



Application of Lean Management Concepts & Techniques

Introduction

Lean is simply about creating more value for customers by eliminating activities that are considered waste. Any activity or process that consumes resources, adds cost or time without creating value becomes the target for elimination. This is achieved through the use of specific concepts that are intended to provide excellent quality products, delivered on time, at the lowest total cost, and only on the specific demand of the customer. The lean implementation is comprised of a comprehensive set of elements, rules and tools that focus on value, the elimination of waste and continuous incremental improvement.

These two days program contains covers all of the Lean Enterprise concepts. The course is packed with examples, graphics, case studies and many interactive features that provide tips, "try this" exercises and in-depth information. Common Lean improvement tools and techniques will be identified and the class will discuss how best to apply these techniques from a Lean system perspective.

2 Days

Target Audience

There are no specific prerequisites for this course. The intended audience is executives, managers, supervisors, professionals and anyone who needs to learn how to substantially improve business performance

Objectives

- Gain a broad perspective of Lean Enterprise concepts and understand the interaction between the Lean elements, rules, and tools.
- Understand how Lean concepts & techniques can be applied to the different operational departments of a business.
- Understand how to recognize and eliminate waste.
- Recognize the fundamental importance of the Kaizen process, how this is used in every aspect of a Lean implementation and how it is used to change the culture.
- Get an overview of Six-Sigma and how Lean and Six-Sigma are complimentary processes that are used to improve business

Details

The Need for Change

- A. Why Change?
- B. Benefits of Lean
- C. The Evolution to Lean
- D. Touring a Traditional Operation
- E. Lean v. Traditional Manufacturing
- F. Resistance

Lean Concepts

- A. Overview
- B. Waste
- C. The Types of Waste
- D. Continuous Incremental Improvement
- E. Lean Elements & Rules
- F. Common Lean improvement tools and techniques (i.e. VSM, TPM, Standard Work, Pokka Yoke, etc..)

Kaizen

- A. Kaizen Defined
- B. Philosophy & Principals
- C. Guidelines
- D. Value-Added, Non Value-Added, Non-Value-Added Required
- E. Manufacturing Kaizen
- F. Administrative Kaizen

5S Workforce Organization

- A. Introduction
- B. Sort --Eliminate
- C. Set in order --Organize
- D. Shine --Cleanliness
- E. Standardize --Consistency
- F. Sustain --Self-discipline

Implementing Lean

- A. Putting it All Together
- B. Lean Road Map
- C. Policy Development
- D. Lean Implementation Plan

Lean Six Sigma Overview

Methodology

Presentation, workshop and case studies

Certificate

Certificate of successful completion will be awarded to delegates who have attended full course.

Venue

ACI training centre