



Global Tech Sales & Services

Service, Sales, Parts and Engineering Solutions to the Industry

Fine Pitch Printing and Applications

This course will provide the student the basic knowledge, the practice and experience, required on printing PCB's with Fine Pitch devices, Stencils design, machine vision systems, and closing with Reflow Oven operation and control.

This seminar includes the necessary practice on the machines, to complement each of the theory phases. The student will be familiar with solder and flux characteristics, processes and controls. Our courses and seminars offer a valuable practical achievement, following the PBET standards. Each participant, after satisfactory completion of all course objectives, will receive a Competence Certificate.

Objectives: Utilizing a Screen Printing Machine, Reflow Oven, tools, documentation, PCB's, stencils, solder paste, any other complementary instruments or articles, as well as the Instructor's demonstration, the student should:

- Follow manufacturer safety standards.
- Identify the four elements for stencil printing.
- Utilize machine options and devices.
- Know solder paste specifications.
- Know solder paste adequate handling.
- Handle stencils design.
- Know printed circuit boards characteristics (PCB's).
- Know the adhesive printing process.
- Handle all parameters for solder paste printing.
- Utilize printing machine vision systems.
- Perform machines setup.
- Detect, resolve and prevent problems.
- Terminology.

The Student should develop these functions according to MPM standards. Some of the options or functions will depend of equipment type.

Pre-requisites: SMT Printing Machine handling experience, or previously taken the Printing Machines Operation and Programming

Duration: 4-5 Days

Schedule: Flexible