



The 1st Ever SQA/ASQ Six Sigma Training Program in Singapore

SQA/ASQ Lean Six Sigma Green Belt (Service Version)

- ASQ Syllabus and Approved Trainers

Course Objectives

Green Belts play a vital role within a Six Sigma initiative as they learn to build on the Black Belt's efforts of data collection and analysis, process mapping and design of experiments—many times even leading their own improvement projects. As a Green Belt you will learn how to use many of the time tested Lean methodologies with proven Six Sigma problem-solving and statistical tools to contribute to the success of your organization. On your successful completion of ten days of rigorous and applied training; and presentation of a project, you will be awarded the SQA/ASQ Lean Six Sigma Green Belt Completion Certificate.

Course Contents

- **Lean Six Sigma Overview**
- **Define Phase**
 - Project Charter
 - SIPOC
- **Measure Phase**
 - Process Mapping & Value Stream Analysis
 - Introduction to Minitab
 - Probability & Statistics
 - Measurement System Analysis
 - Process Capability
 - Confidence Intervals
- **Analyze Phase**
 - Cause and Effect / FMEA
 - 5S & Waste Elimination
- **Basic Tools**
- **Hypothesis Testing & ANOVA**
- **Correlation & Regression**
- **Queues**
- **Improve Phase**
 - Introduction to Design of Experiments
 - Catapult Exercise
- **Control Phase**
 - Piloting and Implementation
 - Statistical Process Control
 - Control Plans
- **Tollgate and Project Review**

Entry Requirements

Degree or Diploma holders with at least 2 years of working experience.

Who Should Attend

Managers, Supervisors, Marketing Executives, Process Owners & Personnel involved in process improvement and assurance.

Course Duration

Approx 4 months:

- ❖ Classroom Training – 10 days spread over 2 months
- ❖ Project Presentation – within 2 months after classroom training

Course Date

Commencing on 25 Jan 2010

Course Fees

Member: **S\$2,996.00**

Non member: **S\$3,595.20**

All fees stated are inclusive of 7% GST; training materials & certificate.

Above information is correct at the time of printing. Singapore Quality Institute reserves the right to make changes to it when necessary.

For Enquiries, please call:

SINGAPORE QUALITY INSTITUTE

66 Tannery Lane #06-07 Sindo Building

Singapore 347805

Tel: (65) 6749 0728

Mobile: (65) 9818 3736

Fax: (65) 6746 1351

Email: enquiries@sqi.org.sg

Website: www.sqi.org.sg