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■ **PIEK TRAINING AND CERTIFICATION**

- **PCB DESIGN**
- **PCB FABRICATION**
- **PCB ASSEMBLY**
- **PCB REPAIR AND REWORK**
- **CABLE AND WIRING TECHNIQUES**
- **SPECIAL TRAINING PROGRAMS**

■ **CONSULTANCY**

- **TEST CENTER FOR PB'S/PBA'S**
- **VALIDATION SERVICES**
- **QUALIFICATION SERVICES**

IPC CERTIFICATION AND VALIDATION CENTER





PIEK, THE PREFERRED PARTNER TO THE ELECTRONIC INTERCONNECTION INDUSTRY

PIEK is the number one, internationally active education and certification institute for the electronics industry. All over the world PIEK offers tailor-made courses for employees working on electronic modules and printed circuit boards. PIEK is the training, validation and certification partner of choice for PB & PBA production companies, hardware design companies and repair companies, for the medical and automotive sectors, for aviation and for defence, and for many other companies active in developing, producing and integrating electronics.



QUALITY AND CUSTOMER SATISFACTION

Quality is PIEK's top priority, and it is reflected in the high marks for customer satisfaction and appreciation. Every year customer satisfaction is measured by an independent organisation, and PIEK's scores are continuously very high. On our website you can view some customer feedback.

COOPERATION WITH PARTNERS

For many years PIEK has cooperated closely with the main producers of equipment used in the electronics industry. This allows staff to work with the most up-to-date equipment during the courses.

INTERNATIONAL AND INDEPENDENT

PIEK's instructors have ample international experience, speak multiple languages and are independent experts. This independence ensures that PIEK's instructors are asked for assistance in all possible fields of the electronic interconnection industry. A customer never risks getting an instructor working for the competition.



MORE THAN AN EDUCATIONAL CENTRE

PIEK is more than an educational centre. You can also turn to PIEK for:

- **PIEK COURSES AND CERTIFICATIONS**

PIEK gives all IPC courses, in the field of PB Design, PB Production, PB Assembly, PB Repair and Rework, Cable and Wire technology, and various specialist IPC follow-on courses known as PIEK tailor-made courses. All these courses can be given at your own company location or at PIEK's Heerlen head office. Besides, PIEK also has regional locations in various countries where courses are given.

- **CONSULTANCY**

PIEK can provide a second opinion in case of a dispute with a buyer or supplier.

- **TEST CENTRE FOR PBs/PBAs**

We test PBs and PBAs on the basis of the relevant IPC criteria.

- **IPC VALIDATION SERVICES**

PIEK is one of the few IPC educational centres authorized to offer validation services.

- **QUALIFICATION SERVICES**

PIEK offers audit programmes in the following fields: production, logistics, processes and management.

WHAT IS IPC?

IPC, Association Connecting Electronics Industries®, is the global partner for the electronic interconnection industry. Together with the industry IPC develops standards for the electronic interconnection industry. These standards relate to courses, quality and safety. IPC certification stands for an excellent product.

RANGE OF IPC COURSES

PIEK's range of courses includes the following IPC certifications and recertifications:

- IPC Certified Interconnect Designer CID
- IPC Certified Interconnect Advanced Designer CID+
- IPC-A-600
- IPC-6012 incl. Space
- IPC-A-610
- IPC-J-STD-001 incl. Space
- IPC-7711/7721
- IPC/WHMA-A-620

Besides these PIEK also offers follow-on courses, the so-called PIEK courses. These provide more in-depth or cross-over training on top of the standard IPC course.

IPC CERTIFICATIONS AND RECERTIFICATIONS

PIEK has over 50 years of experience educating staff in the electronic interconnection industry. Worldwide PIEK is one of the few educational centres authorized to execute all IPC certifications and recertifications. You can even go to PIEK for IPC-6012 certification and for specialist and trainer certification for aerospace products.



IPC VALIDATION SERVICE

PIEK is one of the few IPC education centres authorized to offer IPC validation service. This service is both material-oriented and process-oriented, or in other words QPL (Qualified Products List) and QML (Qualified Manufacturers List). By making use of this certification organisations get a competitive advantage.

THE QPL AND QML PROGRAMMES

WITH QPL YOU:

- Have easy access to a list of qualified products
- Save time in selecting materials
- Have direct access to product-specific information, including test reports of the product in question.

WITH QML YOU:

- Have easy access to the list of certified suppliers, sorted on geographical location
- Reduce manufacturer-related quality issues
- Reduce audit costs

THE QML PROGRAMME CERTIFIES TO THE FOLLOWING IPC STANDARDS:

- IPC J-STD-001/IPC-A-610/IPC Standards (Requirements for Acceptability of Soldered Electrical and Electronic Assemblies) plus IPC J-STD-001S Space Applications Electronic Hardware Addendum
- IPC-6012 Qualification and Performance Specification for Rigid Printed Boards
- IPC/WHMA-A-620 Requirements and Acceptance for Cable and Wire Harness Assemblies





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