

Lean Enterprise Training (Service & Manufacturing)



INTRODUCTION

- ◆ A Lean Enterprise is an organization that has fully integrated Lean philosophy and techniques into its business model. Lean Manufacturing techniques were developed in the manufacturing sector but companies soon realized that all manufacturing processes are initiated by non-manufacturing activities.
- ◆ Successful change is achieved by discovering new ways to effectively re-organize and align all of your business processes to increase throughput, reduce costs and improve quality. Lean Enterprise training would allow organizations to improve the productivity, efficiency, and quality of their products or services. Upon completion of the course, the participants will be able to:
 - ◆ Understand Lean Philosophies, Lean Teams and Lean Tools for organizational improvements,
 - ◆ Discuss and deploy the Lean Strategy and Framework
 - ◆ Appreciate the Value Streams and mapping the current state of their plants,
 - ◆ Identify, prioritize and eliminate waste streams using relevant and effective Lean Tools,
 - ◆ Lead multiple projects and form Continuous Improvement teams,
 - ◆ Improve the overall efficiency, productivity and quality of their respective operations.



COURSE CONTENT / CURRICULUM

Duration = 3 Days

DAY ONE

Module 1: Lean Management

Introducing Lean Management
Lean Kaizen Teams
7 Wastes & Lean House

Module 2: Waste Management

Identifying The 7 Wastes
Problem Solving Techniques
Workplace Ergonomics

Module 3: Workplace Organisation

5S Housekeeping
5S Auditing
5S Template

Module 4: Standardised Work

What is Takt Time
Standardised Motions
Work Balancing

DAY TWO

Module 5: Value Stream Mapping-VSM

Creating a Current State Map
Analysing the Current State Map
Generating ideas from VSM

Module 6: Total Productive Maintenance

What is TPM and Metrics
Losses in Equipment
Phases and Steps of TPM

Module 7: OEE & Plant Layouts

Calculating OEE
Availability, Productivity & Quality
Issues with Plant Layouts

Module 8: Quick Changeovers

What is SMED?
Steps to conduct SMED?
Improving Methods for SMED

DAY THREE

Module 9: Error Proofing

What is Poka Yoke?
Poka Yoke Methods
Poka Yoke Devices

Module 10: Jidoka & Andon

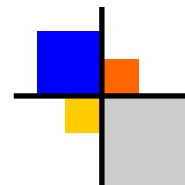
Visual Management
Autonomation Techniques
Visual Display and Control

Module 11: Production Levelling

What is Heijunka?
Heijunka Box
What is Heijunka Pacemaker?

Module 11: JIT, Cellular & Kanban

Concept of Just in Time
Cellular Manufacturing
Kanban Functions



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Six Sigma Training & Consultancy