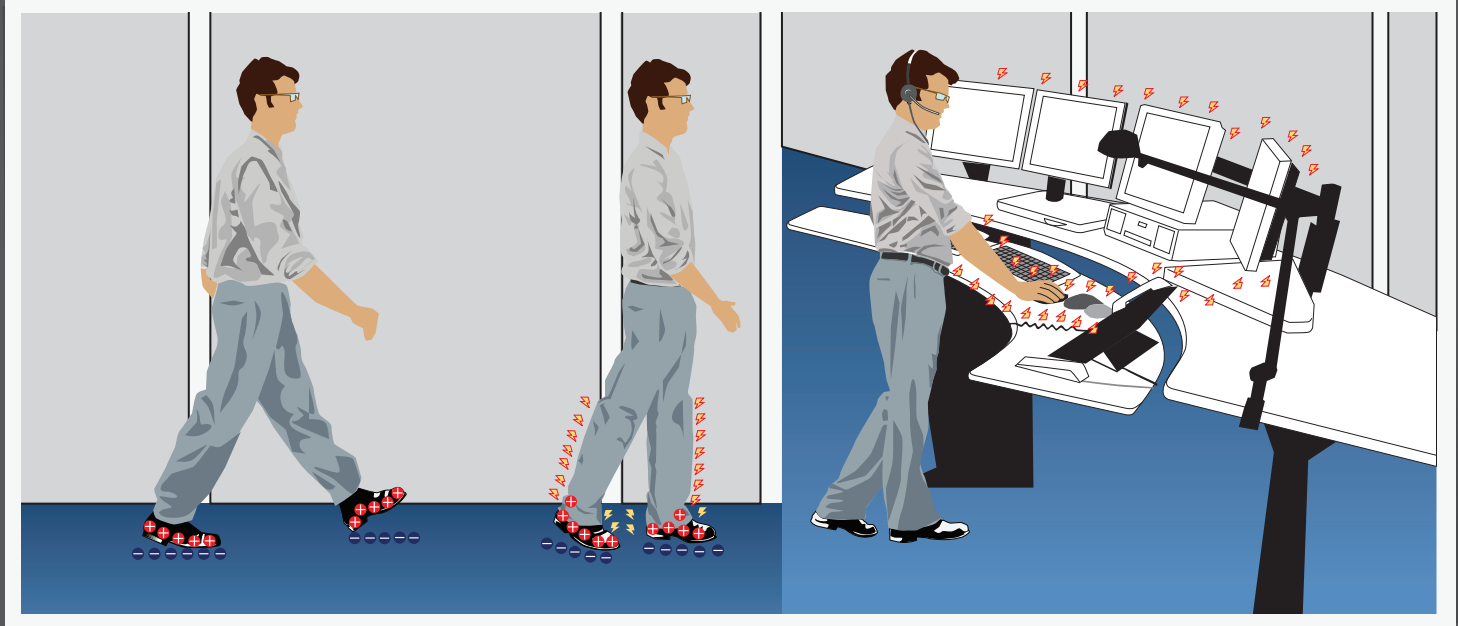


Static Generation and How it Happens

Did you know that simple movements like sliding out of a chair, or walking across a floor, can produce enough static electricity to damage electronic equipment?

Note: Electrostatic Discharge (ESD) adversely affects the performance of sophisticated computer equipment and devices costing electronic manufacturing companies, E911, medical facilities, data centers, and countless other businesses hundreds of millions of dollars annually in lost productivity and outright product failures.

How Is It Generated?



Static electricity is generated on the person walking across the floor.

Static electricity continues to build.

Static electricity always seeks the path of least resistance. The static discharges as soon as the person comes in contact with another object, like a computer keyboard, that is capable of accepting this charge.

Did you know?

- Most static is discharged through the hands.
- An electrostatic discharge as low as 10 volts can be enough to cause damage or loss of data in sophisticated electronic equipment and devices.
- Most people cannot detect an electrostatic discharge until it has reached a minimum of 3,500 volts.

Protect yourself and your business from damage caused by ESD by purchasing a properly grounded static control floor.

If you have questions about KV ratings, Ohms resistance, or specifying static control flooring - feel free to contact a StaticSmart representative at [800-225-6052](tel:800-225-6052), or email info@staticsmart.com.