ADVANCED LEAN PRACTITIONER

Introduction

Programme Overview

Building on the Practitioner Level body of knowledge, this programme gives candidates an increased knowledge of the Lean toolkit and an awareness of the importance of Change Management techniques to ensure successful change. Advanced Lean Practitioners are equipped with the tools, knowledge and facilitation and change leadership skills to be able to lead CI/Lean activities at all levels from the introduction of 5S and Visual Management into a work area, and the facilitation of Kaizen Rapid Improvement Events through to the facilitation of Value Stream improvement activities.

This highly practical course is designed to enable participants to attain Lean Practitioner level certification with the British Quality Foundation (BQF) or the Lean Competency System (LCS). It can be attended either as a full 5 day programme or as a 2 day upgrade from Lean Practitioner level.

Audience

This training is suitable for anyone requiring a practical, in depth introduction to the deployment of Lean. The tools are relevant and applicable across all sectors.

There are no pre-requisites for attending the full 5 day programme.

Candidates attending the 2 day upgrade will already have a recognised qualification either as a Lean Practitioner or equivalent.

The course also provides an ideal 'top up module' for people who have been trained as Six Sigma Green Belts or Black Belts, where Lean Thinking may not have been appropriately covered.

Learning Outcomes

➢ A comprehensive understanding of the principles, concepts and origins of CI/Lean Thinking and how they have evolved, including an awareness of the Toyota Way philosophy and principles.

➢ Using the right tools and techniques, candidates can demonstrate their ability to design and deliver sustainable improvement with effective ongoing management controls.

➢ Able to provide mentoring and coaching to teams and individuals, and support the development and deployment of a sustainable CI/Lean Programme.

In Company

This programme is delivered in-company and can be tailored where required to align with in-company standards and/or tool templates.

The programme is 5 days (2 days for upgrade) and can be delivered on-site or virtually.

The sessions will be bespoke, lively and highly practical, delivering a memorable learning experience for the delegates.

Content

The importance of Customers (Suppliers and Stakeholders)
- o Developing Critical to Quality Customer Requirements (CTQs)
- o Determining the relevant process measures
- o Identifying Customer Value and the Moments of Truth
- o Use of the Kano model

How the work gets done
- o Standard Operating Procedures (standard work)
- o Understanding how the processes flow
- o Creating Process and Value Stream maps
- o Identifying Value-Add and Non-Value-Add activity
- o Data collection and display
- o Understanding variation and the use of Control Charts
- o Developing Visual Management

Optimising process flow
- o Stabilising the process
- o Reducing/removing Non-Value Add activity
- o Identifying and reducing waste
- o Demonstrating the use of the Theory of Constraints in addressing bottle-necks
- o Levelling and sequencing production (Heijunka)
- o Identifying the opportunity for Just in Time and Kanban (Pull production/Single piece flow)
- o Identifying the opportunity for enhanced workplace layout

The importance of team working
- o The team roles required to deliver a Lean environment
- o Communication
- o Team briefings
- o Ensuring the use of up to date Visual Management

Leading improvement activity
- o Identifying, prioritising and scoping improvement projects
- o Following DMAIC (Define, Measure, Analyse, Improve and Control) or PDCA (Plan, Do, Check, and Act),
- o Planning and facilitating Kaizen Rapid Improvement Events
- o Assessing and managing risk
- o Developing and maintaining Storyboards/A3s
- o Understanding E = Q x A, ensuring effective 'buy-in'
- o Ensuring effective Control Plans

Project scoping and strategic awareness
- o Use of a diagnostic scoping tool to define current status,readiness and opportunity
- o Process stability assessment
- o Team selection
- o Communication and Change management techniques