

Training & Certification to IPC-A-610 Revision E

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

A program based on industry consensus that includes training, certification and instructional materials for the IPC-A-610 is available. Certification will demonstrate your commitment to customer requirements and greatly assists any company dedicated to quality assurance initiatives.

The IPC training and certification has immediate recognition, legitimacy and value with thousands worldwide having been trained and certified as IPC-A-610 Certified IPC Trainers. A comprehensive and technical program, the IPC-A-610 Training and Certification provides trainers with high quality materials and detailed instructions plans for training Application Specialists from assembly operators, quality, inspection, buyers, sales personnel and management.

How the program works:

The program has two tiers of instruction. Trainer candidates receive intensive training on the IPC-A-610 at an IPC Approved Centre. Candidates are certified after successful completion of the course and provided with instructional materials for training Application Specialists (Certified IPC Specialists - CIS) in a modular program.

IPC-A-610 Instructor Training Course Topics:

- Establishing and maintaining integrity of the certification program
- Purpose and application of IPC-A-610
- Hardware installation
- Soldering criteria, including lead free connections
- Soldered requirements for connecting to terminals
- Soldered connection requirements for plated-through holes
- Surface mounting criteria for chip components, leadless and leaded chip carriers
- Swaged hardware, and heatsink requirements of mechanical assemblies
- Component mounting criteria for DIPS, socket pins, and card edge connectors
- Jumper wire assembly requirements
- Solder fillet dimensional criteria for all major SMT component groups
- Soldering, such as tombstoning, dewetting, voiding, etc
- Criteria for component damage, laminate conditions, cleaning and coating
- Steps to effectively using the lesson plan and materials, tips on inspection and a review of important Certified IPC Trainer skills

Who Should Become an IPC-A-610 Certified IPC Trainer ?

Anyone responsible for the quality and reliability of electronic assemblies should consider becoming an instructor. Trainers and quality supervisors versed in electronic assembly are excellent candidates as are engineering and manufacturing supervisors with assembly responsibilities.

Program Benefits:

An IPC-sponsored program to support commitment to continuous improvement of product quality and reliability. The program provides internationally recognised credentials in the understanding of IPC-A-610 Acceptability of Electronic Assemblies.

Certified IPC A-610 Trainers (formerly termed Class "A" Instructors) receive materials for conducting Certified IPC Application Specialist (CIS) training and certification including:

- Instructor Guide
- Course Visuals, Forms and Reports on CD
- IPC-A-610 Standard and IPC-T-50 (Terms and Definitions)
- Application Specialist Exam Kit (15 sets)
- IPC Certificate of Course Completion

Additional Application Specialist training and certification materials can be purchased from IPC or Approved Centres **only** by an IPC-A-610 Certified IPC Trainer . Trainers may teach the course at any location and set a training fee if applicable.

The certification term for an IPC-A-610 Certified IPC Trainer (CIT) is two years. Re-certification is available at IPC A-610 Authorised Training & Certification Centres.

FEES:

The fee for the IPC-A-610 Instructor 4 day course includes all materials for the course, lunches and refreshments each day and (after successful completion of the course) the IPC-A-610 Registered Instructors Kit.

CIT Course Fee: AUD\$2,750 SMCBA Members Discount: \$250

Certified IPC Specialist (CIS) Course Fee: AU\$950 SMCBA Members Discount: \$150

NEXT CIT COURSE in Melbourne: November 16 to 19, 2010

CIS Course: November 16 to 18, 2010

COURSE LOCATION:

SMCBA Office at 87A Chadstone Road, Malvern East Victoria 3145

All enquiries to Andrew Pollock on 61 3 9568 0599 or email pollocka@smcba.asn.au

**IPC-A-610 TRAINING AND CERTIFICATION
REGISTRATION FORM:**

Name: _____
Position: _____
Company: _____
Address: _____
_____ Postcode: _____
Phone: _____ Fax: _____
Email: _____

***Fax Registrations to
the SMCBA:***

Fax No: 03 9568 0622

Int'l: 61 3 9568 0622

All enquiries to
Andrew Pollock on
Phone 61 3 9568 0599

Please accept my registration for the IPC-A-610 Certified IPC Trainer Training & Certification:

_____ November 16 to 19, 2010

Fee exc gst: AUD\$2,750 Non Members \$2,500 for SMCBA members
Fee includes 4 days tuition, all course materials, lunches and refreshments each day and
(after successful completion of the course) the IPC-A-610 CIT (Registered Instructors) Kit.

Fee Payable: \$ _____ (SMCBA ABN: 61 228 055 453)

Fax your registration to (03) 9568 0622 then return with your payment to the
SMCBA, PO Box 3140, Murrumbeena VIC 3163

Banking details for funds transfer:

Bank: National Australia Bank

Address: 271 Collins Street, Melbourne VIC 3000

BSB Number: 083-004

Account Name: The Surface Mount & Circuit Board Ass Inc

Account Number: 50635-3532

**NB: Your place on the course will be confirmed upon receipt of payment.
Please send payment advice to fax 61 3 9568 0622.**

**IPC-A-610 TRAINING AND CERTIFICATION
REGISTRATION FORM:**

Name: _____
Position: _____
Company: _____
Address: _____
_____ Postcode: _____
Phone: _____ Fax: _____
Email: _____

***Fax Registrations to
the SMCBA:***

Fax No: 03 9568 0622

Int'l: 61 3 9568 0622

All enquiries to
Andrew Pollock on
Phone 61 3 9568 0599

Please accept my registration for the IPC-A-610 Certified IPC Specialist Training & Certification:

_____ **November 16 to 18, 2010**

Fee exc gst: AUD\$950 Non Members \$800 for SMCBA members
Fee includes 3 days tuition, all course materials, lunches and refreshments each day.

Fee Payable: \$ _____ (SMCBA ABN: 61 228 055 453)

Fax your registration to (03) 9568 0622 then return with your payment to the
SMCBA, PO Box 3140, Murrumbeena VIC 3163

Banking details for funds transfer:

Bank: National Australia Bank

Address: 383 Centre Road, Bentleigh VIC 3164

BSB Number: 083-004

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