

Wave Solder Process Training

Course Number ETS0002

Scope:

The Aim of this training is to provide an understanding of each area of the Wave Solder Process and how each interacts with the others.

Target Audience:

Technicians, Process Engineers, Quality personnel. The main beneficiary will be the person who sets up the wave solder machine.

3 persons Max per course.

Duration:

2 Day

Pre-Requisites:

No process experience is necessary. Trainees should have technical background and the ability to identify process defects.

Equipment:

Training will take place both on the Shopfloor and in a classroom environment. The classroom should have a projector or large monitor suitable to serve 3 persons.

Sufficient product should be available to make the training effective

COURSE STRUCTURE

Day 1

History of Wave Soldering (*Classroom*)

Process Overview (*Classroom*)

Machine Overview

- Conveyor
- Fluxer
- Pre Heat
- Solder Pot
- Wave Dynamics
- Back Flow
- Cooling

Process Requirements (*Classroom*)

- Flux Type
- Pre Heat
- Contact Time
- Product Limitations

Day 2

Measurement Techniques

- Practical Process Set Up and measurement
- Variation / Stability

Interactions between Variables

Process Monitoring Techniques (*Classroom*)

Maintaining a Stable Process

Test (*Classroom*)

Training Review (*Classroom*)
