

Lean Six Sigma Greenbelt training - 5 days

This **Lean Six Sigma Green Belt training** course is the first module in our **Six Sigma Black Belt Training Package**. Delegates can go on to achieve Black Belt level by attending our **Minitab** and **Black Belt Conversion** training courses

Lean Six Sigma Greenbelt training

This **Six Sigma Training Course** equips delegates with the appropriate skills and tools to enable them to deliver current and future improvements. During this **Six Sigma Training course** delegates are trained to utilise the fundamental **Lean Six Sigma** tools to improve processes, typically in their respective department or unit.

Lean Six Sigma Green Belt training is focused on team members understanding and applying the **Define Measure Analyse Improve and Control** model which is the foundation of all **Six Sigma** projects. The focus of **Six Sigma** is fundamentally about quality, customer focus and cost, where as **Lean** is about cost and speed. This **Six Sigma Training course** blends a number of **Lean** concepts and tools into the **Six Sigma DMAIC** model.

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Lean Six Sigma Greenbelt Training Course Content

This **Lean Six Sigma Greenbelt course**, which has a case study running through the five days, covers:

Define

- Understanding Variability
- Project Charter
- Stakeholder Analysis
- Communication Plan
- Identify and segment Key Customers
- Critical to Quality (CTQ) Requirements
Verifying CTQs
- Hi-level Process map
- Process Vision
- Project Plan

Improve

- Process Vision
- Brain storming
- Lean principles
 - 5S's
 - Little's Law
 - Push versus Pull
 - Visibility
 - Setup reduction
- Theory of Constraints
- Evaluating solutions
 - Decision Analysis
 - Impact Effort Matrix

Measure

- Measurement Basics
- Measurement process and plan
- Selecting Measures
 - Measuring Value
 - Cost of Poor Quality
- Data definition and sources
- Gauge R&R
- Sampling
- Measuring yield and capability
- Implementing the measurement plan

Analyse

- Data Analysis
 - Pareto charts
 - Frequency charts
 - Run charts
 - Variation
- Process Mapping and Analysis
 - Value Stream Analysis
 - Complexity
- Cause and Effect Analysis
- Verifying causes
 - Scatter diagrams
 - Design of Experiment

- Selecting solutions
- Developing solution options
- Business scenarios
- Pilot testing
- FMEA risk analysis
- Implementation planning
- Force field analysis

Control

- Simple and appropriate documentation
- Mistake Proofing
- Statistical Control
 - Variation
 - Control Charts
 - I, X Bar and R Charts
- Response Charts
- Process Management
- Process Scorecards
- Project Close and Handover

Who Sould Attend?

- Managers, internal consultants, change agents, project managers, team leaders and team members who will be involved in Six Sigma projects.