

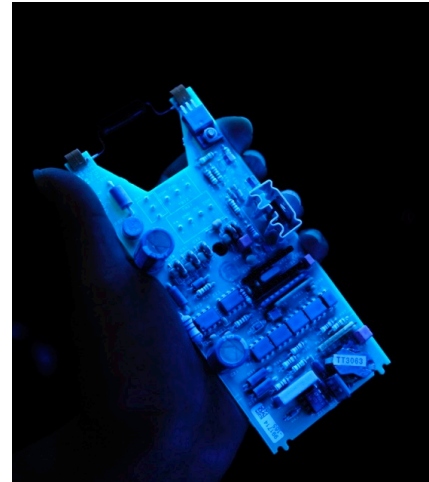
# NEXUS

## Coating Training Packages

Training is available for all areas of conformal coating and Parylene.

The training courses can be made up of many topics including:

- Basic understanding
- Equipment & material selection
- Troubleshooting and Problem solving
- Process development
- Inspection and standards



Nexus can run both wet liquid conformal coating and Parylene training courses at the customer facilities or a mutually convenient venue.

The training course can be tailored to customer needs with materials, practical sessions, videos and samples added where required.

Typical areas of coating training include:

### **Basic Concepts**

- Definitions of what a conformal coating is
- What conformal coating actually does?
- Why use conformal coating?
- Types of chemistry and technology

### **Selection of Process**

- How to select a coating process fit for purpose
- Standards & Specifications

### **Application Techniques**

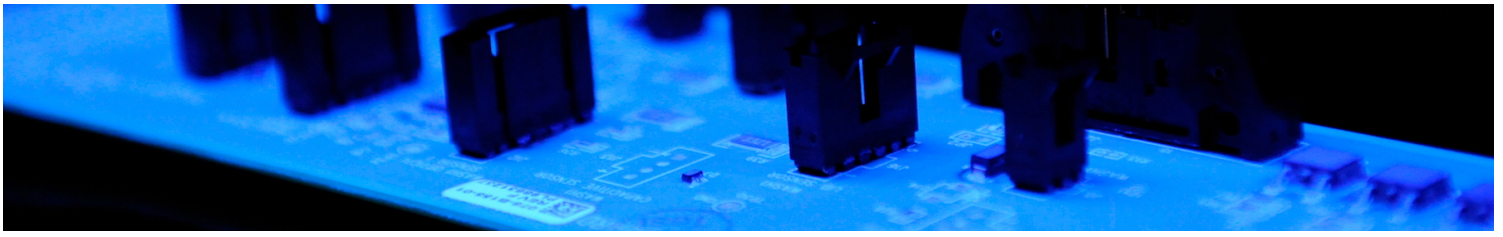
- Comparison of all Conformal coating methods processes

### **Quality Control & Inspection**

- Analysis of IPC Standards for production, NPI & design
- Developing In house Inspection Standards

### **Process Control**

- Measuring the coating process



- Coating fluid behaviour
  - Curing and drying
- Troubleshooting**
- Examining the majority of conformal Coating problems found
  - Understanding why the problems occur and how to resolve the problems
- Coating Repair**
- Techniques available for removal and repair
- Legislation and Standards**
- A review of current standards and legislation
  - How legislation impacts on current conformal coating processing
- Cleaning and Coating**
- Clean or No Clean?
  - Eliminating or introducing cleaning
  - Cleaning process problems
  - Adhesion and cleaning
- Cost of coating assemblies**
- Cost of coating assemblies
  - All costs assessed (equipment, staff, materials, overheads)
  - In-house versus Outsourcing.
- Testing & Evaluation**
- How to test a conformal coating material
  - The current standards benchmarked
  - What & why are you testing?
- Design for coating**
- Design rules for coating application
- Masking**
- Analysis of masking options
  - Practical methods and examples
- Parylene Coating**
- Introduction to Parylene
  - Parylene process development
  - Parylene masking processes
  - Parylene troubleshooting

Contact Nexus now to discuss your requirements.

Find out how we can help your coating processes.

[Sales@nexus3c.com](mailto:Sales@nexus3c.com)

[www.conformalcoatinghelp.com](http://www.conformalcoatinghelp.com)

