

Syllabus C5 Hand Soldering Techniques

Recognition & avoidance of common soldering faults

General handling procedures

Conformal coatings

Inspection to IPC 610

Practical Work

Fitting & removal of components to various types of PCBs

i.e. single/double sided-surface mount and plated through hole PCBs

Making a solder joint

Simple axial leaded components

Semiconductors

Integrated circuits

Component replacement

Methods of de-soldering and the types of equipment available, followed by replacement of all components previously fitted

Surface mounted devices:

Techniques of hand soldering SMDs

Course Duration 2 days

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