

IPC-A-610 CIS/Operator

Certification, Recertification and Challenge Test



ISO 9001:2008
CERTIFIED

Overview

The IPC-A-610 Standard is an industry-recognized consensus document, which clearly defines the acceptance criteria for electronic assemblies. It is a pictorial guide displaying conditions and process results commonly found during the manufacturing of electronics. The current course is modular, allowing companies to select key areas for training their workforce. Students attending will receive detailed, paragraph by paragraph instructional guidance from Certified IPC Trainers. Completion of this course will enable students to fully understand and correctly identify the acceptability criteria of electronic assemblies as defined by the IPC-A-610 Standard.

Who Should Attend

This training program provides comprehensive data and information, which is directly applicable to work performed by assembly technicians, inspectors, assembly supervisors, rework technicians, and all personnel involved in the validation of quality processing of electronic assemblies.

Content

Modules 1 and 2 are prerequisites for all other modules in the course. Modules 3-9 are optional and are to be selected based on specific company requirements.

- Module 1: Introduction to the IPC Professional Policies and Procedures
- Module 2: Foreword, Applicable Documents and Handling of Electronic Assemblies
- Module 3: Hardware Installation
- Module 4: Soldering (including High Voltage)
- Module 5: Terminal Connections (prerequisite: Module 4)
- Module 6: Through-Hole Technology (prerequisite: Modules 4 and 8)
- Module 7: Surface Mount Assemblies (prerequisite: Modules 4 and 8)
- Module 8: Component Damage and Printed Circuit Boards and Assemblies
- Module 9: Solderless Wire Wrap

Benefits

- Students who successfully complete the CIS Certification Training Program and have demonstrated their ability to navigate and understand the IPC-A-610 document will be issued a CIS Certification which is valid for two years.
- Upon completion, candidates gain an understanding of the IPC-A-610.

Duration, Registration and Pricing

Contact the training center via any of the methods provided below for pricing.

- Certification and Recertification.....1-5 days (dependent upon modules selected)
- Challenge Test.....1 day



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