iso Learning
by Quality Associates

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Course code: F1004

ANSI/ESD S20.20 ASSESSMENT

Protection of Electrical and Electronic Parts

Because difference company has different processes, then require a different combination of ESD prevention measures for an optimal ESD control program. 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 need measurement system to measure. 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 approach.
- To provide knowledge on electrostatic and describe how ANSI/ESD S20.20 measured to comply with standard.
- 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 principles including supporting systems and tools. Provide understanding of the ANSI/ESD S20.20.

- **Session 2: Terms and Definitions**
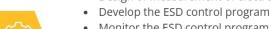Describe relevant terms and definitions that normally use improvement in quality and physics and related fields.

- **Session 3: ESD tools for monitoring**
Describe process to develop, implement and maintain the ESD meadurement.

- **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.

Exercise workshop will also be delivered in each key sessions

PREREQUISITES
Basic knowledge in ANSI/ESD S20.20 requirement is necessary. Experience in any industry will be more benefit.

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