World Class Production And Inventory Management

World Class Production and Inventory Management-Darryl V. Landraver 1997-07-31 The definitive guide to the latest tools & techniques for achieving success in manufacturing, distribution, and planning. Now completely revised and expanded, World Class Production and Inventory Management presents the latest information on the unique tools and techniques needed to manage the planning and production of a manufacturing enterprise. Including acutely new chapter on Efficient Consumer Response (ECR), updated case studies, and additional information on manufacturing integration, this comprehensive reference includes: * Step-by-step implementation techniques in each key area of production and inventory management * Fresh perspectives on manufacturing integration and multipledemand stream management * Best-in-class examples from companies such as Abbott Laboratories, Boeing, and Martin Marietta * Proven guidelines for avoiding the most common problems and achieving continually higher levels of performance * Self-assessment questions helpful in measuring the performance of your company in each operating area. Comprehensive and accessible, World Class Production and Inventory Management is an invaluable resource for APICS members seeking CPIM certification, as well as for those in charge of managing successful manufacturing enterprise.

Lean Production-John Black 2008 "This newly-revised and greatly expanded volume aims to provide a readable, real-world roadmap for putting into place the indispensable strategy and tactics managers need to make lean work and move their organizations - whether manufacturing or service-based - toward a world-class production system. Drawing upon decades of experience in the front lines of lean production and organizational transformation, the author provides cases, anecdotes, examples, rationales, and concrete tools to help business leaders stop talking about lean production and actually make progress toward achieving it. It's the perfect resource for leaders at all levels who are interested in improving their competitiveness, building more successful operations, and moving toward world-class performance in customer satisfaction, profitability, and employee satisfaction." -BOOK JACKET

Performance Measurement for World Class Manufacturing-Brian H. Maskell 1991-07-01 If your company is adopting world class manufacturing techniques, you'll need new methods of performance measurement to control production variability. In practical terms, this book describes the new methods of performance measurement and how they are used in a changing environment. For manufacturing managers, as well as cost accountants, it provides the theoretical foundation for these innovative methods and is supported by extensive practical examples.

Total Materials Management-Eugene L. Magal 2013-06-29 Reflecting the enhance role of materials/logistics management in today's competitive business environment, this new edition provides a fundamental understanding of the subject and its fuction in all sectors of the economy. It examines the vital area of customer service and shows how to implement a world class, integrated materials/logistics system that control activities starting with the supplier, through the company operation, and concluding with the satisfied customer. Thoroughly revised and updated, the Second Edition features new chapters on Just-In-Time and automation. Additional discussions include achieving world class competitiveness, ISO 9000 and organizational trends. Theoretical and practical examples of materials/logistics management are integrated with numerous real-life examples. This Second Edition of Total Materials Management presents accessible approaches for enhancing materials management/logistics, enabling personnel in purchasing, warehousing, physical distribution, materials handling, inventory control and production control to capitalize on vast opportunities for savings. This book is also an important resource for students in courses on materials/logistics management.

World Class Manufacturing Casebook-David F. Ross 2012-12-06 It has been said that every generation of historians seeks to rewrite what a previous generation had established as the standard interpretations of the motives and circumstances shaping the fabric of historical events. It is not the facts of history that have changed. No one will dispute that the battle of Waterloo occurred on June 11, 1815 or that the allied invasion of Europe began on June 6, 1944. What each new age of historians are attempting to do is to reinterpret the motives of men and the force of circumstance impacting the direction of past events based on the factual, social, intellectual, and cultural milieu of their own generation. By examining the facts of history from a new perspective, today's historians hope to reveal some new truth that will not only illuminate the course of history but also validate contempo
Learning From World Class Manufacturers-Marek Szweczykowski 2012-12-04 Manufacturing managers are still focused on the short-term tactical issues related to their business. Strategic issues tend to receive less attention. However, manufacturing can play an important strategic role. Learning From World Class Manufacturers 2012 helps managers consider the strategic roles their operations can play and provides guidance as to what actions can be taken.


Lean Production for Competitive Advantage-John Nicholas 2011-06-23 The Lean concepts and principles described in this book have revolutionized manufacturing practice and business conduct in a manner similar to what Henry Ford's system did for mass manufacturing. Lean production however, involves much more than the adoption of methods and procedures, it requires a change in management philosophy that emphasizes relationship building, trust, and responsibility being conferred to frontline workers and suppliers. Based on three decades of teaching experience, Lean Production for a Competitive Advantage: A Comprehensive Guide to Lean Methodologies and Management Practices introduces the Lean philosophy and illustrates the effective application of Lean tools with real-world case studies. From fundamental concepts to integrated planning and control in pull production and the supply chain, the book provides a complete introduction to Lean production. Coverage includes small batch production, setup reduction, pull production, preventive maintenance, standard operations, as well as operating and synchronizing lean operations. Detailing the key principles and practices of Lean production, the text also: Illustrates effective implementation techniques with case studies from a range of industries Includes questions and completed problems in each chapter Explains how to effectively partner with suppliers and employees to accomplish productivity goals Designed for students who have a basic foundation in production and operations management, the text provides a thorough understanding of the fundamental principles of Lean. It also offers practical know-how for implementing a culture of continuous improvement on the shop floor or in the office, creating a heightened sense of responsibility and pride in all stakeholders involved, and enhancing productivity and efficiency to improve the bottom line.

APICS, the Performance Advantage- 2002 Logistics of Production and Inventory-Stephen C. Graves 1993-06-10 Handbook 33rd International Conference Proceedings, October 8-12, 1990, New Orleans, Louisiana-American Production and Inventory Control Society. International Conference 1990 Manufacturing Planning and Control for Supply Chain Management-Thomas E. Vollmann 2005 Vollmann, Berry, Whybark and Jacobs', Manufacturing Planning & Control Systems, 5/e provides comprehensive real world based coverage of the concepts, tools, and methods used to manage and control manufacturing systems. This major revision contains four entirely new chapters and four thoroughly upgraded to nearly original content. ERP system coverage and the impact of them in the field is covered now in a new introductory chapter (4) as well as being integrated heavily into many other chapters from Sales and Operations Planning (3) to Advanced Scheduling Systems (16).

Manufacturing Planning and Control Systems for Supply Chain Management-Thomas E. Vollmann 2005 The classic field handbook for the manufacturing professional has been revised to reflect many important changes in the manufacturing field including the pervasiveness of ERP systems and the continuing decentralization of decision making to the factory floor.

The Manufacturing Strategy & Planning Checklist World Class Manufacturing-Richard Schonberger 1986 Since the invention of the double-entry bookkeeper, managers have judged a company's worth by sales and profits. Now, a world-renowned scholar, theoretician, and guru of production and manufacturing exposes the fallacies of this timeless practice. Armed with new world-class benchmark data, Schonberger redefines excellence in terms of competency, capability, and customer-focused, employee-driven, data-based performance.

Handbook of Industrial Engineering-Gavriel Salvendy 2001-05-25 Unrivaled coverage of a broad spectrum of industrial engineering concepts and applications The Handbook of Industrial Engineering, Third Edition contains a vast array of timely and useful methodologies for achieving increased productivity, quality, and competitiveness and improving the quality of working life in manufacturing and service industries. This astoundingly comprehensive resource also provides a cohesive structure to the discipline of industrial engineering with four major classifications: technology; performance improvement management; management, planning, and design control; and decision-making methods. Completely updated and expanded to reflect nearly a decade of important developments in the field, this Third Edition features a wealth of new information on project management, supply-chain management and logistics, and systems related to service industries. Other important features of this essential reference include: * More than 1,000 helpful tables, graphs, figures, and formulas * Step-by-step descriptions of hundreds of problem-solving methodologies * Hundreds of clear, easy-to-follow application examples * Contributions from 176 accomplished international professionals with diverse training and affiliations * More than 4,000 citations for further reading The Handbook of Industrial Engineering, Third Edition is an immensely useful one-stop resource for industrial engineers and technical support personnel in corporations of any size; continuous process and discrete part manufacturing industries; and all types of service industries, from healthcare to hospitality, from retailing to finance. Of related interest...
and practice. Integration and collaboration are keywords in future competition. Firms must be agile and lean at the same time. The book gives an insightful overview of the conceptual foundations of the global supply chain, as well as current examples of the best practice of managing supply chains in a global context.

Advances in Manufacturing, Production Management and Process Control-Waldemar Karwowski 2019-06-24 This book discusses the latest advances in manufacturing and process control, with a special emphasis on digital manufacturing and intelligent technologies for manufacturing and industrial processes control. The human aspect of the developed technologies and products, their interaction with the users, as well as sustainability issues, are covered in detail. Development of new products using rapid prototyping systems, remote fabrication, and other advanced techniques, is described in detail, highlighting the state-of-the-art and current challenges. Based on both the AHFE 2019 International Conference on Human Aspects of Advanced Manufacturing, and the AHFE 2019 International Conference on Advanced Production Management and Process Control, held on July 24-28, 2019, in Washington D.C., USA, this book also highlight important strategies for managing enterprise of the future.

World-Class Warehousing and Material Handling, Second Edition-Edward H. Frazelle 2016-03-15 The classic guide to warehouse operations—now fully revised and updated with the latest strategies, best practices, and case studies Under the influence of e-commerce, supply chain collaboration, globalization, and quick response, warehouses today are being asked to do more with less. The expectation now is that warehouses execute an increase in smaller transactions, handle and store more items, provide more product and service customization, process more returns, offer more value-added services, and receive and ship more international orders. Compounding the difficulty of meeting this increased demand is the fact that warehouses now have less time to process an order, less margin for error and fewer skilled personnel. How can a warehouse not only stay afloat but thrive in today’s marketplace? Efficiency and accuracy are the keys to success in warehousing. Despite today's just-in-time production mentality and efforts to eliminate warehouses and their inventory carrying costs, effective warehousing continues to play a critical bottom-line role for companies worldwide. World-Class Warehousing and Material Handling, 2nd Edition is the first widely published methodology for warehouse problem solving across all areas of the supply chain, providing an organized set of principles that can be used to streamline all types of warehousing operations. This comprehensive resource provides authoritative answers on such topics as: · The seven principles of world-class warehousing · Warehouse activity profiling · Warehouse performance measures · Warehouse automation and computerization · Receiving, storage and retrieval operations · Picking and packing, and humanizing warehouse operations Written by one of today's recognized logistics thought leaders, this fully updated comprehensive resource presents timeless insights for planning and managing 21st-century warehouse operations.
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