

MBizM[®] Value Stream Mapping for Manufacturing (VSM) Public Training

OBJECTIVES

- ◆ Value Stream Mapping is a powerful visualization tool to see and understand the flow of material and information as a product or service makes its way through the value stream and to identify the non-value adding activities and waste present within the organization. The mapping process results in a detailed overview of the production or service delivery flow and focus attention on Lean concepts and the application of Lean methods enabling targeted Kaizen activities. This 2 days Value Stream Mapping training course uses a blend of theory and classroom exercises.

INTRODUCTION

- ◆ During the Value Stream Mapping course delegates will develop an understanding of :-
 - Customer Value and the key elements and methods of Value Stream Mapping
 - How to define and analyse the Current State Value Map, material and information flows
 - The three stages to develop an ideal future state map
 - How to derive a Kaizen improvement plan
- ◆ In this Value Stream Mapping training course, participants will learn how lean thinking has become a widely adopted improvement approach that can greatly simplify processes and improve performance. At the heart of Lean thinking is the focus on creating value for the customer and eliminating waste
- ◆ The stream of activity within an organisation that creates customer value is called the value stream. Value Stream Mapping is the tool used to understand, analyse and improve a value stream. The focus of this course is to provide participants with the practical skills to use value stream mapping in a manufacturing organization.

DAY ONE

Duration = 2 Days

DAY TWO

- ◆ Introduction to Lean and Peoples Issues
- ◆ Process Mapping and SIPOC
- ◆ Introduction to Value Stream Mapping
- ◆ Value add, Value enabling And Non-Value Adding Activities
- ◆ Elements of A Value Stream Map
- ◆ Material Flows and Information flows
- ◆ Value Stream Metrics—VA & Lead Time
- ◆ Current State Value Stream Map
- ◆ Case Study 1— Classroom Exercise
- ◆ Simulation Workshop : Assembling Water Spray Bottles (Current State)

- Identifying—7 wastes—TIMWOOD
- ◆ Understanding customer Value & TAKT Time
 - ◆ Flow Lines and Design for VA flow
 - ◆ Analysing Current State to Identify Waste
 - ◆ Developing an Ideal Future Value Stream Map :
 - Customer Demand
 - Continuous Flow—Celular Manufacturing
 - Load Levelling—Heijunka and Andon Boards
 - Yamazumi and Nagare Cells
 - Supermarket & Kanban Systems
 - FIFO Lanes
 - Kaizen Improvement & Implementation Plan
 - ◆ Case Study 2— Classroom Exercise
 - ◆ Stimulation Workshop—Assembling Water Spray Bottles (Future State)
 - ◆ Lean A3 Reporting Structure for Management



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