



Velile Supply Chain Projects & Consulting (Pty) Ltd

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SIX SIGMA GREEN BELT COURSES IN SOUTH AFRICA

Our six sigma green belt courses in South Africa are presented as live, virtual, instructor-led courses, face-to-face classes or online, eLearning self-study, video driven training.

Green belt six sigma practitioners apply the right tools at the right time to maximize efficiency in defining, measuring, analysing, improving, and controlling critical processes to increase cost savings. We run both six sigma and lean six sigma green belt courses.

COURSE OUTLINE

+ 5 days of training

+ 1 Hour written exam

+ 3 Months to submit project

Green Belts play an important role in your company's Lean Six Sigma implementation strategy. They are the problem solvers assigned to Black Belt projects. Learn how to apply the right tools at the right time to maximize efficiency in defining, measuring, analysing, improving, and controlling critical processes to increase cost savings. Six Sigma South Africa™ lean six sigma green belt courses are scheduled often in Pretoria, Johannesburg, Cape Town and Durban. Virtual lean green belt six sigma training is available world wide.

<p>Chapter 1: Introduction</p> <ul style="list-style-type: none"> • History • Lean Six Sigma Definitions • Understanding Six Sigma • Understanding Lean Principles • Understanding Losses Attributable to "Waste" • Interrelationship of Lean Six Sigma • Six Sigma Fundamentals • Selection of Projects 	<p>Chapter 4: Analyse</p> <ul style="list-style-type: none"> • Identification of Potential Causes • Hypothesis Testing • Chi-Square & ANOVA • Correlation Analysis • Regression Analysis • Basic Design of Experiments • Quick Changeover (SMED) • Inferential Statistics
<p>Chapter 2: Define</p> <ul style="list-style-type: none"> • Selecting an Output Characteristic ("Y") • Defining Performance Standards • Describing the Process • Value Stream Mapping • Swim Lane Mapping • Project Charters • Cost of Poor Quality • Understanding Basic Statistics 	<p>Chapter 5: Improve</p> <ul style="list-style-type: none"> • Regression • Establishing Operating Tolerances • Re-evaluating the measurement system • Total Productive Maintenance • Cellular Manufacturing • 5S – Visual Management • Process Modelling Regression • Designing Experiments



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Chapter 3: Measure <ul style="list-style-type: none">• Process Definition• Variable Gage R&R• Attribute Agreement Analysis• Variables Data Capability Analysis• Attribute Data Capability Analysis• Process Discovery• Six Sigma Statistics• Measurement System Analysis• Process Capability	Chapter 6: Control <ul style="list-style-type: none">• Lean Controls• Principles of Statistical Process Control• Process Capability• Error Proofing• Reliability & Asset Utilization• Standardized Work• Pull Systems• Understand the 5 phases of the Control Plan
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