

IPC'S 7711/7721 TRAINING & CERTIFICATION REWORK...REPAIR... & REMAIN COMPETITIVE

The printed circuit board is loaded with expensive components...and it does not work! There is no starting over, and the choices seem ominous: scrap it or send it out. Either way, it's going to cost you. Do you have a third option? IPC's Rework, Repair and Modification Training and Certification Program offers your company the money-saving alternative: fix it yourself to IPC standards!

This train-the-trainer program teaches industry-approved techniques on through hole and surface mount rework, land, conductor and laminate repair. It also provides a flexible, highly skills-oriented training program with teaching materials that enable a qualified representative from your company to train operators on a variety of procedures from the IPC-7711/7721 Rework of Electronic Assemblies, Repair and Modification of Printed Boards and Electronic Assemblies.

CERTIFIED IPC TRAINERS - BRINGING REWORK & REPAIR TRAINING TO YOUR COMPANY

Companies participating in IPC's Rework, Repair and Modification Training and Certification Program send candidates to Approved IPC-7711/7721 Training Centers for forty hours of intensive, hands-on instruction. Candidates who pass the classroom exam and skills demonstrations are recognised by IPC as 7711/21 Certified IPC Trainers and leave with a lesson plan, visuals and materials for training Application Specialists (operators) on up to nine different assembly rework and repair modules. Certified IPC Trainers are certified for two years.

Certified IPC Trainer training covers common rework and repair techniques. Application Specialist training is modular and only the introductory module, Common Procedures, is a required element. Other Application Specialist level modules are taught based on a company's needs. Application Specialists are certified for two years for each module taken.

TRAINING TOPICS INCLUDE:

- Product classifications, skill levels, tools and materials
- Basic surface mount and through hole component removal
- Land preparation and component installation
- Primary heating methods: conductive, convective, etc.
- Handling electronic assemblies
- Wire splicing procedures
- Through hole component removal and installation
- Chip and MELF rework procedures
- SOIC/SOT, J-lead and QFP rework
- Printed wiring board circuit and laminate repair
- Conformal coating removal

Who Should become a Trainer? While there are no formal entrance requirements, Certified IPC Trainer candidates must have excellent soldering skills and an ability to impart knowledge. Training, manufacturing and quality assurance supervisors with considerable experience in both teaching and assembly rework procedures are strongly encouraged to receive this certification.

**THE BENEFITS OF CERTIFICATION:
WHAT'S IN IT FOR YOU AND YOUR COMPANY?**

Internationally recognised certification, the savings, the skills improvement and the materials. This program provides Certified IPC Trainers and their companies with a valuable industry-recognized credential. Clearly, the greatest asset of this program can be measured in dollars saved on restoring very expensive electronics assemblies. IPC-7711/7721 Certified IPC Trainers also receive teaching materials for conducting all the modules of Application Specialist training.

These materials include:

- * A copy of the industry standards IPC-7711/7721B Rework of Electronic Assemblies, Repair and Modification of Printed Boards and Electronic Assemblies
- * A CD with full colour teaching visuals, artwork for test/practice kits, student manual files, report and assessment forms, answer keys etc
- * Handbook for CIS (Application Specialist Training)
- * Equipment parts list and artwork for test/practice kits
- * Open book exams on "Common Procedures"
- * Full set of color visuals on CD

Certified IPC Application Specialist materials and Certificates of Completion can be purchased from IPC or Approved Centres **only** by IPC-7711/7721 Certified IPC Trainers.

**The certification term for IPC-7711/7721 Certified IPC Trainers is two years.
Re-certification is available at IPC Authorised 7711/21 Training Centres.**

FEES:

The fee for the IPC-7711/7721 Certified IPC Trainer 5 day course includes all materials for the COURSE, lunches and refreshments each day and (after successful completion of the course) the IPC-7711/7721 Certified IPC Trainers Kit.

CIT Course Fee exc gst: AUD\$3,500
SMCBA Members Discount: \$300

CIS Course Fee rework and repair: \$1500 SMCBA Members Discount: \$300
CIS Course Fee rework only (3days): \$1000 SMCBA Members Discount: \$150

**NEXT COURSE: February 27 to March 2, 2012
7711 CIS Rework only: February 27 to 29, 2012**

COURSE LOCATION:

SMCBA Office at 430B Waverley Road, Malvern East Victoria 3145

All enquiries to Andrew Pollock on 61 3 9571 2200 or email pollocka@smcba.asn.au

**IPC-7711/21 TRAINING AND CERTIFICATION - CIT LEVEL
REGISTRATION FORM:**

Name: _____
Position: _____
Company: _____
Address: _____

Postcode: _____
Phone: _____ Fax: _____
Email: _____

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

Fax No: 03 9571 3300

Int'l: 61 3 9571 3300

All enquiries to
Andrew Pollock on
Phone 03 9571 2200

Please accept my registration for the IPC-7711/21 Certified IPC Trainer Course:

_____ **October 24 to 28, 2011**

Fee exc gst: AUD\$3,500 Non Members \$3,200 for SMCBA Members
Fee includes 5 days tuition, all course materials, lunches and refreshments each day and
(after successful completion of the course) the IPC-7711/21 Certified IPC Trainers Kit

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

Fax your registration to (03) 9571 3300 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: 083-548

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 9571 3300 or email to
pollocka@smcba.asn.au**

**IPC-7711/21 CIS TRAINING AND CERTIFICATION
REGISTRATION FORM:**

Name: _____

Position: _____

Company: _____

Address: _____

_____ Postcode: _____

Phone: _____ Fax: _____

Email: _____

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

Fax No: 03 9571 3300

Int'l: 61 3 9571 3300

***All enquiries to
Andrew Pollock on***

Phone 61 3 9571 2200

Please accept my registration for the IPC-7711 and 7721 Certified IPC Specialist Training:

_____ **Melbourne - October 24 to 28, 2011**

Fee exc gst: AUD\$1500 Non Members \$1200 for SMCBA members

Fee includes 5 days tuition, all course materials, lunches and refreshments each day.

Please accept my registration for the IPC-7711 (rework only) Certified IPC Specialist Training:

_____ **Melbourne - October 24 to 26, 2011**

Fee exc gst: AUD\$1000 Non Members \$850 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) 9571 3300 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*

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 9571 3300 or by email to
pollocka@smcba.asn.au**