



Black Belt **stanwick** Lean **academy**

Context

You wish to take things to the next level, after following a Green Belt Lean Six Sigma or a Lean Manufacturing Champions training of a Process Improvement Methodologies training, and deepen your knowledge of applicable Lean techniques? Don't miss the opportunity & sign up for our Black Belt training, module Lean.

What can you expect?

We provide insight into more technical tools from the lean toolbox that have proven to be of great help in solving everyday problems in an industrial environment:

- Productivity improvements (>20%) in production environments:
 - By installing standard work
 - Through visualisation and load levelling
 - Through line balancing exercises
- Breakthrough improvements in quality systems through application of Poka Yoke (Zero defects)
- How SMED can substantially (>50%) improve rebuild time, but also how to optimise shutdown (preventive maintenance) using the same methodology.
- Improved supply chain performance (less stock and improved OTIF)
- How do we organise breakthrough improvement ourselves?
- How can we deal with complexity and variation in customer demand and gain a strategic advantage?

Our approach

- The Black Belt Lean training module consists of 3 consecutive days.
- This training offers a mix of theoretical foundation and practical exercises and offers the opportunity to exchange experiences with other participants.
- After the training program, it is possible after agreement, to use a project coaching approach (content coaching, preparation and evaluation of the project story board for certification, ...).

Target group

This program is focused on those people who have experience in projects and who are involved in the improvement of complex manufacturing or design processes. A knowledge of Lean and DMAIC is obviously a plus.

Programme

- Recap and deepening of:
 - 5 Lean Principles and different types of wastes
 - Value Stream Mapping
 - Current state
 - Manufacturing Critical Time path (MCT)
 - Design future state
 - End-to-End value stream mapping
 - Lean toolbox: standard work, OEE, Kaizen, SMED, calculating Kanban, line balancing, load levelling, ...
- In addition, we delve further into:
 - Demand analysis (product family portfolio, Glenday sieve, ABC-XYZ classification)
 - Advanced lean toolbox: rhythm wheels, S&OP, scenario thinking
 - Basics of factory physics and system dynamics