Global Electronics Association™

Electronics Workforce Skilling Program

REWORK & REPAIR

Manufacturers and assemblers that want to realize dramatic cost savings by repairing and reworking electronic assemblies and printed circuit boards agree on the benefits of Rework, Modification and Repair of Electronic Assemblies. This program covers industry-approved techniques on through-hole and surface-mount rework as well as jumper connections. It covers procedural requirements, tools, materials and methods for removing and replacing conformal coatings, surface mount and through-hole components

Who can Participate

Operators/Newcomers engaged in Rework, Modification and Repair of Electronic Assemblies

Mode of Training

Instructor-led hands-on practical training

Instructor

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

Syllabus: Rework & Repair

The workshop is organized into Theory and hands on practical

Benefits of Participation

This course will highlight fundamentals of rework and repair. Participants will be exposed to different methods of replacing components and circuit modifications. Participants will also be exposed to different tools used for rework of components.

Certificate

Participation Certificate will be provided to the Company with Individuals name at the end of the program

Session 1:

- Classification of products
- Definitions of Terminology
- Materials and tools used.
- Tool care and soldering iron tip care
- General methods of desoldering and soldering
- Cleaning

Session 2:

- General techniques of through hole component rework
- Acceptability Requirements
- Hands-on on through hole rework
- Q & A on day's content

Session 3:

- General Techniques for rework of chip components
- General techniques for rework of SOIC and QFP
- Acceptability Requirements
- Hands-on on chip, SOIC and OFP rework

Session 4:

- Jumper connections
- Conformal coating removal/replacement
- Acceptability Requirements
- Hands-on on jumper connections
- Q & A on day's content

Duration: 2 Full Day

Schedule for Rework and Repair

Session No	Description
1	Registration andintroduction of participants
	General overview of the course
	Presentation
2	Presentation and Hands On – Through hole components
	Q & A on day's content
Day 2	
3	Presentation and Hands On – Basic SMT components
4	**Presentation** • Jumper connections • Conformal coating removal/replacement Hands On – Jumper wire connections
	Q&A and Summarizing

IMPORTANT NOTES

- GST applicable at 18% on the quoted price
- 100% payment to be made before 7 working days of the course commencement
- Minimum 10 & maximum 20 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 Saturdays
- Participation Certificate shall be provided to the candidates on Global Electronics Association India letterhead
- For In-house Training, Travelling charges to and fro and stay of trainer should be booked by members only

For more information, please reach out to:

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