

IPC's J-STD-001 TRAINING AND CERTIFICATION PROGRAM

TRAINING CONDUCTED TO NEW REVISION E

The J-STD-001 "Requirements for Soldered Electrical and Electronic Assemblies" has emerged as the preeminent authority for electronics assembly manufacturing. The standard describes materials, methods and verification criteria for producing high quality soldered interconnections. The standard emphasizes process control and sets industry-consensus requirements for a broad range of electronic products.

IPC has received hundreds of requests from companies worldwide to support this critical standard with a formal training program that recognizes individuals as qualified instructors and provides them with teaching materials.

Now, IPC has a comprehensive, hands-on solder training and certification program based on J-STD-001 that gives companies all the tools they need to increase employee skills and performance.

HOW THE CERTIFICATION PROGRAM WORKS

IPC's J-STD-001 Training and Certification Program is built on a train-the-trainer instructional model. A company seeking to create an "IPC J-STD-001 Certified IPC Trainer" sends its candidate to an "IPC-Approved J-STD-001 Certification Centre." The training program uses soldering labs and demonstrations as well as classroom instruction to teach the standard criteria.

Candidates who successfully complete the soldering workmanship portions of the course and the certification examination are given the instructional materials needed for training operators. The operator training is "modularized", meaning that training on the entire document is not required. Operators must be trained on the introductory section, and then may be trained (according to needs) on other modules covering: wires and terminals, through hole technology, surface mount technology and inspection.

IPC's J-STD-001 Training and Certification Program provides individuals with a valuable and portable, internationally recognised credential.

PROGRAM BENEFITS

Those interested in company-wide quality assurance initiatives for their people have an IPC-sponsored program to support a commitment to continuous operational and product improvement. IPC recognition sends a strong message to customers that your company is serious about quality assurance and continuous process and product improvement.

All IPC J-STD-001 Certified IPC Trainers receive the instructional materials for teaching the Operator Proficiency training course, including:

- * Course visuals on CD
- * An instructor guide for conducting all the Operator Proficiency training modules.
- * Open and closed book examinations (15 of each) for the Operator Proficiency Training Modules.
- * Copies of the J-STD-001 through 006, a copy of the J-STD-001 Handbook (IPC-HDBK-001) and the IPC-9191 "Guidelines for Implementation of SPC"

- *Artwork for soldering test boards. Kits based on this artwork are recommended for Operator Proficiency soldering demonstrations.
- *IPC certificate of course completion

Certified IPC Specialist (CIS) materials, including student handbooks and certificates, can be purchased from IPC or Approved Centres **only** by Certified IPC Trainers. Certified IPC Trainers may teach the course at any location and set a training fee, if applicable.

WHO SHOULD BECOME AN IPC J-STD-001 CERTIFIED IPC TRAINER?

Assembly process engineers, quality assurance supervisors, training managers and others responsible for the quality and reliability of soldered electronic assemblies are excellent candidates for the program.

Any company that uses J-STD-001 or is considering its adoption can use the program to address training requirements for its people.

Prospective Registered Instructors should have experience not only in soldering, but ideally in training as well.

TOPICS COVERED IN THE J-STD-001 CERTIFIED IPC TRAINER COURSE

- * Instructional skills and the roles and responsibilities of Registered Instructors.
- * General requirements, such as safety, tools and electrostatic discharge (ESD).
- * Wire and terminal assembly requirements, demonstrations and laboratory.
- * Through hole technology requirements, demonstrations and laboratory.
- * Surface mount technology requirements, demonstrations and laboratory.
- * General soldered connection acceptance requirements.
- * Machine and reflow soldering process requirements.
- * Test methods and related standards.
- * Using statistical process control methodologies

**The certification term for IPC J-STD-001 Certified IPC Trainers is two years.
Re-certification training will be available at IPC Authorised J-STD-001 Training and Certification Centres.**

FEES:

The fee for the J-STD-001 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 J-STD-001 Registered Instructors Kit.

<i>CIT Course Fee:</i> AUD\$3,500	SMCBA Members Discount: \$300
<i>CIS Course Fee:</i> AUD\$1,500	SMCBA Members Discount: \$300

NEXT COURSE: October 17 to 21, 2011

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-J-STD-001 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 03 9568 0599

Please accept my registration for the IPC-J-STD-001 Certified IPC Trainer Course:

_____ **October 17 to 21, 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-J-STD-001 Certified IPC Trainer 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: 083-548

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 9568 0622.**

*The IPC Authorised Training and Certification Centre established by the SMCBA has been supported by the
Department of Communications, Information Technology & The Arts and the Test-IT Program.*

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REGISTRATION FORM:**

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

***Fax Registrations to
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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 J-STD-001 Certified IPC Specialist Training & Certification:

_____ **October 17 to 21, 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.

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

Account Name: The Surface Mount & Circuit Board Ass Inc

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