

Extended – Lean Six Sigma Yellow Belt – Instructor-Led Online Training (3 Days)

Price: \$1,475+GST (Includes Internal Examination & Completion Certification)

Objectives

- Develop a comprehensive understanding of Lean Six Sigma principles and their application across various industries to optimise operational costs and enhance competitiveness.
- Gain the ability to apply data-driven and statistical approaches to reduce variation, eliminate waste, and improve process quality and efficiency.
- Strengthen skills in integrating human and process aspects by fostering a culture of continuous improvement, customer focus, and teamwork.
- Equip participants to contribute effectively to Lean Six Sigma initiatives that drive measurable improvements in customer satisfaction and bottom line performance.

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.

Who Should Attend

BGeneral Managers, Managers, Executives, Engineers, Foreman, Team Leaders, Supervisors, Line Leaders, Junior Executives, Operators and Continuous Improvement Specialists & Others.

LSS Extended Yellow Belt Programme Content

Exercises and activities conducted during the training workshops will be aligned to required work related project outputs.

- The Yellow Belt participants will have more in-depth knowledge of Lean and Six Sigma, and each of the five phases that are to be applied in practical terms.
- This course is designed to provide a broad understanding of the Lean and Six Sigma improvement methodology, concepts, and language, along with a complete toolbox of basic process improvement methods.
- The Six Sigma Yellow Belt course is designed to enhance technical problem-solving skills. Instruction is application focused, therefore requiring all participants to successfully support existing or new Lean and Six Sigma projects.
- The Yellow Belt upon completion of this training will participate as a core team member or subject matter expert on a project or projects together with the supervisors/managers.
- The tools and deliverables of the Six Sigma Yellow Belt Program modules / topics are as below. The course curriculum and modular topics including workshops are a blend of Lean and Six Sigma as outlined below.

Availability / Schedule : Any 3 mutually convenient consecutive dates (9am – 3pm) for online sessions. Training is conducted via Zoom or MS Teams

Certification : Will be based on full attendance to this training programme and passing the examination requirements (passing mark 70% and above).

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Day 1: Session 1 (9am – 3pm)

- Overview of Lean and Six Sigma – DMAIC & Lean PDCA
- 7 Wastes TIMWOOD
- Cost of Poor Quality (COPQ)
- Pareto Charting (Prioritisation Tools, using Excel)
- Understanding Project Charters

Day 3: Session 3 (9am – 3pm)

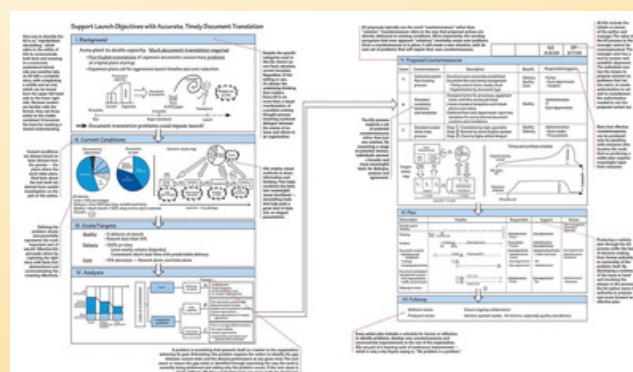
- Understanding Value Added (VA) and Non-Value-Added Activities (NVA)
- Types of Statistical Analysis (Quantitative & Qualitative)
 - Workshop Sessions – 7QC Tools, RCA Tools, A3 Reports
- Generating Lean Improvement Ideas
- Poke – Yoke (Mistake Proofing)
- Identifying Solutions – Best Practices, Benchmarking, Brainstorming
- SOP & Documentation
 - Workshops & Examination Sessions (Lean A3 Report Completion)

Day 2: Session 2 (9am – 3pm)

- Root Cause Analysis (RCA) Tools
 - Creating Fishbone Diagrams
 - Fishbone Diagram with 5- Whys
- Data Collection Techniques
- Basic Lean Enterprise, Lean Ways of Working
 - Workshop Sessions & Lean Video Analysis
- Basic Statistics and Graphical Analysis using Excel
- Process Flow Charts / SwimLane Diagrams (incl. SIPOC)

A3 Report Completion During Lean Six Sigma Training

The Lean A3 report is a structured problem-solving and continuous improvement tool central to Lean thinking, particularly within the Lean System. Named after the A3-sized paper it's traditionally printed on, it distils complex issues into a concise, visual one-page document. It guides users through a systematic process— defining the problem, analyzing root causes, setting goals, developing countermeasures, implementing solutions, and tracking follow-up actions. Its strength lies in promoting clarity, alignment, and collaboration across teams by emphasizing both the logic and the story behind the issue. More than just a report, it fosters critical thinking, ownership, and dialogue, reinforcing Lean principles of respect for people and relentless pursuit of improvement.





BoK Internationally Accredited by:



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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 Yellow Belt Level (Internal Exam & Certification)

Exam Type:	Multiple Choice Questions
No. of Questions:	15 Questions
Examination:	Open Book Examination
Passing Rate:	70% and above
Duration of Exam:	30 Minutes
Location of Exam:	Online

For further enquiries:

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