



Lean Six-Sigma Training Yellow Belt Workshop

Organisations gain a competitive advantage when Lean Six-Sigma is implemented correctly. Lean Six-Sigma has been designed to encourage and reward proactive problem prevention as opposed to reactive problem solving.

Six-Sigma is a business improvement and management methodology, originally developed by Motorola. The methodology was devised to reduce process variation in manufacturing systems, where defects were reduced to near zero. Since then, it has subsequently been extended, in conjunction with Lean, and can be adapted to all types of processes.

Program Candidates

Are you ready to take the 1st step on your journey toward continuous improvement?

Lean Six Sigma Yellow Belts are Globally recognised as essential members of any CI team.

Graduates of the programme are well sought after, as they are proven to add value and have a significant positive impact on project outcomes.

Why Vative?

- ✓ 120+ years of combined, Six-Sigma Black Belt industry experience
- ✓ Vative has delivered Lean Six-Sigma workshops to 2000+ employees from 400+ organisations
- ✓ Training and certification delivered to the *Lean Six-Sigma Society of Professionals* (LSSSP) standard

Course Overview

The Yellow Belt program is designed for team members from any functional area of the organisation. Participants will be introduced to Lean Six Sigma principles and their implementation techniques. Yellow Belts will have the knowledge to serve as high performing team members on business improvement projects.

"I have no hesitation in recommending **Vative** as a provider of **Lean Six-Sigma training**. We would rank the capability of the material and delivery by the facilitator as the best externally sourced training we have run in RailCorp".

Phil McWhirter, General Manager Continuous Improvement, RailCorp

Program Length

1 day.

Yellow Belt Certification

To be accredited with a "Statement of Knowledge" certificate (optional). Yellow Belt candidates must complete the training and pass a short exam.

To register for this Yellow Belt Workshop or to find out how Vative can support your Business Improvement initiatives, please call **1300 VATIVE (82 84 83)** or email info@vative.com.au

Yellow Belts learn:

- ✓ The meaning and purpose of Lean Six-Sigma
- ✓ The DMAIC problem solving model
- ✓ The language of the 8 wastes and how to identify underlying causes
- ✓ How to approach process analysis
- ✓ The meaning and application of 5S

1. Welcome

1.0 Welcome to Yellow Belt Training

- Workshop Objectives
- Today's Schedule
- DMAIC Roadmap
- Lean Six Sigma in context

2. Define Phase

2.0 Welcome to Define

2.1 Understanding the Problem

- Identify the problem
- Identify the process
- Voice of the customer

2.1 Define Project

- Justify the business case
- Pareto Charts
- Project Charter

2.3 Summary

- Define Activity

3. Measure Phase

3.0 Introduction to Measure

3.1 Understand the Process

- Process Mapping

3.2 Find Potential 'x's

- Cause and Effect Diagram

3.3 Data Collection

- Checking the measurement system
- Data Collection

3.4 Baseline Performance

- Evaluate Current Performance

3.5 Summary

- Define Activity

4. Analyse Phase

4.0 Introduction to Analyse

4.1 Look for effects of 'x' on 'Y'

- Root Cause Analysis methods
- Basic Graphical Analysis

4.2 Analyse the Process Flow

- Value Add Concept
- Types of Waste
- Process Flow Analysis

4.3 Determine Root Causes

- 5 Why Analysis

4.4 Summary

- Analyse Activity

5. Improve Phase

5.0 Introduction to improve

5.1 Generating, Evaluating & Prioritising

- Brainstorming

5.2 Solution Ideas

- Pay-off Matrix
- Criteria Matrix

5.3 Check the solutions (s)

- Unintended Consequences
- Pilot Trials

5.4 Summary

- Improve Activity

6. Control Phase

6.0 Introduction to Control

- Implementing the change

6.1 Plan & Implement Controls

- Visual Workplace
- Standardisation
- Early Warning Systems & Problem Escalation Plans

6.2 Change Implementation

- Prepare for Implementation

6.3 Summary

- Control Checklist

7. Consensus Building

7.0 Consensus Concepts

- Importance of Consensus
- Effect of Change Management
- Consensus Desktop Evaluation
- Course Wrap Up, Q&A

Vative is a ShareTree company that works in collaboration with the **Lean Six-Sigma Society of Professionals (LSSSP)**.

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