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Lean Six Sigma Green Belt Certification (5 Days)

FREE COURSE INCLUDING CSSC INTERNATIONAL EXAMINATION & CERTIFICATION FOR MSME PARTICIPANTS!

*Limited to 25 participants only. First come, first serve.

As part of DEVELOPMENT initiative

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Course Overview

Lean Six Sigma is a proven systematic approach to improve measurable results for any organization. The Lean Six Sigma Green Belt training is designed to help acquire the special skills and knowledge required to lead or take part in any continuous improvement project.

Green Belts will effectively use the Lean Six Sigma tools throughout their organization, customers, and suppliers to achieve business improvement results.

Green Belts will gain a thorough understanding of all aspects of the DMAIC model following the Six Sigma principles and Lean enterprise concept. On top of that, they will be able to identify non-value-added elements and activities and develop the concepts and implementation of Lean Six Sigma within their organization.



CSSC INTERNATIONAL GREEN BELT STANDARD EXAM

Exam Type: No. of Questions:	MCQ & True/False questions from CSSC LSS Green Belt Body of Knowledge 100 Questions
Duration of Exam:	2 Hours
Туре:	Open book
Location of Exam	Online or designated testing centres worldwide
Passing Score:	Minimum of 280/400 points
Note:	Only 3 attempts allowed
	within 12 months (free of
	charge)

Course Content MODULE 1 – DEFINE & MEASURE TRAINING (2 DAYS)

Session 1: Define Training (8 Hours)

- Introduction & Overview of Lean & Six Sigma
- The 7 Wastes- TIMWOOD
- Cost of Poor Quality (COPQ)
- Drill Down Tree
- Pareto Charting
- Project Charter Development / Project Selection Matrix
- Voice of Customers (VOC)
- Kano Model / Analysis
- SIPOC- Supplier, Input, Process, Output, Customers
- **Basic Process Mapping** •
- Financial Analysis & Cost Savings

Session 2: Measure Training (8 Hours)

- Root Cause Analysis (RCA) Tools
- Fishbone Analysis
- 5 Why Analysis
- 5W 1H Reporting Structure
- Operational Definition & Data Collection Plan
- Basic Measurements & Sampling Techniques
- Basic Value Stream Mapping
- Detailed Process Mapping
- Value Analysis – VA, NVA, VE

P-Value, Test Statistics, Regressions, Correlation Analysis

Summarising Potential Factors & Potential Solutions

Value Stream Mapping (VSM) – Advanced

- Failure Modes and Effects Analysis (FMEA)
- Introduction to Process Excellence Statistics

(MODULE 2 – ANALYSE TRAINING (1 DAY)

Session 3: Analyze Training (8 Hours)

- Graphical Analysis
 Scatter Plots
 - Pareto Charts Matrix Plots
 - Histograms

Lean Concepts & Error Proofing /

Cost & Benefit Analysis (ROI)

- Time Series Plots
- Run Charts Dot Plots

Box Plots

Kaizen

- Generating Improvement Ideas Basic Statistical Analysis
 Evaluation & Selecting Best Solutions

MODULE 3 – IMPROVE & CONTROL TRAINING (2 DAYS)

<u>Session 4: Improve Training (8 Hours)</u>	<u>Session 5: Control Training (8 Hours)</u>
Develop & Execute Pilot Plan	Control Plans Development I-MR Chart
Water Sprinkler Bottle Simulation	Standard Operating Procedures Discreet Charts
Solution & Training	(SOP) • Best Practice &
Implementation Plan	Statistical Process Control (SPC) Replication

- Statistical Process Control (SPC)
 - Process Control Charts
 - X-Bar + R Chart
 - X-Bar + S Chart

- Replication Opportunities
- Process Ownership & Dashboards

Minitab Session During Green Belt Lean Six Sigma Training - Where appplicable, during our training course, our consultants will provide the participants with training on how to analyze data using the Minitab software which is widely used by Lean Six Sigma practitioners.

For enquiries, kindly contact +603-78738485 or email us at public@mbizm.com

Meet Our Trainers (Click photo for more information 7)



DR. SATNAM Deployment experience in manufacturing, power plant and automotive across (Europe & India)



MR. HARBANS Deployment experience in manufacturing subsectors of global brand (Malaysia & Asia Pacific)



DR.MURALIRAJ Deployment experience in manufacturing, oil & gas, shared services and BPO in several local organizations and MNC's (Malaysia

& Asia Pacific)



MR. FAISAL Deployment experience in manufacturing of automotive and healthcare (Malaysia)



MR. BALASHARMILA Deployment experience in oil & gas, construction and MRO (Malaysia & Singapore)

REGISTRATION FORM

Registration Policy

Applicable to employers & employees working within Malaysia's micro, small and medium enterprises (MSMEs). MSME Employers **must possess an active MSME Status Certificate** to apply for this training. For more information, please see <u>PLM MSME Development Guideline</u>.

Each MSME Employer can send maximum of 5 employees.

To register, MSME Employers may fill in the Application Form by scanning the QR code provided below & email it to <u>public@mbizm.com</u>.

For further information on this Not-To-Be-Missed Event, please contact our Programme Manager at +603 7873 8485.

Note

Once the training is completed, all approved trainees are required to complete the Output Evaluation (via MyHRDCorp Super App) and Outcome Evaluation (via evaluation link received in email).



We are accredited by The Council for Six Sigma Certification (CSSC)

Training Course Booking

Training	: CSSC International Lean Six
	Sigma Green Belt Examination &
	Certification
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Dates : 3, 4, 5, 10 & 11 Sept 2024

Time: 8.30 am - 5.30 pm

Venue : Acappella Suite Hotel, Shah Alam



Register Here



WhatsApp us your enquiries

