

## Lean Manufacturing

### Aim

To help small and medium-sized companies to gain an appreciation of the principles and concepts of engineering excellence. The course is aimed at all levels of employees both at operator and senior executive level.

### Objectives

By the end of the course, delegates will have an understanding of the concept of 'Lean Manufacturing', be able to identify the real cost of poor quality, have the ability to motivate employees and be able to challenge conventional financial thinking.

### Course Content

- The concept of 'Lean Manufacturing'
- The features of a world class company
- Waste and the hidden factory
- Picking fruit
- Bench marking
- Value stream mapping
- The real cost of poor quality
- Problem solving tools
- The principles of JIT
- High commitment work teams
- Theory of constraints
- Performance measures
- Key points involved in setting up a Kaizen Blitz
- Cycle time and set up reduction
- Batches and flow
- Workplace improvement
- Creating a simple manufacturing cell
- Putting everything into the right time and place
- Implementing a cell layout
- Simplifying data
- Introduction to Six Sigma
- Total productive maintenance
- A look at conflicts in design and quality
- Failure mode and effect analysis

**Duration:** 2 days

**Certification:** Prospects Group Certificate

Course bookings  
and enquiries

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Modern Manufacturing Systems Training