



“Focus on Training for Excellence in Electronics Industry”

K B Soldering Technology Ltd

Certified IPC Trainer & Consultant



IPC-A-610 Acceptability of Electronic Assemblies CIS (Certified IPC Specialist) Training & Certification Programme.

Please Note: Courses Will Be Confirmed On A “First Call” Basis.

Note: This Course is Theory Only

Pre-requisite:

The student must have experience in production of electronic assemblies.

Course objective:

The objective of the IPC A-610 Application Specialist training course is to give each candidate the knowledge of the IPC 610 Acceptability of Electronic Assemblies, so that they may apply the standard within their company.

IPC-A-610 Acceptability of Electronic Assemblies is the most widely used standard published by the IPC. It has an international reputation as the source for end product acceptance criteria for consumer and high reliability printed wiring assemblies.

An industry developed and approved program that includes training, certification and instructional materials based on the IPC-A-610. This certification will demonstrate your commitment to customer requirements and greatly assists any company dedicated to ISO-9000 or other quality assurance initiatives.

This training and certification has immediate recognition, legitimacy and value throughout the electronics industry. Thousands of individuals have been trained to be IPC-A-610 Certified IPC Specialists. This is a comprehensive and technically accurate program.

Certification

The exam is a multiple-choice format. A score of 70% or above for each module is required for certification.

Everyone who successfully completes the IPC-A-610 Application Specialist Training and examination will receive the IPC-A-610 Application Specialist Certificate.

The certificate is valid for 2 years from the completion dates of the mandatory module(s) regardless of the date any further modules were taken.

Retesting

Any individual who fails to pass the IPC-A-610 Application Specialist Training and examination criteria shall on request be provided the opportunity to attempt a retest of the modules failed.

Scope of knowledge to be gained:

Knowledge of IPC Standard for faults and rectification, methods of soldering, and quality of finished product.

Modules required for certification:

Modules 1 and 2 are mandatory, plus at least one other module

All other modules are optional and can be completed within the two year certification

- Module 1 Introduction/IPC Professional Policies and Procedures
- Module 2 Foreword, Applicable Documents & Handling
- Module 3 Hardware Installation
- Module 4 Soldering (including High Voltage)
- Module 5 Terminal Connections (Requires Modules 4)
- Module 6 Through Hole Technology (Including TH Jumper Wires)
(Requires Modules 4 & 8)
- Module 7 Surface Mount Assemblies (including Jumper Wires)
(Requires Modules 4 & 8)
- Module 8 Component Damage and Printed Circuit Boards and Assemblies
- Module 9 Solderless Wire Wrap

Course Duration:

- 3 Days

Instructor:

- Keren Brunton CIT

What I Supply:

- Hard Copies of the standard are for training only
- Stationary
- Certificates

Facilities Required:

- Meeting room, with the following:
- Computer or Laptop per student, with internet/WiFi connection
- Projector or large monitor, with either HDMI or 15-pin VGA connector. If not available I can supply my own equipment

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