Kaizen in Logistics and Supply Chains

By Euclides Coimbra
Genre: Engineering

Release Date: 2013-05-06

Kaizen in Logistics and Supply Chains by Euclides Coimbra is Engineering CHANGE FOR THE BETTER! Learn to create world-class logistics and supply chains in any industry using kaizen's seven main principles. At a time when businesses are restructuring to become more competitive, many seek a road map to improve their operations. Kaizen in Logistics and Supply Chains is at the forefront of this journey—and can point you in the right direction to help your company in implementing innovative production and logistics systems and changing its culture for the better. Based on the themes of Masaaki Imai's bestseller, Gemba Kaizen, considered the "bible" of the quality/management movement, this new work provides the first highly detailed explanation of how to create world-class logistics and supply chains regardless of industry. It includes more than 200 photographs, flow diagrams, value stream maps, and tables—and features a case study that illustrates how a company became more competitive by successfully implementing kaizen principles. There's never been a better guide to lead your company's quest for improvement. KEY FEATURES: Explanation of how the seven main kaizen principles can be applied to transform world-class logistics and worldwide supply chains Prerequisites for implementing these systems, including stabilization and change management activities Concrete steps to implementing kanban systems, internal and external logistics loops, design flow production lines, and supermarket systems Detailed real-world case study to illustrate successful implementation of the book's theories, and scorecards so readers can evaluate their progress in practice Foreword by Masaaki Imai, Founder and Chairman of the Kaizen Institute, and author of the bestseller Gemba Kaizen

More Recommended Books

The Mobile Wave

By: Michael J. Saylor

In the tradition of international bestsellers, Future Shock and Megatrends, Michael J. Saylor, CEO of MicroStrategy, brings The Mobile Wave, a ground-breaking analysis of the impact of mobile intelligence—the fifth wave of computer technology. The Mobile Wave argues that the changes brought by mobile computing are so big and widespread that it's impossible for us to see it all, even though we are all immersed in it. Saylor explains that the current generation of mobile smart phones and tablet computers has set the stage to become the universal computing platform for the world. In the hands of billions of people and accessible anywhere and anytime, mobile computers are poised to become an appendage of the human being and an essential tool for modern life. With the perspective
of a historian, the precision of a technologist, and the pragmatism of a CEO, Saylor provides a panoramic view of the future mobile world. He describes how: A Harvard education will be available to anyone with the touch of a screen. Cash will become virtual software and crime proof. Cars, homes, fruit, animals, and more will be tagged so they can tell you about themselves. Buying an item will be as easy as pointing our mobile device to scan and pay. Land and capital will become more of a liability than an asset. Social mobile media will push all businesses to think and act like software companies. Employment will shift as more service-oriented jobs are automated by mobile software. Products, businesses, industries, economies, and even society will be altered forever as the Mobile wave washes over us and changes the landscape. With so much change, The Mobile Wave is a guidebook for individuals, business leaders, and public figures who must navigate the new terrain as mobile intelligence changes everything.

**Printing Inks**

By : Brunelli Adriano

This book presents the technological aspects of manufacturing and the correct use of printing ink. Distinction between the different features of the printing inks on the market is not always easy, and in any case the choice must also be made depending on the print media. The main topics discussed are: - classification of printing inks; - the manufacture of ink; - Ink components; - inks for offset printing; - inks for rotogravure printing and flexographic printing; - control of the rheological properties of the ink; - inks and UV paints.

**Las TIC en el Gobierno abierto: Transparencia, participación y colaboración**

By : Fundación Telefónica

El uso de Internet y de las nuevas tecnologías ha cambiado profundamente la forma en la que las personas nos comunicamos e interaccionamos en todos los ámbitos, incluido el Gobierno y la Administración Pública. El Gobierno abierto, como concepto basado en los principios de transparencia, participación y colaboración, y con las TIC como su elemento habilitador, puede ayudar a la mejora de los servicios públicos y a la recuperación de la confianza de la ciudadanía en la clase política y en los gestores públicos. En el informe Las TIC en el Gobierno abierto: Transparencia, participación y colaboración se proporciona un acercamiento a este concepto, explorando sus posibilidades en el ámbito público y privado, prestando especial atención a las tecnologías existentes para implantar un gobierno transparente y participativo, así como los beneficios sociales y económicos derivados del mismo. Como objetivo último, se analiza una posible hoja de ruta para la puesta en marcha de un Gobierno abierto en España.

**Le manioc, entre culture alimentaire et filière agro-industrielle**

By : Philippe Vernier, Nadine Zakhia-Roz

La filière manioc joue un rôle essentiel dans la sécurité alimentaire et l’économie des pays du Sud, surtout en milieu rural et de plus en plus en milieu urbain. Cette production en forte croissance concerne plus d’un demi-milliard d’agriculteurs – souvent parmi les plus pauvres – dans toutes les régions intertropicales. Cet ouvrage présente tous les aspects de la culture (botanique, génétique, multiplication, etc.) et insiste sur les maladies et ravageurs, dont les dégâts risquent de s’accroître avec le changement climatique. Sont décrits les modes de transformation des racines fraîches pour l’alimentation, secteur artisanal très développé par les femmes, mais également en voie de semi-industrialisation dans de nombreux pays. L’essor des produits industriels à base de manioc est abordé à travers la fabrication d’amidon, d’éthanol et d’aliments du bétail. Ainsi, la production de manioc s’insère dans une chaîne de valeur de plus en plus tournée vers l’approvisionnement des villes et de l’industrie, tant pour des usages alimentaires que non alimentaires. Les auteurs montrent que, face aux changements globaux, notamment au réchauffement climatique, les caractères de
résilience du manioc pourraient accroître son rôle crucial pour la sécurité alimentaire des pays tropicaux. Ces évolutions suscitent des besoins importants de recherche sur les variétés et la protection phytosanitaire. Rédigé dans un langage accessible, cet ouvrage concret et illustré, est destiné à tous les acteurs de la filière manioc.

**Bautechnik für Fliesen-, Platten- und Mosaikleger**

By : **Andrea Borgmeier & Hans Braunreiter**


**Casing and Liners for Drilling and Completion**

By : **Ted G. Byrom**

Once thought of as niche technology, operators today are utilizing more opportunities with casing and liners as formations and environments grow in difficulty, especially with the unconventional oil and gas boom. Casing and liners for Drilling and Completions, 2nd Edition provides the engineer and well designer with up-to-date information on critical properties, mechanics, design basics and newest applications for today’s type of well. Renovated and simplified to cover operational considerations, pressure loads, and selection steps, this handbook gives you the knowledge to execute the essential and fundamental features of casing and liners. Bonus features include:

- Additional glossary added to explain oil field terminology
- New appendix on useful every day formulas such as axial stress, shear stress in tubes and principal stress components
- Listing section of acronyms, notations, symbols and constants for quick reference
- Concise step-by-step basic casing design procedure with examples
- Thorough coverage and tips on important field practice for installation topics
- Advanced methods for critical and horizontal well casing design including hydraulic fracturing
- Exhaustive appendices on foundational topics: units & nomenclature, solid mechanics, hydrostatics, borehole environment & rock mechanics, and a summary of useful formulas

**C++ Algorithms for Digital Signal Processing, 2/e**

By : **Paul Embree & Damon Danieli**

This is the eBook version of the printed book. If the print book includes a CD-ROM, this content is not included within the eBook version. 8711B-9 The Next Generation: Wireless Communications for Multimedia and Beyond Of all wireless technologies for personal communications, Code Division Multiple Access (CDMA) offers the best combination of good signal quality, high security, low power consumption, and excellent system reliability. Features added in the IS-95 standard means this impressive list now also includes Third Generation (3G) data capabilities that will allow CDMA providers to offer Internet and intranet services for multimedia applications, high-speed business transactions, and telemetry. The upcoming cdma2000 standard will further expand usable bandwidth without sacrificing voice quality or requiring additional spectrum. In this book by an experienced telecommunications authority, you will learn how to maximize the power of CDMA, migrate existing systems to the newest standards, and prepare for a smooth transition to features yet to come. IS-95 CDMA and cdma2000: Cellular/PCS Systems Implementation covers all aspects of up-to-date CDMA implementation and operation, including: Coding and architecture Radio interface and call flow Physical, data link, and signaling layers Handoff and power control System security Wireless Data Reverse and Forward Link Capacity RF Engineering and network planning Evolution to Third Generation systems Practicing engineers and their managers will benefit from the in-depth coverage of IS-95 systems, RF engineering, and capacity planning. Students will appreciate the
forward-looking approach that offers a look at the future of the industry where they are preparing for careers. IS-95 CDMA and cdma2000: Cellular/PCS Systems Implementation offers both practical applications information and conveniently organized reference materials for anyone interested in the next generation of wireless telecommunications.

**Arduino + Android Projects for the Evil Genius: Control Arduino with Your Smartphone or Tablet**

By: **Simon Monk**

TEAM ARDUINO UP WITH ANDROID FOR SOME MISCHIEVOUS FUN! Filled with practical, do-it-yourself gadgets, Arduino + Android Projects for the Evil Genius shows you how to create Arduino devices and control them with Android smartphones and tablets. Easy-to-find equipment and components are used for all the projects in the book. This wickedly inventive guide covers the Android Open Application Development Kit (ADK) and USB interface and explains how to use them with the basic Arduino platform. Methods of communication between Android and Arduino that don't require the ADK—including sound, Bluetooth, and WiFi/Ethernet are also discussed. An Arduino ADK programming tutorial helps you get started right away. Arduino + Android Projects for the Evil Genius: Contains step-by-step instructions and helpful illustrations Provides tips for customizing the projects Covers the underlying principles behind the projects Removes the frustration factor—all required parts are listed Provides all source code on the book's website Build these and other devious devices: Bluetooth robot Android Geiger counter Android-controlled light show TV remote Temperature logger Ultrasonic range finder Home automation controller Remote power and lighting control Smart thermostat RFID door lock Signaling flags Delay timer

**Spanlose Fertigung Stanzen**

By: **Matthias Kolbe & Waldemar Hellwig**


**Metal Cutting**

By: **Miller Electric**

Metal Cutting discusses the fundamentals of Plasma cutting, a highly productive and versatile
cutting process. With numerous full-color illustrations to describe topics like, Plasma Cutting vs Oxy-Fuel Cutting, Plasma Arc Equipment Requirements, Cutting Speed, Torch Consumables, Extended Cutting vs. Drag Cutting, Cutting Gases, Elements of a Quality Cut, and more. This publication will provide a well-rounded understanding to anyone interested in Plasma Arc Cutting.
Consequently, supply chains performed poorly. Those results aren’t shocking when you consider that supply chains extend across several functions and many companies, each with its own priorities and goals. Yet all those functions and firms must pull in the same direction for a chain to deliver goods and services to consumers quickly and cost-effectively. A supply chain works well only if the risks, costs, and rewards of doing business are distributed fairly across the network. In fact, misaligned incentives are often the cause of excess inventory, stock-outs, incorrect forecasts, inadequate... Cross docking which is defined as the practice in logistics management of unloading materials from an incoming trailer to Kaizen in kanji. Kaizen (改善) is the Sino-Japanese word for “improvement”. In business, kaizen refers to activities that continuously improve all functions and involve all employees from the CEO to the assembly line workers. It also applies to processes, such as purchasing and logistics, that cross organizational boundaries into the supply chain. Kaizen was first practiced in Japan. Supply Chain Management is the process through which an end-product reaches an end-user through the combined effort of various organizations. Here are some reasons why you should consider a career in Supply Chain Management and Logistics. With each passing day, numerous job opportunities are opening in this sector. Careers in this field are paying higher.
Learn to create world-class logistics and supply chains in any industry using kaizen's seven main principles. At a time when businesses are restructuring to become more competitive, many seek a road map to improve their operations. Kaizen in Logistics and Supply Chains is at the forefront of this journey—and can point you in the right direction to help your company in implementing innovative production and logistics systems and changing its culture for the better. Based on the themes of Masaaki Imai's bestseller, Gemba Kaizen, considered the "bible" of the quality/management Supply Chain and Logistics. 28 August 2012 Â· Kaizen was created in Japan following World War II. The word Kaizen means "continuous improvement". It comes from the Japanese words æ™ ("kai") which means "change" or "to correct" and æ—• ("zen") which means "good". Â· Kaizen in Japan is a system of improvement that includes both home and business life. Kaizen even includes social activities. It is a concept that is applied in every aspect of a person's life. In business Kaizen encompasses many of the components of Japanese businesses that have been seen as a part of their success. Quality circles, automation, suggestion systems, just-in-time delivery, Kanban and 5S are all included within the Kaizen system of running a business. The supply chain is an ever growing, ever changing system within your company. No matter if your company handles millions of individual components each year or tens of millions, the ultimate goal is to get a product from one destination to the next in the most efficient, productive manner that also saves money, meets customerÂ· They are tasked with developing innovation improvements. If your supply chain is using Kaizen, it is continuously making small improvements to achieve a better level of function. How can you implement it into your company? Kaizen is a way of thinking. One of the key focuses is on eliminating waste within the supply chain. This may include (as defined by Toyota when creating this philosophy.): Producing too much.