

Lean Six Sigma Green Belt Training



The LEAN 6 Green Belt training is designed to provide a thorough knowledge base in Six Sigma, Lean and Change Management principles. The program provides business & operations leaders with complementary skills needed to effectively implement projects and manage the risks associated with change.

Learning objectives

- Identify the strategic benefits of Lean Six Sigma
- Gain thorough knowledge of the Six Sigma DMAIC 15-step process
- Understand the Lean concepts & their practical applications
- Acquire a sound knowledge of the Lean tools & how to utilise them
- Apply Six Sigma & Lean to deliver solutions to resolve business problems
- Develop an understanding of the change management process to build & sustain a Lean Six Sigma culture

Who should attend

- Middle & senior operations managers
- Quality & business improvement resources
- Project managers

Duration

- 4 days

No. of attendees

- 10 - 15 per program

Curriculum

Six Sigma rigour

- Six Sigma overview
- Six Sigma DMAIC 15-step process
- Define – Critical to Quality customer requirements, managing project expectations
- Measure – Product characteristics, data collection, graphical analysis using Minitab/SigmaXL
- Analyse – Current process capability, root cause analysis, hypothesis tests
- Improve – Brainstorming tools, risks analysis & solution selection
- Control – Control charts, control management strategy

Excellence Through Learning

Curriculum

Lean framework

- Lean overview
- Lean principles and foundation
- Understanding Value and creating flow within a process
- Value Stream Mapping – facilitating a VSM session
- Establishing a Lean Measurement System
- Creating a Future State
- Creating efficient work cells
- Mistake Proofing
- Foundations of 5S and Visual management & control
- Kaizen and Continuous Improvement

Implementing change

- Facilitating change
- Change Management toolkit
- Lean versus Six Sigma
- Lean Action Workout
- Implementing a measurement system
- Project handover
- Kaizen & continuous improvement
- Business simulation

Certification

- Certified Lean Six Sigma Practitioner™ – Green Belt certification will be issued to the Green Belt program participants who have successfully:
 - passed the Green Belt knowledge test
 - completed a business improvement project using Lean Six Sigma framework and tools
- Certification awarded by the Australian Society for Quality

Learning approach

- Our programs incorporate interactive sessions which include discussions, group activities, case studies and simulations to ensure that concepts and tools can be readily applied in the workplace

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Relevant examples to back up the theory

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Lean Six Sigma Green Belt Program Participant

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The business simulation was excellent

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Lean Six Sigma Green Belt Program Participant

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Great facilitation... Engaging!

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Lean Six Sigma Green Belt Program Participant

Partners:

