LEAN SIGMA EXPERTS AUSTRALIA

Internationally Accredited by:

Lean Six Sigma Certification Green Belt Level (3 Days)
Classroom Sessions Accelerated Course

Price: $1,500 + GST (Includes Internal Exam & Certification)

Objectives

- The Green Belt Course is designed to improve process performance, deliver medium to high impact projects and achieve significant cost savings.
- Lean Six Sigma Green Belt is designed to acquire the special skills and knowledge required before leading or taking part in any continuous improvement project.
- Green Belts will effectively use the Lean Six Sigma tools throughout their organization, customers and suppliers for achieving business improvement results.
- Green Belts will gain thorough understanding of all aspects of the DMAIC model in accordance with Six Sigma principles.
- Green Belts will gain knowledge of Lean enterprise concepts, are able to identify non-value-added elements & activities.

Who Should Attend :

Chief Executive Officers, Managing Directors, Executive Officers, General Managers, Managers, Executives, Engineers and Continuous Improvement Specialists & Others.

Departments

Business Process Improvement, Change Management, Continuous Improvement, Project Management, Industrial Engineering, Production Management, Quality Management, Logistics, Contract Department, Innovation Department, Commercial Department, Business Development, Strategic Planning, Human Resource, Finance & Others.

Course Content

Session 1: Define & Measure Phase (1 Day)

- Introduction & Overview of Six Sigma
- Cost of Poor Quality (COPQ)
- Drill Down Tree & Pareto Chart
- Project Charter Development
- Voice of Customers (VOC) & Kano Model
- SIPOC & Basic Process Mapping
- Financial Analysis and Cost Savings
- Root Cause Analysis (RCA) Tools
- Data Collection Plan
- Basic Statistics and Sampling Techniques
- Capability Analysis and Sigma Value
- Detailed Process Mapping
- Fishbone Diagram
- Failure Modes and Effects Analysis (FMEA)

Session 2: Analyze Phase (1 Day)

- Graphical & Value Analysis
- Hypothesis Testing
- Advanced Graphical Analysis
  - Sigma Value / Z-Bench, Graphical Tools for Statistics, Pareto Charts, Run Charts, Dot Plots, Scatter Plots, Matrix Plots, Histograms, Time Series Plots
- Regression Analysis
  - Correlation Analysis, Multiple Regression, Simple Linear Regression
- Value Stream Mapping (VSM)
- Summarising Potential Factors & Potential Solutions

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Course Content (Cont.)

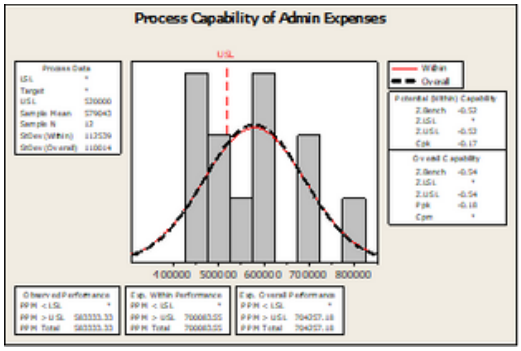
Session 3: Improve & Control Phase (1 Day)

- Generating Improvement Ideas
- Evaluating & Selecting Best Solutions
- Solution & Training Implementation Plan
- Develop & Execute Pilot Plan
- Lean Concepts &Error Proofing / Kaizen
- Cost & Benefit Analysis (ROI)
- Process Control Plan
- Standard Operating Procedures (SOP)
- Statistical Process Control (SPC)
- Best Practice and Replication Opportunities
- Process Ownership and Dashboards

Minitab During Green Belt Lean Six Sigma Training

Where applicable, during the training course, our consultants will provide the participants with training on how to analyse Quality data using the Minitab software which is widely used by Lean Six Sigma practitioners.

Example of Minitab Software:



Our consultants will also provide candidates with useful excel quality templates and tools

Examination & Certification : We will administer an examination for the participants upon completion of their training. The examination consists of the following (on last day of training):

LSS Green Belt Level (Internal CSSC Accredited)

Exam Type:	Multiple Choice Questions
No. of Questions:	35 Questions
Examination:	Open Book Examination
Passing Rate:	70% and above
Duration of Exam:	1.5 Hours
Location of Exam:	At training location
Cost:	Inclusive of training

For further enquiries:

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