

Lean Six Sigma Yellow Belt (according ASQ)

The Lean Six Sigma Yellow Belt not only offers an ideal introduction to the Six Sigma world, but also provides participants with a variety of team-oriented methodological tools. On the one hand, this allows smaller and simple improvements to be made in the company. On the other hand, trained Yellow Belts can also successfully support Green or Black Belt projects as team members.

Well-trained Yellow Belts are multipliers of the Six Sigma strategy and form the basis of projects as team members. The invested training costs are often amortized in the first projects, among other things through shorter project runtimes and project successes. Team-oriented methodological knowledge is now an elementary building block in employee qualification. The Lean Six Sigma Yellow Belt concept of the GRUNDIG AKADEMIE takes all these points into account. This is also ensured by basing the contents on the ASQ standard and the ISO standard.

Target Group

Team members in Six Sigma projects

Requirements

Some experience with data analysis and problem solving recommended

Your Benefits

- | You will receive an introduction to the Lean Six Sigma system.
- | You will learn the optimal data analysis and the application of simple experimental methodology.
- | You will know simple creativity techniques and be able to use them in your improvement projects.

Methods

Lecture, practical exercises, exchange of experiences and feedback

Key Features

What is Six Sigma?

- | History of Lean and Six Sigma
- | Introduction to system and belt structure
- | Project management according to the DMAIC method

Define-Phase: Project definition and Project assignment

- | Customer requirements - Voice of the Customer VoC
- | SIPOC
- | Project contract

Measure-Phase: Understanding and evaluating the process

- | Basics of statistics
 - | Process recording
 - | Measured variables and data acquisition
 - | Measurement system analysis
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- | Process assessment: stability and capability, effectiveness/efficiency metrics, OEE

Analysis-Phase: Analyze process and determine parameters

- | Process analysis
- | Introduction 8 Muda
- | Value-added analysis
- | 5-Why
- | 7 Tools: Ishikawa
- | Cause-effect matrix

Improve-Phase: Improve processes

- | Solution Finding
- | Implementation PDCA
- | Generate ideas; brainstorming, decision matrix
- | Control methods

Control-Phase: sustain improvements

- | Control plan
- | Process handover
- | Lessons learned and conclusion

Certification

The training follows the model of the American Society for Quality (ASQ) and is based on the requirements of the international Six Sigma standard "Quantitative Methods in Process Improvement - Six Sigma":

Part 1: DMAIC Methodology - ISO 13053-1:2011.

Part 2: Tools and techniques - ISO 13053-2:2011.

Duration

2 days

1. day: 10:00 - 18:00, following day 09:00 - 17:00

Certificate

Certification by GRUNDIG AKADEMIE

Contact Person



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