

Lean Six Sigma Pocket Guide

Unlike other pocket guides, this guide is designed specifically to address topics that the author has found to cause problems, issues, and concerns for most Black Belts over the years. As such, its primary purpose is to serve as a useful reference guide for the Black Belt throughout his or her busy day, and particularly in meetings. Though not intended to be a tool guide like other pocket guides or a preparation guide for the ASQ certifications, it will nonetheless serve as a useful reference guide for both the ASQ Black Belt and Master Black Belt certification examinations. Black belts will enjoy reading this pocket guide and find it invaluable in their daily work.

StatStuff.com is the only FREE resource for complete Lean Six Sigma training. StatStuff is frequently used and endorsed worldwide by many leaders in Fortune 500 companies including Apple, Sprint, PepsiCo, eBay, Bank of America, Staples, Honeywell, DuPont, SunTrust Banks, BP, Wells Fargo, etc. Some of their comments include: "StatStuff provides a wealth of information that is extremely helpful..." "Excellent content that's easy to understand with practical applications to make each concept real and relevant..." "StatStuff is a commendable initiative and after watching your videos I feel mastered in Lean and Six Sigma concepts...The quality of information and the way each video is organized and concepts illustrated are the best I have ever seen for a training video." What is Lean Six Sigma? If you ask 10 different experts, you're likely to get 12 different answers.

But Lean Six Sigma doesn't have to be so difficult to explain or understand. It is simply a way of using data to solve problems and make businesses more profitable. StatStuff helps demystify the complex tools and concepts of Lean Six Sigma with practical ways to apply them to any business in any industry (manufacturing, healthcare, call centers, retail, etc.). This softbound book is a practical reference guide that compiles all of the written and illustrated content from the StatStuff training videos. Its 370 pages are filled with the same full-color illustrations used in the videos and is a perfect resource to complement what you're learning from the videos. Have you already taken advantage of the free training videos from StatStuff? If so, then you already know it can be difficult to take notes or remember the many details covering the Lean Six Sigma tools and concepts. Rather than re-watching each video to review the tools again, you can make more effective and efficient use of your time by getting the book "Lean Six Sigma the StatStuff Way".

Inleiding tot een methode voor het doorvoeren van extreme procesverbeteringen in bedrijven en bij de overheid.

TWO PROVEN TOOLS FOR SUCCESS IN ONE STEP-BY-STEP POCKET GUIDE Whether you've been using Six Sigma for years or are just starting to, you know it takes hard work to get it right. But WorkOut, developed by General Electric, can increase Six Sigma's success. Rath & Strong's WorkOut for Six Sigma Pocket Guide shows you how, with an action-ready game plan that you can apply to your initiative - right now. Learn how to: Set

the stage for Six Sigma's success Find out if you're in trouble - and get back on track Make a good Six Sigma initiative even better See actual results--in less than three months "If you want to bring the power of WorkOut to Six Sigma, this pocket guide is an invaluable tool."--Ron Ashkenas, co-author of *The GE Work-Out Six Sigma: A data-driven approach to meeting customer requirements, solving process problems, and achieving bottom-line results. WorkOut: The revolutionary problem-solving program that brings management and workers together to bust bureaucracy. Companies worldwide use Six Sigma to measure and improve performance. Others use WorkOut to get quick bottom-line results and empower their workforce. But few enjoy the enormous success General Electric achieved by combining these approaches. Rath & Strong shows you how to get that synergy, with a handy pocket guide full of charts, checklists, assessment tools, and cases that help you: Prepare for, reenergize, or enhance a Six Sigma initiative Use a fast, simple alternative to Six Sigma Make your culture more participative, data-driven, and customer-focused Engage your front-line workers in Six Sigma*

The New and Definitive User's Guide to Lean Six Sigma
If you're a business manager, you already know that Lean Six Sigma is one of the most popular and powerful business tools in the world today. You also probably know that implementing the process can be more than a little challenging. This step-by-step guide shows you how to customize and apply the principles of Lean Six Sigma to your own organizational needs, giving you more

options, strategies, and solutions than you'll find in any other book on the subject. With these simple, proven techniques, you can:

- * Assess your current business model and shape your future goals
- * Plan and prepare a Lean Six Sigma program that's right for your company
- * Engage your leadership and your team throughout the entire process
- * Align your LSS efforts with the culture and values of your business
- * Develop deeper insights into your customer experience
- * Master the art of project selection and pipeline management
- * Tackle bigger problems and find better solutions
- * Become more efficient, more productive, and more profitable

This innovative approach to the Lean Six Sigma process allows you to mold and shape your strategy as you go, making small adjustments along the way that can have a big impact. In this book, you'll discover the most effective methods for deploying LSS at every level, from the leaders at the top to the managers in the middle to the very foundation of your company culture. You'll hear from leading business experts who have guided companies through the LSS process—and get the inside story on how they turned those companies around. You'll also learn how to use the latest, greatest management tools like Enterprise Kaizen, Customer Journey Maps, and Hoshin Planning. Everything you need to implement Lean Six Sigma—smoothly and successfully—is right here at your fingertips. When it comes to running a business, there is no better way to improve efficiency, increase productivity, and escalate profits than Lean Six Sigma. And there is no better book on how to make it work than *Innovating Lean Six Sigma*.

Not a tool guide or a test-prep guide, this book is designed specifically to address topics that the author has found to cause problems, issues, and concerns for most Black Belts over the years.

This book is a comprehensive guideline for the Management of processes and quality by applying LEAN and SIX SIGMA. It includes various statistical tools and applications for Minitab. Additional several Management tools and models are presented, useful in combination with a SIX SIGMA approach. Lean - SIX SIGMA is a powerful tool for Management and improvements in efficiencies to be applied on all levels in an organization. SIX SIGMA is also used to solve complex problems in the process or can be developed as a company value or company culture, dedicated to quality and change. With the necessary support by Senior Management all key staff members in the company should familiar with the methodologies presented here to achieve the benefits from Lean - SIX SIGMA.

If you are starting to learn about the concepts of streamlining a business process, you are in the right place. We will introduce you to the methodologies of Lean, Six Sigma, and Lean Six Sigma. People with no experience in this area can get an idea of what it is all about. Get to know more about Lean Six Sigma, how important it is, and how you can benefit from it professionally with this book, and begin your journey towards building a strong career path.

Private Sector Strategies for Public Service Leaders No corner of the government or public sector has been spared from budget turmoil in recent years. Among budget cuts, increased requirements, and new threats and challenges, governments typically balance the scales through (1) increased funding and/ or (2) rationalizing services or service levels. This book gives you a third option. It's called high

performance, and it's been implemented in the private sector—with great success—for more than two decades. This hands-on guide, written by the global consultants from Accenture, shows you how to apply these business principles in any public organization. Learn how to: Improve the outcomes you deliver— while lowering the cost to deliver them. Streamline your operations—by increasing speed, agility, and efficiency. Build a high-performance “anatomy” to strengthen your organization. Manage assets, decrease risks and losses, and deliver true excellence. Featuring case studies from the public sector, including federal, state, local, agencies, bureaus, and departments, this unique guide takes you inside government organizations, where high performance “anatomy” is already making a difference. You'll discover low-cost techniques deployed by the Naval Air Systems Command and the IRS, as well as high-performance solutions for problems as diverse as homeland security, disaster response, health care costs, and dwindling resources. High Performance Government provides a proven method for adapting to the “New Normal” of lower budgets by showing you how to do even more with even less—creating a learning, working environment that reacts to change. This is how the top companies in the world increase productivity and profits through any market conditions. From Wall Street to Washington and Main Street, real success is driven by execution excellence. This book gives you the solutions you need to lower cost and create a leaner more efficient organization. Praise for Building High Performance Government “Building High Performance Government is a fast read with a big message. It explains how the inevitable downsizing of governments at all levels—federal, state, local—doesn't have to also mean fewer or lower-quality services. This book highlights viable strategies already in use today to create better alignment and greater productivity in

government.” —Graham Richards, Former Mayor of Fort Wayne, Indiana “Every level of government is experiencing a budget crunch these days, and that always results in slashing services. This book can help public sector leaders find another option—how to deliver on their core mission at a much lower cost.” —Sean O’Keefe, CEO , EADS North America, former Administrator of NASA, former Secretary of the Navy and former chancellor of Louisiana State University (LSU) “A solid read for federal, state, and local government leaders wondering how to ‘do more, without more.’ Building High Performance Government focuses on the main things that leaders can do to help their organization get more out of each tax dollar while also improving quality and speed—an absolutely essential requirement in today’s fiscally constrained environment.” —David Melcher, Senior Vice President, ITT Corporation; President, ITT Defense & Information Solutions, US Army Lieutenant General (Ret.) formerly the Army’s Military Deputy for Budget and Deputy Chief of Staff for Programs in the Pentagon

A simple, take-along guide to achieving lasting business results A companion to the bestselling Rath & Strong Pocket Guide to Six Sigma, Rath & Strong's Pocket Guide to Advanced Six Sigma Tools is designed to help Six Sigma black belts, green belts, and team leaders from every field to implement the most powerful tools in Six Sigma without getting bogged down in statistical theory. This pocket-sized field guide provides practical advice on the use of advanced tools, such as: sampling, analysis of variance, multiple regression, and design of experiments. Each tool is explained in easy-to-understand language, permitting the reader to solve real-world problems in any area of business. Covers step-by-step implementation of the most important Six Sigma tools. Features a heavy emphasis on applying the best tools to solve practical business problems. Explains how to use

Microsoft Excel and Minitab statistical software to simplify the process.

Inleiding tot een methode voor het stroomlijnen van bedrijfsprocessen, het verbeteren van efficiency en effectiviteit en het vergroten van de klanttevredenheid.

Bring the miracle of Lean Six Sigma improvement out of manufacturing and into services Much of the U.S. economy is now based on services rather than manufacturing. Yet the majority of books on Six Sigma and Lean--today's major quality improvement initiatives--explain only how to implement these techniques in a manufacturing environment. Lean Six Sigma for Services fills the need for a service-based approach, explaining how companies of all types can cost-effectively translate manufacturing-oriented Lean Six Sigma tools into the service delivery process. Filled with case studies detailing dramatic service improvements in organizations from Lockheed Martin to Stanford University Hospital, this bottom-line book provides executives and managers with the knowledge they need to: Reduce service costs by 30 to 60 percent Improve service delivery time by 50 percent Expand capacity by 20 percent without adding staff Maximise the quality and efficiency of your organisation with Lean Six Sigma Are you looking to make your organisation more effective and productive? If you answered "yes," you need to change the way it thinks. Combining the leading improvement methods of Six Sigma and Lean, this winning technique drives performance to the next level—and this friendly and accessible guide shows you how. The third edition of Lean Six Sigma For Dummies outlines the key concepts of this strategy and explains how you can use it to get the very best

out of your team and your business. The jargon-crowded language and theory of Lean Six Sigma can be intimidating for both beginners and experienced users. Written in plain English and packed with lots of helpful examples, this easy-to-follow guide arms you with tools and techniques for implementing Lean Six Sigma and offers guidance on everything from policy deployment to managing change in your organisation—and everything in between. Gives you plain-English explanations of complicated jargon Serves as a useful tool for businesspeople looking to make their organisation more effective Helps you achieve goals with ease and confidence Provides useful hands-on checklists Whether you want to manage a project more tightly or fine-tune existing systems and processes, the third edition of Lean Six Sigma For Dummies makes it easier to achieve your business goals.

The most important reference to Lean Six Sigma?fully updated for the latest advances This thoroughly revised, industry standard guide delivers all the information you need to apply Lean Six Sigma techniques and dramatically improve processes, profitability, sustainability, and long-term growth. Written by two of the foremost authorities in the field, the book contains full explanations of the latest lean, problem solving and change management principles and methods. You will discover how to build the best teams and foster effective leadership while

maximizing customer satisfaction and boosting profits. The book includes coverage of the recently released Minitab 18. The Six Sigma Handbook, Fifth Edition covers:

- Building the responsive Six Sigma organization
- Recognizing and capitalizing on opportunity
- Data-driven management
- Maximizing resources
- Project management using DMAIC and DMADV
- The define phase
- The measure phase
- Process behavior charts
- Measurement systems evaluation
- The analyze phase
- The improve/design phase
- The control/verify phase

This book is for those in healthcare practices whose customers/payers may be encouraging or requiring them to use Lean Six Sigma in the workplace, or to simply improve the way healthcare is being provided. The book is intended to be a basic, easy-to-read, quick and handy reference to the process improvement topics that are so important in healthcare. The first seven sections of the book cover the basics of Lean Six Sigma ("What is Lean Six Sigma?" through a "Lean Six Sigma Road Map for the Practice") and how it can be applied and implemented in the Practice. The remainder of the pocket guide gives a brief description of the various tools and methodologies used in Lean Six Sigma. Each discussion has purposefully been kept short and simple to allow for basic understanding. Also included are tips of how or when to use the tool. Current books on Lean Six Sigma for service

Transactional organizations either require a significant technical background, or are rather conceptual in nature and lack the detail of the tools, how to use them, and the practical skill-building exercises needed to give readers the ability to actually implement Lean Six Sigma in their

"The Lean Six Sigma Pocket Toolbook blends Lean and Six Sigma tools and concepts, providing expert advice on how to determine which tool within a 'family' is best for different purposes. Packed with detailed examples and step-by-step instructions, it's the ideal handy reference guide to help Green and Black Belts make the transition from the classroom to the field."--Resource description page.

A BUSINESSWEEK BESTSELLER Bestselling Lean Six Sigma author Michael George provides the first pocket guide for deployers of Lean Six Sigma The Lean Six Sigma Pocket Toolbook blends Lean and Six Sigma tools and concepts, providing expert advice on how to determine which tool within a "family" is best for different purposes. Packed with detailed examples and step-by-step instructions, it's the ideal handy reference guide to help Green and Black Belts make the transition from the classroom to the field. Features brief summaries and examples of the 70 most important tools in Lean Six Sigma, such as "Pull," "Heijunka," and "Control Charts" Groups tools by purpose and usage Offers a quick, easy reference on using the DMAIC improvement

cycle Provides comprehensive coverage in a compact, portable format

A Six Sigma mentoring guide presents a clear outline of the DMAIC model and guidelines for implementing specific teaching and leadership methodologies into an organization within a specific timeline.

The Lean Six Sigma Pocket Toolbook: A Quick Reference Guide to Nearly 100 Tools for Improving Quality and Speed McGraw Hill Professional

Time and quality are the two most important metrics in improving any company's production and profit performance. Lean Six Sigma explains how to impact your company's performance in each, by combining the strength of today's two most important initiatives--Lean Production and Six Sigma--into one integrated program. The first book to provide a step-by-step roadmap for profiting from the best elements of Lean and Six Sigma, this breakthrough volume will show you how to: *

Achieve major cost and lead time reductions this year * Compress order-to-delivery cycle times * Battle process variation and waste throughout your organization
Praktische gids voor een manier van bedrijfsvoering waarbij met minder inspanningen en minder investeringen betere resultaten worden geboekt.

Al dertig jaar een internationale managementbestseller! Het doel heeft het managementdenken in de westerse wereld veranderd. Goldratt werd door het tijdschrift Fortune uitgeroepen tot 'goeroe van de industrie'. Door Business Week uitgeroepen tot 'genie'. In een spannend detectiveverhaal vecht Alex Rogo voor het behoud van zijn bedrijf. Met hulp van een oud

studievriend slaagt hij erin om conventionele denkwijzen aan de kant te schuiven. Op deze manier handelt hij op een originele manier. Elk proces blijkt beperkingen te hebben die echte groei en ontwikkeling belemmeren. Het verhaal verklaart de basisprincipes van de beperkingentheorie. Dit is de Theory of Constraints, ontwikkeld door Eliyahu Goldratt. Al meer dan zes miljoen exemplaren wereldwijd verkocht! Eliyahu Goldratt is bij miljoenen lezers een begrip als wetenschapper, leermeester en managementgoeroe. Over de hele wereld passen economen en managers zijn gedachtegoed toe in hun eigen organisaties.

A refreshingly practical guide to real-world continuous improvement Lean Six Sigma for Leaders presents a no-frills approach to adopting a continuous improvement framework. Practical, down-to-earth and jargon-free, this book outlines the basic principles and key points of the Lean Six Sigma approach to help you quickly determine the best course for your company. Real-world case studies illustrate implementation at various organisations to show you what went right, what went wrong, what they learned and what they would have done differently, giving you the distilled wisdom of hundreds of implementations with which to steer your own organisation. Written from a leader's perspective, this quick and easy read presents the real information you need to make informed strategic decisions. While many organisations have implemented either Lean or Six Sigma, there is a growing interest in a combined approach; by implementing the most effective aspects of each, you end up with a more potent, adaptable system

that benefits a wider range of organisations. This book shows you how it works, and how to tailor it to your organisation's needs. Understand the basic principles and key aspects of Lean Six Sigma Examine case studies of organisations that have implemented the framework Build on the lessons learned by other leaders to shape your own path Achieve continuous improvement by creating the right environment for success In theory, every organisation would like to attain continuous improvement — but what does that look like in day-to-day practice? How is it structured? What practices are in place? How can you implement this new approach with minimal disruption to daily operations? Lean Six Sigma for Leaders answers these questions and more, for a clear, actionable guide to real-world implementation.

Vital tools for implementing Lean Six Sigma--what they are, how they work, and which to use The Lean Six Sigma Pocket Toolbook is today's most complete and results-based reference to the tools and concepts needed to understand, implement, and leverage Lean Six Sigma. The only guide that groups tools by purpose and use, this hands-on reference provides: Analyses of nearly 100 tools and methodologies--from DMAIC and Pull Systems to Control Charts and Pareto Charts Detailed explanations of each tool to help you know how, when, and why to use it for maximum efficacy Sections for each tool explaining how to create it, how to interpret what you find, and expert tips Lean Six Sigma is today's leading technique to maximize production efficiency and maintain control over each step in the managerial process. With The Lean Six Sigma Pocket Toolbook, you'll discover how to propel your organization to

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new levels of competitive success--one tool at a time. Meet all your customers' needs—and your company's goals—with the tools and techniques of Lean Six Sigma 2 top-quality guides in 1 powerful eBook package! When you combine Lean Production and Six Sigma, you can't fail to deliver positive results on a continual basis. This powerful mix—called Lean Six Sigma—is what some of the world's most successful organizations use to launch themselves ahead of the competition—and stay there. Now, from one convenient ebook, you can access everything you need to accomplish the same goals. Lean Six Sigma—An Introduction and Toolkit provides all the background and tools you need to start your company on the path to long-term success. This two-in-one ebook contains: What Is Lean Six Sigma? This plain-English guide explains how you can use Lean Six Sigma to identify and eliminate waste, cut costs, and grow revenue. Featuring charts, diagrams, and case studies, it walks you through all the fundamentals, explaining the "four keys" and how they apply to your own job: Delight your customers with speed and quality Improve your processes Work together for maximum gain Base decisions on data and facts The Lean Six Sigma Pocket Toolbox The Lean Six Sigma Pocket Toolbook is today's most complete and results-based reference to the tools and concepts you need to understand, implement, and leverage Lean Six Sigma. This hands-on reference provides: Analyses of nearly 100 tools and methodologies--from DMAIC and Pull Systems to Control Charts and Pareto Charts Detailed explanations of each tool to help you know how, when, and why to use it for maximum efficacy Sections for each tool explaining how to create it, how to interpret what you find, and expert tips The perfect prescription for any organization Increasingly popular with large and mid-sized companies around the world, Lean Six Sigma is the new hybridization of Six Sigma

and Lean methodologies, and there is no better approach for achieving operational excellence in an organization. But how do you implement Lean Six Sigma, and what does it entail? The Complete Idiot's Guide to Lean Six Sigma answers this question with unprecedented clarity and turnkey elegance. Part one gives you all the background you need to understand Lean Six Sigma - what it is, where it came from, what it has done for so many organizations and what it can do for you and your company. Parts two and three of the book give you a prescribed yet flexible roadmap to follow in selecting, enacting and realizing improvements from Lean Six Sigma projects. Within this step-by-step structure, the authors demonstrate when and how to use the many Lean Six Sigma statistics and 'tools', packing the pages with diagrams, real-life examples, templates, tips and advice. If you are a Green Belt or a Black Belt, or trainee, these two parts will be invaluable to you. The Complete Idiot's Guide to Lean Six Sigma is the first book of its kind to integrate the Lean Six Sigma tools within a clear stepwise progression, so readers know when and how to actually apply them in their jobs. As such, this book is superior as a companion to any corporate or organizational Lean Six Sigma 'deployment'. No more complex hodgepodge. Other books about Lean and/or Six Sigma tend to provide a lot of good information, tools and statistics, but mostly in a disconnected way, not in a way that is straightforward and user friendly. This makes an already complex subject seem still complex to the neophyte reader. On the other hand, the structure and progression of this book unfolds Lean Six Sigma in a way that a reader can easily become a user, and move more quickly from knowledge to application. Therefore, using The Complete Idiot's Guide to Lean Six Sigma, you know why the statistics are important and where to use them, because this is made clear. You know how and when to use a Pareto Chart, or do a

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Stakeholder Analysis, or conduct a Failure Mode and Effects Analysis (FMEA). You not only get fully primed on all the parts and parcels of Lean Six Sigma, but you truly learn enough to become dangerous - in a good way! In a way that makes you more valuable to your organization. Also for Lean Six Sigma leaders, not just practitioners. Just as a Lean Six Sigma practitioner follows a proven formula for process improvement, a Lean Six Sigma Leader generally follows a process for achieving organizational transformation. This is why the final part of the book focuses on what a Lean Six Sigma leader or Champion needs to know and do to be successful - again according to a detailed step-by-step process that can be followed exactly or modified to fit specific needs. This includes: ? Identifying and selecting Lean Six Sigma projects. ? Understanding the process of organizational transformation. ? Installing an infrastructure for Lean Six Sigma deployment.

Shares an overview and introduction to Six Sigma concepts, terminology and methods, outlining 41 Six Sigma tools including the "Critical To Quality" tree, the "Failure Mode and Effects Analysis" and the VOC Data-Collection System, detailing step-by-step approaches for specific needs from strengthening a market position to increasing profits.

This pocket guide is designed to be a quick, on-the-job reference for anyone interested in making their workplace more effective and efficient. It will provide a solid initial overview of what "quality" is and how it could impact you and your organization. Use it to compare how you and your organization are doing things, and to see whether what's described in the guide might be useful. The tools of quality described herein are universal. People across the world need to find better, more effective ways to improve the creation and performance of products and services. Since organizational and process improvement is increasingly integrated into all

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areas of an organization, everyone must understand the basic principles of process control and process improvement. This succinct and concentrated guide can help. Unlike any other pocket guide on the market, included throughout are direct links to numerous free online resources that not only go deeper but also to show these concepts and tools in action: case studies, articles, webcasts, templates, tutorials, examples from the ASQ Service Division's Service Quality Body of Knowledge (SQBOK), and much more. This pocket guide serves as a gateway into the wealth of peerless content that ASQ offers.

"The Lean Six Sigma QuickStart Guide was created for both novice-level learners and experts looking to revisit the fundamentals. Built with accessibility in mind, this book is a learn-and-go entry point into this powerful business success methodology."--Back cover.

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