

SKILL DEVELOPMENT TRAINING PROGRAMS

Global Electronics Assn Sdn Bhd
(IPC Training Centre)

NCER Technology Innovation Centre (NTIC)
Level 1 - Lot 05-06, Plot 36, Hilir Sungai Keluang, 2, Phase 4,
Bayan Lepas Industrial Park, 11900 Bayan Lepas, Penang, Malaysia

ZERO-DEFECT HAND SOLDERING



Details: Zero Defect Soldering' course is aimed at achieving acceptable solder joints in the electronic assemblies by addressing various operations involved.

The syllabus covers the Process, Tools and Material related causes and remedies during Handling, Storage, Pre-assembly, During Assembly and Post Assembly stages which possibly may contribute in defective Soldering.

Who can Participate

Soldering Technician
Supervisor

Mode of Training

Instructor-led, hands-on practical training is available through In-house/Live programs.

Instructor

Master IPC Trainer (MIT) or
Certified IPC Trainer (CIT)

Benefits of Participation

Defect free assembly
Improved Productivity
Reduced Warranty Failures
Improved Customer Satisfaction

Companies to attend

Suppliers to Defence, Aerospace, Automotive,
Medical & Industrial

SYLLABUS

Zero defect introduction/Overview	Soldering defects
Material and process selection	Soldering defects and remedies
Handling, storage of ESDS	Defects and remedies – Hand soldering
Handling, storage of MSD	Defects and remedies – SMD
Factors attributing to soldering defects	Defects and remedies – Wave soldering
Resistance soldering	Defects and remedies – Robotic Soldering
Induction soldering	Defects and remedies – Selective Soldering
Soldering defects/Anomalies	Demo Soldering Video
Prevention of Soldering defects/Anomalies	

Duration: Full day

Schedule for Zero Defect Soldering

Session No	Session Name		Description
1	Introduction		Introduction of participants and IPC Standards
	Overview		General overview of the course
2	a. Factors attributing to Soldering Defects b. Prevention of Soldering Defects/ Anomalies		Presentation and Video
3	Practical	Student practice	Hand on Practice including demo
			Q&A and Summarizing

IMPORTANT NOTES

- 100% payment to be made before 7 working days of the course commencement
- Minimum 10 & maximum 15 candidates/batch
- Company will share candidates name & details (as per Global Electronics Association format) 7 days in advance before commencement of the course
- Session can be organized on Weekend
- Participation certificate will be provided to the candidates after the completion of training program

Price

Non Member

RM 1,650.00

Member

RM 1540

For discounts, please connect

Dr. Raneer Ramya

Country Manager

raneeramya@electronics.org | +60 17-560 2171

www.electronics.org/SEA-Training-Calendar-Malaysia