

IPC/WHMA-A-620 Requirements & Acceptance for Cable & Wire Harness Assemblies -

IPC/WHMA-A-620 Requirements and Acceptance for Cable and Wire Harness Assemblies, is modelled after IPC-A-610; IPC's most widely used standard with an international reputation as THE source for end product acceptance criteria for consumer and high reliability printed circuit board assemblies.

IPC/WHMA-A-620 is the first industry consensus standard for cable and wire harness fabrication and installation. Classes of products are defined and include criteria for Target, Acceptable, Process Indicator and Defect conditions to support the collection of visual quality acceptability requirements for each class. This criteria is supported by 500 full-colour illustrations.

Developed during a three year process by members from 86 user and supplier companies, it represents a consensus among industry leaders. The IPC Wire Harness Acceptability Task Group of the Product Assurance Committee and the Wire Harness Manufacturers' Association Industry Technical Guidelines Committee prepared this standard.

IPC/WHMA-A-620 describes acceptability criteria for crimped, mechanically secured and soldered interconnection and the corresponding lacing/restraining criteria associated with cable and harness assemblies.

It can be used as a stand alone document for purchasing product or to support your ISO certification documentation requirements.

The IPC-A-620 Training and Certification course is conducted over three days and includes the following topics:

- Cable and wire dimensioning, tolerances and preparation
 - Crimp terminations:
 - Stamped and formed contacts
 - Machined contacts
 - Insulation displacement connections
 - Ultrasonic welding
 - Soldered terminations
 - Splices
 - Connectorisation
 - Moulding and potting
 - Marking and labelling
 - Co-axial and twin-axial assembly
 - Wire bundle securing
 - Shielding
 - Installation
 - Wire wrap (solderless)
- Testing of Cable/Wire Harness Assemblies

Successful completion of this course will provide you with **IPC Certification** which demonstrates commitment to customer requirements and greatly facilitates certification to ISO Certification or other quality assurance initiatives. By having earned this portable credential, you'll receive immediate recognition, legitimacy and value throughout the electronics industry.

Training and Certification Levels:

There are two levels of training available: Certified IPC Trainer (CIT) for the IPC/WHMA-A-620 or Certified IPC Application Specialist (CIS) (operators)

Successful CIT applicants will receive a kit to conduct CIS level training.

**IPC/WHMA-A-620 TRAINING AND CERTIFICATION
CIT LEVEL 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/WHMA-A-620 Certified IPC Trainer Certification:

_____ **Melbourne - May 2, 3 and 4, 2011**

Venue: SMCBA, 87A Chadstone Road, Malvern East VIC 3145

Fee: AUD\$2,750 plus gst (\$250 discount for SMCBA members)

Fee includes tuition, all course materials, lunches and refreshments each day and
(after successful completion of the course) the IPC-A-600 CIT 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: 383 Centre Road, Bentleigh 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 9568 0622.**

**IPC/WHMA-A-620 TRAINING AND CERTIFICATION
CIS LEVEL 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-600 Certified IPC Specialist Training & Certification:

_____ **Melbourne - May 2, 3 and 4, 2011**

Venue: SMCBA, 87A Chadstone Road, Malvern East VIC 3145

Fee exc gst: AUD\$950 Non Members \$800 for SMCBA members
Fee includes 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
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