

Lean-Six Sigma Green Belt Training & Certification Program



reduce waste ◆ increase throughput ◆ improve quality

Get Qualified



Getting certification in Lean-Six Sigma is a great way to demonstrate your learning and capability in the field of process improvement. Kallista Consulting is pleased to offer comprehensive and certification to Six Sigma Green Belt.

Our Green Belt training is designed to provide a thorough knowledge base in Six Sigma, Lean and Change Management principles as they apply to both manufacturing and services or administrative environments. The program provides business & operations leaders with complementary skills needed to effectively implement projects and manage the risks associated with change.

The program includes practical training on the structure of and tools used in Lean Six Sigma projects. Through a combination of classroom training, practical exercises, and shared experiences, participants will become familiar with the steps in Lean Six Sigma DMAIC projects.



There is a solution that pays for itself

Call Chris on 0428 521 040
www.kallistaconsulting.com.au



Program Agenda



Overview of Lean - Six Sigma

An Introduction to Lean Thinking

- Core Lean Principles
- The 7 Wastes of Operations
- Visualisation of Purpose
- 5S
- Value Stream Mapping
- Flexibility
- Workflow and Pull Systems
- Standardisation
- Perfect Quality
- Kaizen
- Daily Management

An Introduction to Six Sigma

- Measurement Systems
- Data Types
- Mean & Median & Mode
- The Normal Distribution & Variation
- Range, Variance and Standard Deviation
- Z Score & Probability
- Opportunities for defects
- Sigma Score
- Control Charts

Problem-Solving & Decision-Making Tools

- 3Cs – Concern, Cause, Countermeasure
- Ishikawa Diagrams (Fishbone Diagrams)
- Root Cause Analysis (5 Whys)

Total Productive Maintenance

- Reactive Maintenance
- Preventive Maintenance
- Predictive Maintenance
- Proactive Maintenance
- OEE and the Six Big Losses
- A strategy for improving OEE

Quite simply the best program for re-energising your team

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Program Agenda (continued)



Chapter 6 - Advanced Lean Six-Sigma Concepts

- Process Mapping
- Process Input Types
- The Activity of Product, People and Machines
- Activity of the Product
- Time Value Charts and Process Flow Time Charts
- Spaghetti Diagrams
- Activity of The Person (Operator)
- Activity of the Machine
- Notes of Activity of the Product, person and machine
- Standard Work
- Takt Time
- Load Charts and Load Levelling
- Order of Operations
- Standard Work-In-Process
- Kanban

Chapter 7 - Advanced Problem-Solving Tools

- Cause and Effect Matrix (C-E Matrix)
- Failure Mode & Effects Analysis (FMEA)



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What you will learn & achieve



Certification

Green Belt certification will be issued to the program participants who have successfully:

- Passed the Green Belt knowledge test
- Led a business improvement project by implementing the Lean Six Sigma framework and tools in the workplace

Expected Outcomes

At the successful conclusion of this training program, participants will be able to;

- Identify the strategic benefits of Lean Six Sigma
- Gain thorough knowledge of the Six Sigma DMAIC 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

The course includes the following:

- Lean Six Sigma Green Belt courseware folder
- Lean Six Sigma Green Belt Quick Reference Guides
- Green Belt knowledge test
- Completion certificate
- Lean Six Sigma Green Belt certification (project coaching not included)

Duration:

- 4 days of Workshop Training
- Projects are anticipated to be executed over several months following the training

Knowledge that creates ownership and empowerment

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Why Kallista Consulting



Our success comes not only from our expertise in process improvement methodologies such as Lean and Six-Sigma, but also from our ability to engage effectively with people at all levels. We are market leaders in providing the business transformation leadership that brings real results.

Our training and workplace methods have been refined over many years to ensure they are engaging and practical and the feedback we receive is consistently excellent. Most of our clients experience a measured return that is many times their investment

Our reputation speaks for itself. Over the past decade, we have worked with clients for all sizes across diverse sectors, including with some of Australia's most respected organisations. Here are just a few;



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