



**silicon
beach**
TRAINING

THIS IS TO CERTIFY THAT

Lee Moffatt

Has attended and successfully completed

Lean Six Sigma Greenbelt training 22nd – 26th May 2006

Define

- Understanding Variability
- Project Charter
- Stakeholder Analysis
- Communication Plan
- Identify and segment Key Customers
- Critical to Quality (CTQ) Requirements
- Verifying CTQs
- Hi-level Process map
- Process Vision
- Project Plan

Measure

- Measurement Basics
- Measurement process and plan
- Selecting Measures
 - Measuring Value
 - Cost of Poor Quality
- Data definition and sources
- Gauge R&R
- Sampling
- Measuring yields and capability
- Implementing the measurement plan

Analyse

- Data Analysis
 - Pareto charts
 - Frequency charts
 - Run charts
 - Variation
- Process Mapping and Analysis
 - Value Stream Analysis
 - Complexity
- Cause and Effect Analysis
- Verifying causes
 - Scatter diagrams
 - Design of Experiments

Improve

- Process Vision
- Brain storming
- Lean principles
 - 5S's
 - Little's Law
 - Push versus Pull
 - Visibility
 - Setup reduction
- Theory of Constraints
- Evaluating solutions
 - Decision Analysis
 - Impact Effort Matrix
- Selecting solutions
- Developing solution options
- Business scenarios
- Pilot testing
- FMEA risk analysis
- Implementation planning
 - Force field analysis

Control

- Simple and appropriate documentation
- Mistake Proofing
- Statistical Control
 - Variation
 - Control Charts
 - I, X Bar and R Charts
- Response Charts
- Process Management
- Process Scorecards
- Project Close and Handover

Colin Welch
Training Manager
Silicon Beach Training

silicon beach training

86 gloucester road, brighton, east sussex bn1 4ap

t/f: 01273 622272 e: info@siliconbeachtraining.co.uk w: siliconbeachtraining.co.uk