

MBizM[®] Lean Six Sigma Step-Up to Black Belt Public Programme



INTRODUCTION

- ◆ The Black Belt Step-Up Course is designed to improve process performance, deliver medium to high impact projects and achieve significant cost savings.
- ◆ The Certified Lean Six Sigma Black Belt is a professional who can explain Lean Six Sigma philosophies and principles, including supporting systems and tools.
- ◆ Black Belts will demonstrate team leadership, understand team dynamics and assign team member roles and responsibilities.
- ◆ Black Belt will gain thorough understanding of all aspects of the DMAIC model in accordance with Six Sigma principles.
- ◆ Black Belt will gain knowledge of Lean enterprise concepts and will be able to identify non-value-added elements and activities.

Duration = 4 Days

COURSE CONTENT / CURRICULUM

SESSION 1: DEFINE & MEASURE PHASE / 1 Day

- ◆ Quality Functional Deployment (QFD)
- ◆ Current State Value Stream Mapping (VSM)
- ◆ Root Cause Analysis (RCA) Tools
- ◆ Advanced Measurement System Analysis (MSA)

SESSION 2: ANALYZE PHASE / 2 Days

- ◆ Advanced Statistical Analysis – Continuous, Attribute, Non-Parametric and Adv. Graphical
- ◆ Advanced Design of Experiment (DOE)
- ◆ Six Sigma Project Finance for Non-Finance Executives
- ◆ Part 1: MBizM[™] Lean Enterprise Training / Kaizen
 - Module 1: Lean Management & Kaizen Teams
 - Module 2: Waste Management SWIMTOOU & Ergonomics
 - Module 3: Workplace Organisation - 5S House-keeping

SESSION 3: IMPROVE & CONTROL PHASE / 1 Day

- ◆ Part 2: MBizM[™] Lean Enterprise Training / Kaizen
 - Module 4: Standardised Work - Takt Time and Work Balancing
 - Module 5: Error Proofing / Poka-Yoke
 - Module 6: Visual Management using Jidoka / Andon
 - Module 7: Quick Changeovers and SMED
- ◆ Advanced Statistical Process Control (SPC)
- ◆ Visual Management of Process Information
- ◆ Control and Audit Planning
- ◆ Dashboard Development

Presented By:



MBizM Sdn. Bhd.(909178-T)

(formerly known as: Meridian Biz Management)

Unit No. 1131, Block A3, Jalan PJS 8/9,
Leisure Commerce Square, 46150 PJ, Selangor, Malaysia.
Tel: 0138801776