

ESD Basic Concepts Training

BEST Inc.



Quiz for YouTube Video “ESD Practices for PCBs”

1. How can static charges be “bled off” from our body to the ground in a controlled fashion?
2. Why is important to wear ESD smocks when working on ESD-sensitive PCBs?
3. Electrostatic discharge-caused damage to PCBs always occurs right at the time of the discharge (T or F).
4. ESD can cause damage to customer products and make unhappy customers (T or F).
5. What do we have to do every day with our ESD wrist straps?
6. What should we connect between our socks and shoes to control static discharge events caused by our body?
7. Uncontrolled ESD events can increase the cost of products (T or F).
8. Static electricity is generated by what action?
9. Name some common items found in the “operating environment” that generate static charges and then store them.
10. A human body can store charges just by walking on a carpet (T or F).

- 11. To transport a PCB safely from an ESD perspective site, we use a static shielding bag, placing the PCB inside of the bag with the bag open end being folded over (T or F).**

- 12. Name some metal objects found in the work space that can generate static charges (conductors).**

- 13. What is the minimum relative humidity level where static charges are a problem?**

- 14. We can wear heel straps both inside and outside so as not to forget about wearing them when working on electronics (T or F).**

- 15. Brushing your hair in a workspace is safe from an ESD (T or F).**