

Lean Six Sigma Yellow Belt Training Program

Program Participants

Lean Yellow Belts who are groomed in the Lean Six Sigma Methodology help cascade Lean Six Sigma approaches and techniques throughout your organization. They are employees at all levels who serve as high-performing team members on Lean Black Belt / Lean Green Belt project teams.

Program Overview

The Lean Six Sigma Yellow Belt Program provides participants with an overview of Lean Six Sigma as well as key concepts associated with effective project teams. Lean Yellow Belts receive a subset of the more comprehensive Lean Six Sigma Green Belt curriculum.

Lean Yellow Belts learn :

- A structured problem-solving methodology for addressing business improvement projects.
- Basic level quality tools within that methodology.

The program focuses on the DMAIC model for process improvement and the relevant intermediate -level statistical and graphical tools.

The DMAIC model is a systematic method for analyzing and improving business processes. It consists of five phases.

- Define
- Measure
- Analyze
- Improve
- Control

Program Duration: 3 days

Lean Yellow Belt Recognition: TQMI will issue Certificate of successful completion of Lean Six Sigma Yellow Belt training.

Software: Participants need to bring a laptop preloaded with Minitab Software.

Training Contents

Lean Six Sigma Overview - Variation Reduction and Seven Types of wastes.

Define Opportunity -What is important ?

- ❖ Identify, prioritize and select the improvement opportunity.
- ❖ Develop project team charters.
- ❖ Identify customers and customer requirements.
- ❖ Define and map process to be improved.
- ❖ Overview of Value Stream Mapping

Measure Performance -How are we doing?

- ❖ Determine what to measure.
- ❖ Manage measurement.
- ❖ Understand variation.
- ❖ Determine process performance.

Analyze Opportunity -What is wrong ?

- ❖ Identify potential root causes / wastes.
- ❖ Conduct FMEA.

Improve Performance - What needs to be done?

- ❖ Generate solutions
- ❖ Rank and select best solutions.
- ❖ Communicate solution.
- ❖ Implement the final solution

Control Performance - How do we guarantee performance

- ❖ Standardization
- ❖ Process Control System
- ❖ Mistake - Proofing
- ❖ Close the project.

Next Step

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For more information please visit

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