

Course code: F1003

ANSI/ESD S20.20 MEASUREMENT

Protection of Electrical and Electronic Parts

ANSI/ESD S20.20 is an ANSI standards to manage ESD control program. In industry concerns to electrics is essential for protecting electrostatic discharge (ESD) through an ESD control program that described in this standard. It provides organizations with a structured approach to control ESD that may make products damage. This course helps aspiring participants to understand how improvement helps to continual improve organisational management system using its best practice. Participants learn the details of each clauses of the standard requirement to be able to apply within their organization.

OBJECTIVE

- To describe the concept overview of electrostatic discharge (ESD) measurement.
- To provide knowledge on electrostatic and describe how ANSI/ESD S20.20 approach.
- To explain method to control ESD by using ANSI/ESD S20.20 concept.
- To build awareness and encourage continual improvement within organization.



CONTENT

- **Session 1: Introduction**

Describe the ANSI/ESD S20.20 history and principles including supporting systems and tools. Provide understanding of the ANSI/ESD S20.20.

- **Session 2: Terms and Definitions**

Describe relevant terms and definitions that normally use improvement in quality and physics and related fields.

- **Session 3: ESD tools for monitoring**

Describe process to develop, implement and maintain the ESD measurement.

- **Session 4: ANSI/ESD S20.20 measurement**

Describe measurement of ANSI/ESD S20.20 for implementing to industry. This includes;

- Design of measurement of electrostatic discharge
- Develop the ESD control program
- Monitor the ESD control program

- **Session 5: Conclusion**

Conclude and explain step to implement.

