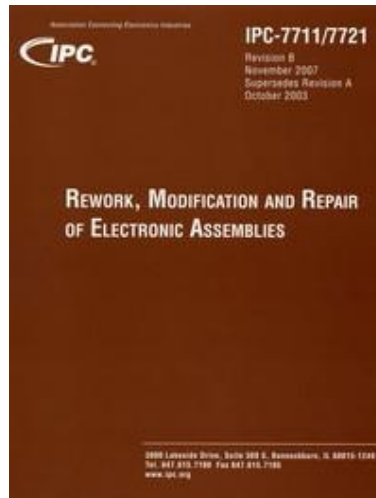




## **K B Soldering Technology Ltd**

**Certified IPC Trainer & Consultant**



### **IPC-7711/7721 Rework/Repair/Modification**

#### **CIS (Certified IPC Specialist) Training & Certification Programme.**

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

#### **Note: This Course is Theory and Practical**

#### **Pre-requisite:**

**Experience in production of electronic assemblies in addition to considerable experience in hand soldering.**

This widely used standard offers a wealth of industry-approved techniques on through-hole and surface-mount rework as well as land, conductor and laminate repair. It covers procedural requirements, tools, materials and methods for removing and replacing conformal coatings, surface mount and through-hole components. The standard also includes procedures for repairing and modifying boards and assemblies. In addition, there is lead free, BGAs and flexi-print repairs.

#### **Course objective:**

The objective of the IPC 7711/7721 Application Specialist training course is to provide hands-on instruction and training on specific modules in the IPC rework, repair and modification Standard.

#### **Certification**

Everyone who successfully completes the IPC 7711/7721 Application Specialist Training and examination will receive the IPC 7711/7721 Application Specialist Certificate. This certificate is valid for 2 years.

## **Retesting**

Any individual who fails to pass the IPC 7711/7721 Application Specialist Training and examination criteria shall on request be provided the opportunity to attempt a retest of the modules failed, not sooner than 24hrs or more than 90days after the initial test. An additional fee will be charged for any retests.

## **Scope of knowledge gained:**

Understanding of training relating to IPC Standard for faults, rectification, methods of soldering and quality of finished product. reworking; SOIC/ SOT J leg and QFP reworking; PCB laminate repair; conformal coating removal.

### **Modules required for certification:**

**Module 1 is mandatory and at least one other module.**

**All other modules are optional & can be completed within the 2 year certification period**

- Module 1: Policy and Procedures/Common Procedures
- Module 2: Wire Splicing
- Module 3: Through-Hole Components
- Module 4: Chip & MELF Components
- Module 5: Gull Wing Components
- Module 6: J-Lead Components
- Module 7: PCB Circuit Repair
- Module 8: Laminate Repair
- Module 9: Conformal Coating

**Course Duration:** 4 Days for all modules

**Instructor:** Keren E Brunton CIT

**What I Supply:** My own tools including soldering iron, microscope with camera & LCD. Hard Copies of IPC-7711/7721 for training only, stationary and certificates

**Facilities Required** Meeting room with:

- Projector, screen & laptop connection
- Flipchart
- Soldering Stations for Students