

# MBizM™ Lean Six Sigma YELLOW BELT PROGRAMME



## INTRODUCTION

- ◆ The Yellow Belt Participants will have more in-depth knowledge of Six Sigma and each of the five phases that are to be applied in practical terms.
- ◆ This course is designed to provide a broad understanding of Six Sigma methodology, concepts, and language, along with a complete toolbox of basic process improvement methods.
- ◆ This programme was developed to encourage the candidates to be responsible for the development of process maps to support Six Sigma projects.
- ◆ The Yellow Belt Participants will participate as core team members or subject matter experts on a project.
- ◆ Yellow Belt Participants will gain knowledge of Lean enterprise concepts, are able to identify non-value-added elements and activities.

**Duration = 3 + 2 Days**

## COURSE CONTENT / CURRICULUM

### SESSION 1: DAY ONE

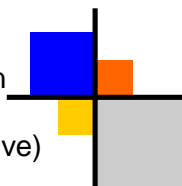
- ◆ Overview of Six Sigma - DMAIC & DMADV
- ◆ Cost of Poor Quality (COPQ)
- ◆ Understanding Pareto Charts
- ◆ Six Sigma vs. Other Programmes
- ◆ Workshop Sessions

### SESSION 2: DAY TWO

- ◆ Root Cause Analysis (RCA) Tools
- ◆ Data Collection Techniques
- ◆ Basic Statistics and Graphical Analysis
- ◆ Creating Fishbone Diagrams
- ◆ Workshop Sessions

### SESSION 3: DAY THREE

- ◆ Understanding Value Added (VA) and Non Value Added Activities (NVA)
- ◆ Types of Analysis (Quantitative & Qualitative)
- ◆ Overview of Statistical Analysis
- ◆ Workshop Sessions



### SESSION 4: DAY FOUR (Optional)

- ◆ Generating Improvement Ideas
- ◆ Running Pilot and Lean Programmes
- ◆ Solutions Implementation Plan
- ◆ Workshop Sessions

### SESSION 5: DAY FIVE (Optional)

- ◆ Understanding Statistical Process Control
- ◆ Establishing Control Plans
- ◆ SOP & Documentation
- ◆ Workshop Sessions

### YELLOW BELT WORKSHOPS (DELIVERED OVER 5 DAYS)

- ◆ Developing Team Project Charter
- ◆ Teams & Stakeholder Analysis
- ◆ Voice of Customers (VOC)
- ◆ SIPOC & Basic Process Mapping
- ◆ Failure Modes and Effects Analysis
- ◆ Basic Value Stream Mapping (VSM)
- ◆ Data Types - Continuous & Discrete

Presented By:



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