

Value Stream Mapping (VSM)

Duration: 2 days

In-Company training:

Smallpeice courses are all available in-company for cost effective group training. This provides the opportunity to customise the content and to include practical activities that are linked to your own processes and products.

Before training onsite we will discuss and scope your requirements and provide a bespoke delivery plan and proposal for your review.

For more information on the options, please contact Smallpeice on +44 (0) 1926 336423 or email train@smallpeice.co.uk

Overview:

A core skill when implementing continuous improvement is to be able to map, analyse and improve the current state process. This module gives participants a highly practical introduction to the most commonly used process mapping tools. Delegates will leave with the confidence and ability to be able to lead process mapping and analysis activity for the purpose of continuous improvement.

Outline – Day 1:

Scoping Value Stream Improvement

- Scoping the improvement activity: defining product/process families
- Understanding value from the customer perspective: defining CTQs
- Writing the Improvement Charter

Engaging Stakeholders

- Stakeholder analysis tools
- Building effective sponsorship
- Selecting team members

Planning a Value Stream Mapping Activity

- Defining a value stream
- Understanding the 4-step approach
- Deciding where to start: defining the boundaries

Drawing the Current State

- What data is required
- Level of detail required
- Step by step current state mapping

Analysing the Current State Process

- Can we meet the customer demand
- Is the process stable?
- Balancing load and capacity: finding and analysing bottlenecks
- Cycle time and workload analysis
- Work-in-process and lead time analysis

Outline – Day 2:

Creating a Future State Map

- Creating a lean vision and a 'must be' list
- Developing the future state map
- Creating continuous flow
- WIP control strategies / push versus pull systems
- Mistake proofing
- Introduction to rapid changeovers and Total Productive Maintenance

Developing the Improvement Plan

- Optimising the solution
- The use of FMEA to manage risk
- Developing the improvement plan: levels of improvement activities
- Managing the implementation
- Use of kaizen events

Facilitating Improvement Events

- Dealing with facilitator's 'nightmares'
- Group dynamics, reading body language, developing active listening
- Best practices in facilitation

Next Steps Planning

- Next steps overview
- Personal action planning