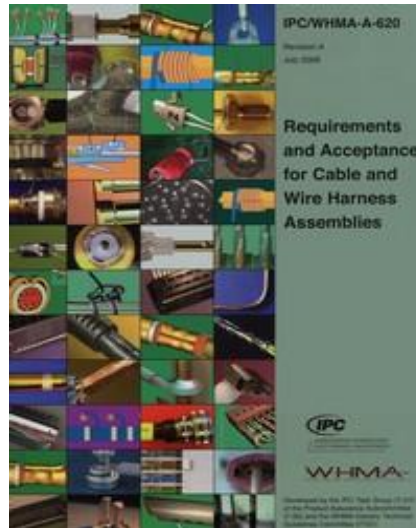




“Focus on Training for Excellence in Electronics Industry”

K B Soldering Technology Ltd

Certified IPC Trainer & Consultant



IPC/WHMA–A-620 Cable and Wire Harness 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:

Good knowledge of production processes, and experience of manufacture of cable loom and harness assembly are essential.

Course objective:

The objective of the IPC/WHMA–A-620 Application Specialist training course is to give each candidate the knowledge of the IPC/WHMA–A-620 standard, so that they may apply the Standard within their company. The aim of this training course is to aid understanding of procedures relating to IPC Standard for faults, rectification, methods of soldering and quality of finished product on Cable and Wire Harness Assemblies.

Certification

Testing will consist of multiple choice examinations. An average of 70% for each module or above is required for certification.

Everyone who successfully completes the IPC/WHMA–A-620 Application Specialist Training and examination will receive the IPC/WHMA–A-620 Application Specialist Certificate.

This certificate is valid for 2 years

Retesting

Any individual who fails to achieve 70% will result in retraining on failed modules. The individual 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 to be gained:

Knowledge of IPC Standards and quality of the finished product.

Modules required for certification:

- **Module 1 is mandatory and at least one other module.**
- **All other modules can be completed within the 2 year certification period**

Module 1 (Mandatory)

IPC Professional Policies and Procedures
Foreword
Cable/Wire Preparation
Measuring Cable Assemblies and Wires
Testing Cable Assemblies

2. (Optional)

Crimp Terminations
Insulation Displacement Connections (IDC)

3. (Optional)

Soldered Terminations

4. (Optional)

Connectorization
Moulding/Potting

5. (Optional)

Splices

6. (Optional)

Marking and Labelling
Wire Bundle Securing
Shielding
Cable/Wire Harness Protective Coverings

7. (Optional)

Coaxial and Twin axial Cable Assemblies

8. (Optional)

Solderless Wire Wrap

Course Duration: 4 Days for all modules

Instructor: Keren E Brunton CIT

What I Supply: Hard Copies of the IPC/WHMA–A-620 for training only, stationary and certificates

Facilities Required: Meeting room with:

- Projector & screen or LCD, both with laptop connections, if not available I can supply my own equipment.
- Flipchart