



## CLASS FORMATS:

In Person Training | Online Training | On-site Training

# THEORETICAL TRAINING IN THE ACCEPTANCE OF ELECTRONIC ASSEMBLIES

## Introduction to the IPC-A-610 Certification Course

IPC-A-610 Acceptability of Electronic Assemblies is the most widely used standard, published by the IPC. It provides visual acceptance criteria for post-assembly mechanical and soldering assembly requirements. This certification allows an individual to become a specialist in the acceptability of electronic assemblies based on topics such as soldering criteria, surface mounting criteria and jumper wire assembly requirements among others. The IPC-A-610 also has included the Lead-free Inspection & Soldering information with the latest technology changes.

### WHAT IS THE VALUE OF THE CERTIFICATION?

An IPC-A-610 Certification conveys that you have knowledge of, and conform to, industry standards when it comes to soldering components. With your certification, you can demonstrate to clients and employers that you

understand the quality requirements necessary for building reliable electronic assemblies. Benefits to receiving this certification may include building consistent products, improving cross-channel communications, and reducing costs.

### Duration: 4 Days

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### PURPOSE:

The training and certification have immediate recognition, legitimacy and value throughout the electronics industry. This certification will demonstrate your commitment to customer requirements and greatly assists any company dedicated to ISO-9000 or other quality assurance initiatives. The individuals will learn the internationally accepted Inspection standard for completed Printed Circuit Boards. When successfully completed this course, you will be awarded a serialized IPC Certificate, which aids in the traceability of the program. The training will increase your quality of workmanship. After successfully completing the program you will have the Title as CIS (Certified IPC Specialist).

### SUITED FOR:

The IPC-A-610 Specialist course is most suited to quality personnel especially inspectors and quality engineers and managers. It is relevant to anyone who will be responsible for the quality and the reliability of electronic and electrical assemblies including maintenance technicians, assembly operators, production supervisors, buyers, sales teams and process engineers.

### CONTENT:

In CIS (Certified IPC Specialist) training, module 1 & 2, Open & Closed book is pre-requisite for all modules. The 4 DAY training consists of the following modules.

- Module 1: Introduction IPC Policies and Procedures
- Module 2: Forward, Applicable Documents & Handling
- Module 3: Hardware Installation
- Module 4: Soldering
- Module 5: Terminal connections
- Module 6: Trough-hole technology
- Module 7: Surface-mount assemblies
- Module 8: Component damage, PCB's & assemblies
- Module 9: Wire Wrap.