

*Syllabus C1If Rework & Soldering for Lead Free Alloys*

**Types of solder**

**Types of fluxes**

**Soldering temperatures**

**PCB laminate temperatures limits**

**Methods of rework**

**Use of nitrogen for rework and the benefits**

**Inspection requirements**

**Practical Work**

**Hand soldering processes**

**Hot air techniques**

**Hot gas (nitrogen)**

**Infra-red techniques**

**A range of components will be reworked - both SMD and conventional components. This course is mainly of a practical nature, beginning with a short talk on lead free alloys, followed by a practical session where delegates will carry out a range of rework operations.**

**This course is aimed at all staff who need to understand the different requirements of rework and soldering with lead free solder.**

**Course Duration 1 day**

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