Where To Download Standard Work For The Shopfloor Shopfloor Series Pdf For Free

Standard Work for the Shopfloor Kaizen for the Shop Floor Kaizen for the Shop Floor Pull Production for the Shopfloor *TPM for Supervisors Just-In-Time for Operators Kanban for the Shopfloor* **Competitive Advantage on the Shop Floor Identifying Waste on the Shopfloor** Shop Floor Control Systems Oee for Operators **Focused Equipment Improvement for TPM Teams** *Chaos on the Shop Floor New Shop Floor Management* Identifying Waste on the Shopfloor Learning on the Shop Floor **Managing the Shopfloor Autonomous Maintenance in Seven Steps On the Shop Floor** *Fashion Buying* **Shop Floor Control - A Systems Perspective** Pull Production for the Shopfloor *Cellular Manufacturing* **The Story of Industrial Engineering** *Tpm for Supervisors Quick Changeover for Operators* **Trust and Power on the Shop Floor** 5S for Operators TPM for Every Operator **From the Shop Floor to the Top Floor** The Digital Shopfloor - Industrial Automation in the Industry 4.0 Era **Autonomous Maintenance for Operators Kanban for the Shopfloor Improving Changeover Performance** Creating Level Pull **Revival: Voices from the Shop Floor (2001)** *Kanban for the Shopfloor* **Recent Trends in Industrial and Production Engineering Information Technology for Manufacturing** Autonomous Maintenance for Operators

Learning on the Shop Floor Jul 16 2021 Apprenticeship or vocational training is a subject of lively debate. Economic historians tend to see apprenticeship as a purely economic phenomenon, as an 'incomplete contract' in need of legal and institutional enforcement mechanisms. The contributors to this volume have adopted a broader perspective. They regard learning on the shop floor as a complex social and cultural process, to be situated in an ever-changing historical context. The results are surprising. The authors convincingly show that research on apprenticeship and learning on the shop floor is intimately associated with migration patterns, family economy and household strategies, gender perspectives, urban identities and general educational and pedagogical contexts.

On the Shop Floor Apr 12 2021 On the Shop Floor: Two Studies of Workshop Organization and Output is an empirical study of the social factors influencing output in factories. The book investigates the correlation between worker social behavior and production output levels. The text presents a firsthand account of the social behavior of workers in two separate and unrelated workshops. Technological and administrative controls, social structure, and resolution of conflicts in the workshops are analyzed. The book also considers output performance of individual workers involving case studies of factors influencing performance. The general conclusion provides hypotheses to explain the differences in behavior between the two workshops. Managers, human resource practitioners, sociologists, industrial engineers, researchers, and business students will find the book invaluable.

Focused Equipment Improvement for TPM Teams Nov 19 2021 As distinguished from autonomous maintenance, where the main goal is to restore basic conditions of cleanliness, lubrication, and proper fastening to prevent accelerated deterioration, FEI looks at specific losses or design weaknesses that everyone previously thought they just had to live with. Once your TPM operator teams are progressing with their daily autonomous maintenance activities, you will want to take the next advanced step in TPM training with this book. Key Features: a simple and powerful introduction to P-M Analysis hints for unraveling breakdown analysis numerous ideas for simplifying and shortening setups ideas for eliminating minor stoppages and speed losses basic concepts of building quality into processing real-life examples from a leading Japanese tool company Educate and empower all your workers to support your TPM improvement activities with

Pull Production for the Shopfloor Jan 10 2021 In a "pull" production system, the final process pulls needed parts from the previous process, which pulls from the process before it, and so on, as determined by customer demand. This allows you to operate without preset schedules and avoid unnecessary costs, wastes, and delays on the manufacturing floor. Pull Production for the Shopfloor introduces production teams and managers to basic pull production concepts, enabling them to begin understanding, planning, and implementing this lean tool. Use this book to get everyone on board to reduce work in process inventory, lead-time, and other profit-draining expenses. This book will enable plant managers to explain and thereby get support the support they need from higher management for their pull implementation efforts. In this book you will learn about: Key concepts and applications of pull production The five steps to implementing a pull production system Production leveling Line balancing Managing pull production with kanban One-piece flow production Linking your suppliers to your pull production system Productivity's Shopfloor Series books offer a simple, cost-effective approach for building basic knowledge about key manufacturing improvement topics. Like all our Shopfloor Series books, Pull Production for the Shopfloor includes innovative instructional features that are the signature of the Shopfloor Series. The goal: to place powerful and proven improvement tools such as pull production techniques in the hands of your entire workforce. Key learning features include: Well-organized, and easy-to-assimilate learning Chapter overviews and summaries Questions throughout each chapter to help you apply the learning to your own workplace Drawings and illustrations Margin icons that flag definitions, main points, and other highlights

Chaos on the Shop Floor Oct 19 2021

Recent Trends in Industrial and Production Engineering Aug 24 2019 This book presents the select proceedings of the International Conference on Advances in Sustainable Technologies (ICAST 2020), organized by Lovely Professional University, Punjab, India. This book caters to the industrial and production engineering aspects. It covers the industrial and production engineering areas such as sustainable manufacturing systems, decision sciences, supply chain management, Just in Time (JIT), logistics and supply chain management, rapid prototyping and reverse engineering, quality control and reliability, six sigma, smart manufacturing, time and motion study, six sigma, ergonomics, operations management, manufacturing management, metrology, manufacturing process optimization, machining and machine tools, casting, welding, and forming. This book will be useful for industry professionals and researchers working in the area of mechanical engineering, especially industrial and production engineering.

Kanban for the Shopfloor Jan 28 2020 This is the Leader's Guide that accompanies the Kanban for the Shopfloor Learning Package.

Shop Floor Control - A Systems Perspective Feb 08 2021 Shop floor control and namely the problem of job shop scheduling have been fields of research for a long time. However, until now no comprehensive framework on the various aspects exists. This book will provide a systems perspective towards shop floor control by stressing its sociotechnical and cybernetical nature. It focuses on the behavioral aspects of control activities and sees the shop floor as the center of value-adding manufacturing activities within an enterprise. The book enables the reader to understand the interaction of organization, information technology and human resources. This eventually allows to achieve holistic and agile solutions and facilitates profound organizational change. The book will therefore provide a welcome addition to several standard textbooks on the issue.

Standard Work for the Shopfloor Oct 31 2022 Standard work is an agreed upon set of work procedures that effectively combines people, materials, and machines to maintain quality, efficiency, safety, and predictability. Work is described precisely in terms of cycle time, work in process, sequence, time, layout, and the inventory needed to conduct the activity. Standard work begins as an improvement baseline and evolves into a reliable method. It establishes the best activities and sequence steps to maximize performance and minimize waste. In this book you will learn about: The characteristics of standards Key benefits and applications of standardization Standard work concepts and calculations Standard work steps and documentation Using standard work manuals, charts, and worksheets Cell staffing (line balancing and full work) Productivity's Shopfloor Series books offer a simple, cost-effective approach for building basic knowledge about key manufacturing improvement topics. Like all our Shopfloor Series books, Standard Work for the Shopfloor includes innovative instructional features that are the signature of the Shopfloor Series. The goal: to place powerful and proven improvement tools such as pull production techniques in the

hands of your entire workforce.

Creating Level Pull Nov 27 2019 The Creating Level Pull workbook shows you how to advance a lean transformation from a focus on isolated improvements to improving the entire plantwide production system by implementing a lean production control system. "The workbook is unique because it is a step-by-step case study on how to implement a level, pull-based production control system," said author Art Smalley. This is a new step towards 'system kaizen that is not yet well understood outside of Toyota.The lean efforts at most companies focus on "point kaizen" (e.g., reducing set up times, implementing 5S, etc.) that improves a small portion of the value stream running from raw materials to finished products. Or they focus on "flow kaizen" that improves the entire value stream for one product family. Creating Level Pull shows how companies can make the leap to "system kaizen" by introducing a lean production control system that ties together the flows of information and materials supporting every product family in a facility. With this system in place, each production activity requests precisely the materials it needs from the previous activity and demand from the customer is levelled to smooth production activities throughout the plant.[Source : 4e de couv.].

Revival: Voices from the Shop Floor (2001) Oct 26 2019 This title was first published in 2001. This edition presents the view that strategies which aim for team building without recognizing the importance of diversity are likely to have limited success. This volume makes use of the an ethnographic account of an occupational industry based around lock manufacturing in England, plus a number of ethnographically informed industrial relations accounts from the developing world. The book presents some examples from the lock industry ethnographies, exploring the experience of work on the assembly line in a lock factory from both the perspective of an ethnographic observer and then from the perspective of two assembly line workers themselves. It also presents a developing world example. The ethnographic observer's view is complemented and challenged by the accounts of the people rersearched. The accounts provided give a small glimpse of the many themes that arise in the workplace.

The Story of Industrial Engineering Nov 07 2020 Industrial engineering is the profession dedicated to making collective systems function better with less waste, better quality, and fewer resources, to serve the needs of society more efficiently and more effectively. This book uses a story-telling approach to advocate and elaborate the fundamental principles of industrial engineering in a simple, interesting, and engaging format. It will stimulate interest in industrial engineering by exploring how the tools and techniques of the discipline can be relevant to a broad spectrum of applications in business, industry, engineering, education, government, and the military. Features Covers the origin of industrial engineering Discusses the early pioneers and profiles the evolution of the profession Presents offshoot branches of industrial engineering Illustrates specific areas of performance measurement and human factors Links industrial engineering to the emergence of digital engineering Uses the author’s personal experience to illustrate his advocacy and interest in the profession

Cellular Manufacturing Dec 09 2020 Cellular Manufacturing: One-Piece Flow for Workteams introduces production teams to basic cellular manufacturing and teamwork concepts and orients them for participating in the design of a new production cell. Use this book to get everyone on board to reduce lead time, work-in-process inventory, and other profit-draining wastes. Each chapter includes an overview and a summary to reinforce concepts, as well as reflection questions, which can be used to encourage group discussions. This volume is part of Productivity Press’ Shopfloor Series, which offers a simple, cost-effective approach for building basic knowledge about key manufacturing improvement topics

Managing the Shopfloor Jun 14 2021

Quick Changeover for Operators Sep 05 2020 The powerful knowledge contained in this book can make your workplace more productive, your job simpler, and everything more satisfying. It's about how to do equipment or product changeovers in record time--often in less than 10 minutes. The method you'll learn here is called SMED, short for "Single-Minute Exchange of Die" (the "single" here means a single-digit number of minutes). Developed from a longer book, A Revolution in Manufacturing: The SMED System(cat no. PP9903), written for managers, this book is written for frontline production and assembly associates. It presents an overview of the reasons why SMED is important for companies and employees, sets out the three basic stages of SMED, and then devotes a separate chapter to each of these stages. The first chapter of the book is like an "owner's manual" that tells you how to get the most out of your reading time by using the margin assists, summaries, and other features of the book to help pull out exactly what you need. One of the most effective ways to use this book is to read and discuss it with other employees. The authors planned the book so that it can be used this way, organizing the book into chunks of information that can be covered in a series of short sessions. Each chapter includes reflection questions to stimulate group discussion. A Learning Package is also available (catalog no.PP7126), which includes a leader's guide, overhead transparencies to summarize major points, and color slides showing examples of SMED applications in different kinds of companies. s of the book to help pull out exactly what you need. One of the most effective ways to use this book is to read and discuss it with other employees. The authors planned the book so that it can be used this way, organizing the book into chunks of information that can be covered in a series of short sessions. Each chapter includes reflection questions to stimulate group discussion. A Learning Package is also available (catalog no.PP7126), which includes a leader's guide, overhead transparencies to summarize major points, and color slides showing examples of SMED applications in different kinds of companies.

Shop Floor Control Systems Jan 22 2022 In recent years there has been a tremendous upsurge of interest in manufac turing systems design and analysis. Large industrial companies have realized that their manufacturing facilities can be a source of tremendous opportunity if managed well or a huge corporate liability if managed poorly. In particular industrial managers have realized the potential of well designed and installed production planning and control systems. Manufacturing, in an environment of short product life cycles and increasing product diversity, looks to tech niques such as manufacturing resource planning, Just In Time (IIT) and total quality control among others to meet the challenge. Customers are demanding high quality products and very fast turn around on orders. Manufacturing personnel are aware of the lead time from receipt of order to delivery of completed orders at the customer's premises. It is clear that this production lead time is, for the majority of manufacturing firms, greatly in excess of the actual processing or manufacturing time. There are many reasons for this, among them poor coordination between the sales and manufacturing function. Some are within the control of the manufacturing function. Others are not.

Tpm for Supervisors Oct 07 2020 The benefits of advanced manufacturing methods can't be realized until they're practiced consistently and proficiently by your entire workforce. Here's a simple, low-cost way to get everyone on board quickly. This small book presents the basic methodology of TPM and focuses on hands-on activities for shopfloor teams to maximize equipment effectiveness. Feedback from our customers indicates that this book has been used primarily by shopfloor supervisors to lead operator teams in implementing TPM programs. For the most cost effective on-site education, every supervisor and team leader in your operation should read this book. TPM for Supervisors offers an overview of the basic features of TPM as well as the implementation process in an easy-to-follow presentation. It focuses on the important role of supervisors in maximizing equipment effectiveness. For the most cost-effective on-site education, every supervisor in your operation should read this book. It presents the basic methodology of TPM in clear, accessible language and will help supervisors implement TPM improvement activities on the shop floor. It's the best way to ensure a companywide understanding of TPM.

Identifying Waste on the Shopfloor Aug 17 2021 Like all Shopfloor Series books, Identifying Waste on the Shopfloorpresents concepts and tools in simple and accessible language. The book includes many illustrations and examples to explain basic concepts and some of the challenges that are encountered when looking for and eliminating waste. Identifying Waste on the Shopfloor is the ideal compliment to 5S, TPM, and other tools for building a lean manufacturing operation. Productivity's Shopfloor Series books offer a simple, cost-effective approach for building basic knowledge about key manufacturing improvement topics. Identifying Waste on the Shopfloor and all our Shopfloor Series books include innovative instructional features that are the signature of the series. The goal: to place powerful and proven improvement tools in the hands of your entire workforce.

Kaizen for the Shop Floor Sep 29 2022 The philosophy of kaizen, which simply means continuous improvement, needs to adopted by any organization seeking to implement lean improvements that go beyond cost cutting. Kaizen events are opportunities to make focused changes in the workplace. Kaizen for the Shopfloor takes readers through the critical steps for conducting a very effective kaizen event: one that is well

planned, well implemented, and well documented. As the newest addition to the Shingo Prize Winning Shopfloor Series, Kaizen for the Shopfloor distills the complexities of jump starting lean processes into an easily accessible format for those frontline employees who make lean possible. About the Shopfloor Series: Put proven improvement tools in the hands of your entire workforce! Progressive shopfloor improvement techniques are imperative for manufacturers who want to stay competitive and to achieve world class excellence. And it's the comprehensive education of all shopfloor workers that ensures full participation and success when implementing new programs. The Shopfloor Series books make practical information accessible to everyone by presenting major concepts and tools in simple, clear language and at a reading level that has been adjusted for operators by skilled instructional designers. One main idea is presented every two to four pages so that the book can be picked up and put down easily. Each chapter begins with an overview and ends with a summary section. Helpful illustrations are used throughout.

Autonomous Maintenance in Seven Steps May 14 2021 Autonomous maintenance is an especially important pillar of Total Productive Maintenance (TPM) because it enlists the intelligence and skills of the people who are most familiar with factory machines-- equipment operators. Operators learn the maintenance skills they need to know through a seven-step autonomous maintenance program. Most companies in the West stop after implementing the first few steps and never realize the full benefits of autonomous maintenance. This book contains comprehensive coverage of all seven steps--not just the first three or four. It includes: An overview of autonomous maintenance features and checklists for step audits to certify team achievement at each AM step. TPM basics such as the six big losses, overall equipment effectiveness (OEE), causes of losses, and six major TPM activities.An implementation plan for TPM and five countermeasures for achieving zero breakdowns.Useful guidelines and case studies in applying AM to manual work such as assembly, inspection, and material handling.Integrates examples from Toyota, Asai Glass, Bridgestone, Hitachi, and other top companies. By treating machines as partners and taking responsibility for them, you get machines that you can rely on and help maintain an energized and responsive workplace. For companies that are serious about taking autonomous maintenance beyond mere cleaning programs, this is an essential sourcebook and implementation support.

TPM for Every Operator Jun 02 2020 TPM for Every Operator covers the information that needs to be communicated to operators when facilitating a company-wide TPM initiative. It covers the main aspects of TPM, introducing frontline workers to this important manufacturing strategy that encourages them to participate in and even initiate routine maintenance that can help extend machine life and prevent stoppages. Based on actual implementations, this book addresses the challenges which TPM often raises for operators. Concise and accessible, it can be used as part of an extensive TPM training program, especially when paired with the TPM Guide for Workshop Leaders.

Oee for Operators Dec 21 2021 Overall Equipment Effectiveness (OEE) is a crucial measure in TPM that reports on how well equipment is running. It factors three elements ---the time the machine is actually running, the quantity of products the machine is turning out, and the quantity of good output - into a single combined score. Directly addressing those who are best positioned to track and improve the effectiveness of equipment, OEE for Operatorsdefines basic concepts and then provides a systematic explanation of how OEE should be applied to maximize a piece of equipment's productivity and recognize when its efficiency is being compromised. Features

Identifying Waste on the Shopfloor Feb 20 2022 Like all Shopfloor Series books, Identifying Waste on the Shopfloorpresents concepts and tools in simple and accessible language. The book includes many illustrations and examples to explain basic concepts and some of the challenges that are encountered when looking for and eliminating waste. Identifying Waste on the Shopfloor is the ideal compliment to 5S, TPM, and other tools for building a lean manufacturing operation. Productivity's Shopfloor Series books offer a simple, cost-effective approach for building basic knowledge about key manufacturing improvement topics. Identifying Waste on the Shopfloor and all our Shopfloor Series books include innovative instructional features that are the signature of the series. The goal: to place powerful and proven improvement tools in the hands of your entire workforce.

New Shop Floor Management Sep 17 2021 In this first comprehensive departure from the time-and-motion dictums of Frederick Taylor's Shop Management that have influenced management practices for most of this century, Kiyoshi Suzaki offers a framework for successfully conducting business at its most crucial point-the shop floor. Drawing on the principles of holistic management, where organizational boundaries are smashed and co-destiny is created, Suzaki demonstrates how modern shop floor management techniques -- focusing maximum energy on the front line -- can lead to dramatic improvements in productivity and valueadded-to-services. The role of management today, Suzaki argues, is to eliminate its own responsibilities by thinking of the organization from the genba, or shop floor, point of view. In this challenge, Suzaki claims, organizations need to collect the wisdom of people by practicing "Glass Wall Management," where organizations become transparent, enabling employees to contribute maximum creativity as opposed to blocking their potential with what he calls "Brick Wall Management." Further, to empower individuals to selfmanage their work and satisfy their customers, Suzaki asserts that they all should learn to manage their own "mini-company," where everybody is considered president of his or her area of responsibility. Front-line supervisors, Suzaki shows, must develop a mission and goals and share them both up and downstream. He cites examples of the "shop floor point of view" -- McDonald's Corporation's legal staff learning how to sell hamburgers and fix milkshake machines; Honda's human resource staff training on the assembly line -- that narrow the gap between top management and the shop floor. By upgrading people's skills, focusing on empowerment, and streamlining processes, Suzaki illustrates that an organization will realize concrete improvements in quality, cost, delivery, safety, morale, and ultimately, its competitive position.

TPM for Supervisors Jun 26 2022 The benefits of advanced manufacturing methods can't be realized until they're practiced consistently and proficiently by your entire workforce. Here's a simple, low-cost way to get everyone on board quickly. This small book presents the basic methodology of TPM and focuses on hands-on activities for shopfloor teams to maximize equipment effectiveness. Feedback from our customers indicates that this book has been used primarily by shopfloor supervisors to lead operator teams in implementing TPM programs. For the most cost effective on-site education, every supervisor and team leader in your operation should read this book. TPM for Supervisors offers an overview of the basic features of TPM as well as the implementation process in an easy-to-follow presentation. It focuses on the important role of supervisors in maximizing equipment effectiveness. For the most cost-effective on-site education, every supervisor in your operation should read this book. It presents the basic methodology of TPM in clear, accessible language and will help supervisors implement TPM improvement activities on the shop floor. It's the best way to ensure a companywide understanding of TPM.

The Digital Shopfloor - Industrial Automation in the Industry 4.0 Era Mar 31 2020 The first part is devoted to digital automation platforms, including an introduction to Industry 4.0 and digital automation platforms The second part focuses on the presentation of digital simulation and functionalities The third part provides information about assets and services that boost the adoption of digital automation functionalities

Autonomous Maintenance for Operators Feb 29 2020 TPM leads to soaring productivity when your operators are positively and energetically involved in the maintenance of their own equipment. Autonomous Maintenance for Operatorsteaches specific autonomous maintenance activities. For operators, supervisors, team leaders, and TPM coordinators, this book provides useful guidance and case study examples on autonomous maintenance. Activity boards, one-point lessons, photos, cartoons, and actual examples of implementation demonstrate the huge benefits of developing informed, motivated operators who take ownership of and improve their equipment. Shopfloor operators will learn: 4 skills they can develop to keep equipment running smoothly. how to inspect for problems as they clean equipment. ideas for containing debris that shortens equipment life. tips for effective lubrication management. how to use activity boards, meetings, and one-point lessons to promote TPM goals. This book assumes some familiarity with the steps of autonomous maintenance and focuses on specific autonomous maintenance activities.

Kanban for the Shopfloor Apr 24 2022 Kanban is the name given to the inventory control card used in a pull system. The primary benefit of kanban is to reduce overproduction, the worst of the seven deadly wastes. A true kanban system produces exactly what is ordered, when it is ordered, and in the quantities ordered. It is essentially a dynamic work order that moves with the material. Each kanban identifies the part or subassembly unit and indicates where each one came from and where each is going. Used this way, kanban acts as a system of information that integrates your plant, connects all processes one to another, and connects the entire value stream to customer demand. Kanban for the

Shopfloor provides a working manual for those seeking to implement this method of production control in any operation. It defines the various terms and methods employed in kanbans, and illustrates how when adhered to, kanban is an element of continuous improvement that ultimately leads to the ideal of one-piece flow." In addition to reducing the waste of overproduction, kanban will help your company increase flexibility to respond to customer demand, coordinate production of small lots and wide product variety, and simplify the procurement process. About the Shopfloor Series: Put proven improvement tools in the hands of your entire workforce! Progressive shopfloor improvement techniques are imperative for manufacturers who want to stay competitive and to achieve world class excellence. And it's the comprehensive education of all shopfloor workers that ensures full participation and success when implementing new programs. The Shopfloor Series books make practical information accessible to everyone by presenting major concepts and tools in simple, clear language and at a reading level that has been adjusted for operators by skilled instructional designers. One main idea is presented every two to four pages so that the book can be picked up and put down easily. Each chapter begins with an overview and ends with a summary section. Helpful illustrations are used throughout. Other topics in the Shopfloor Series: Kanban, 5S, Quick Changeover, Mistake-Proofing, Just-in-Time, TPM, Cellular Manufacturing

From the Shop Floor to the Top Floor May 02 2020 Do you seek to be successful in all parts of your life, especially your business? During his forty-six-year career with Lanier, the author rose from an entry-level repairman to the Chairman and CEO of the company. During his tenure, the revenues grew from $2 million to $1.4 billion. In From the Shop Floor to the Top Floor: Releasing the CEO Within, author Wes Cantrell not only offers a fresh look at realizing purpose and finding success in life, but he shares how Biblical beliefs can change your thinking about the relationship between God, success, wealth, and you. Cantrell maps his journey from the shop floor to the top floor with personal examples and lessons that he learned along the way. Cantrell presents 7 Keys that unlock the doors and facilitate your upward movement in any vocation and guide you to releasing the success potential the Lord has placed within you. Your purpose will become clear when you take responsibility for your personal development and focus on how your thinking and development must align with the Scripture. Success is unique for everyone in God s world. Cantrell s lessons and experiences will assist you in understanding God s plan for you. God takes interest in your success, be it business or elsewhere and while you may not become the CEO of a large company, you can certainly become the CEO of your own life.

Improving Changeover Performance Dec 29 2019 Improving Changeover Performance is essential reading for managers, engineers and improvement practitioners working in manufacturing industries. It will also prove invaluable to original equipment manufacturers and postgraduates and academic researchers alike. Increasing importance is being placed on responsive, flexible manufacture in multi-product industrial environments. The ability to changeover production facilities both quickly and to a high standard is a key component of just-in-time and lean manufacturing paradigms, which are increasingly being adopted as businesses strive to compete in today's volatile and congested markets. Currently industry frequently adopts the SMED (Single Minute Exchange of Die) system, a well-established shop floor method to improve changeovers. This book takes a major step beyond the SMED system, by describing in much greater detail than hitherto the potential role of engineering design, of both substantive and non-substantive nature, to enhance changeovers. It also clearly sets out what better changeover performance can contribute to business competitiveness, and describes the many pitfalls that an improvement initiative can face. Provides overall methodology for changeover improvementIncorporates design into SMED system Recommended by the IMechE Journal of Engineering Manufacture

Autonomous Maintenance for Operators Jun 22 2019 TPM leads to soaring productivity when your operators are positively and energetically involved in the maintenance of their own equipment. Autonomous Maintenance for Operatorsteaches specific autonomous maintenance activities. For operators, supervisors, team leaders, and TPM coordinators, this book provides useful guidance and case study examples on autonomous maintenance. Activity boards, one-point lessons, photos, cartoons, and actual examples of implementation demonstrate the huge benefits of developing informed, motivated operators who take ownership of and improve their equipment. Shopfloor operators will learn: 4 skills they can develop to keep equipment running smoothly. how to inspect for problems as they clean equipment. ideas for containing debris that shortens equipment life. tips for effective lubrication management. how to use activity boards, meetings, and one-point lessons to promote TPM goals. This book assumes some familiarity with the steps of autonomous maintenance and focuses on specific autonomous maintenance activities.

Trust and Power on the Shop Floor Aug 05 2020 Annotation "In his book, Verkerk investigates the shop floor processes of modern factories. Two ethnographical case studies are presented from the perspective of a factory manager. He shows that high-trust and high-power relations between management and employees are the basic conditions for responsible, accountable, and successful organisations. In a philosophical argument, he develops an ethics of responsibility combining the ideas of humanity, trust and power on the shop floor, and the normative development of organisational structures."--BOOK JACKET. Title Summary field provided by Blackwell North America, Inc. All Rights Reserved.

Information Technology for Manufacturing Jul 24 2019 This book describes a vision of manufacturing in the twenty-first century that maximizes efficiencies and improvements by exploiting the full power of information and provides a research agenda for information technology and manufacturing that is necessary for success in achieving such a vision. Research on information technology to support product and process design, shop-floor operations, and flexible manufacturing is described. Roles for virtual manufacturing and the information infrastructure are also addressed. A final chapter is devoted to nontechnical research issues.

Competitive Advantage on the Shop Floor Mar 24 2022 William Lazonick explores how technological change has interacted with the organization of work, with major consequences for national competitiveness and industrial leadership. Looking at Britain, the United States, and Japan from the nineteenth century to the present, he explains changes in their status as industrial superpowers. Lazonick stresses the importance for industrial leadership of cooperative relations between employers and shop-floor workers. Such relations permit employers to use new technologies to their maximum potential, which in turn transforms the high fixed costs inherent in these technologies into low unit costs and large market shares. Cooperative relations can also lead employers to invest in the skills of workers themselves--skills that enable shop-floor workers to influence quality as well as quantity of production. To build cooperative shop-floor relations, successful employers have been willing to pay workers higher wages than they could have secured elsewhere in the economy. They have also been willing to offer workers long-term employment security. These policies, Lazonick argues, have not come at the expense of profits but rather have been a precondition for making profits. Focusing particularly on the role of labor-management relations in fostering "flexible mass production" in Japan since the 1950s, Lazonick criticizes those economists and politicians who, in the face of the Japanese challenge, would rely on free markets alone to restore the international competitiveness of industry in Britain and the United States.

Kaizen for the Shop Floor Aug 29 2022 The philosophy of kaizen, which simply means continuous improvement, needs to adopted by any organization seeking to implement lean improvements that go beyond cost cutting. Kaizen events are opportunities to make focused changes in the workplace. Kaizen for the Shopfloor takes readers through the critical steps for conducting a very effective kaizen event: one that is well planned, well implemented, and well documented. As the newest addition to the Shingo Prize Winning Shopfloor Series, Kaizen for the Shopfloordistills the complexities of jumpstarting lean processes into an easily accessible format for those frontline employees who make lean possible. About the Shopfloor Series: Put proven improvement tools in the hands of your entire workforce! Progressive shopfloor improvement techniques are imperative for manufacturers who want to stay competitive and to achieve world class excellence. And it's the comprehensive education of all shopfloor workers that ensures full participation and success when implementing new programs. The Shopfloor Series books make practical information accessible to everyone by presenting major concepts and tools in simple, clear language and at a reading level that has been adjusted for operators by skilled instructional designers. One main idea is presented every two to four pages so that the book can be picked up and put down easily. Each chapter begins with an overview and ends with a summary section. Helpful illustrations are used throughout. Other topics in the Shopfloor Series: Kanban, 5S, Quick Changeover, Mistake-Proofing, Just-in-Time, TPM, Cellular Manufacturing

Fashion Buying Mar 12 2021 Containing fully updated and beautifully illustrated need-to-know info, this revised second edition of the bestselling textbook on fashion buying contains everything today's fashion management student needs to give them a clear head-start in this

lucrative but highly competitive industry. Fashion Buying uniquely looks at what fashion buying entails in terms of the activities, processes and people involved - from the perspective of the fashion buyer. The book breaks down the five key areas of buying activity for those wishing to pursue a career in the industry, crucially exploring the role of the fashion buyer, sources of buying inspiration, sourcing and communication, merchandise planning and trends in fashion buying. Featuring completely revised content on retail typology (including need-to-know info on demographics, price points and markets), and selecting and buying garments (line sheets, purchase orders and lookbooks), Fashion Buying now includes valuable new sections on customer profiling, merchandise pricing (mark-ups, markdowns and how pricing is calculated for profit), and trends. Also included in this practical handbook are insightful interviews with both established and emergent fashion creatives. Business case studies put the contents of each chapter into professional context and provide insider perspective; while industry-focused exercises and activities enable readers to practise applying their new skills and so gain a competitive advantage in both their studies and buying careers. Written by industry experts, Fashion Buying is an invaluable go-to resource and leading textbook for fashion design, marketing, buying and merchandising students.

Just-In-Time for Operators May 26 2022 Are you ready to implement a just-in-time (JIT) manufacturing program but need some help orienting employees to the power of JIT? Here is a concise and practical guide to introduce equipment operators, assembly workers, and other frontline employees to the basic concepts, techniques, and benefits of JIT practices. Like all Shop Floor Series books, Just-in-Time for Operators presents concepts and tools in simple and accessible language. The book includes ample illustrations and examples to explain basic JIT concepts and some of the changes people may encounter in a JIT implementation.Key definitionsElimination of process wasteLeveled production, kanban, and standard workU-shaped cells and autonomationJIT support techniquesThe JIT approach is simple and universal -- it works in companies all over the world. Educating employees ensures their full participation and allows them to share their experiences and ideas more effectively.

Kanban for the Shopfloor Sep 25 2019 Kanban is the name given to the inventory control card used in a pull system. The primary benefit of kanban is to reduce overproduction, the worst of the seven deadly wastes. A true kanban system produces exactly what is ordered, when it is ordered, and in the quantities ordered. It is essentially a dynamic work order that moves with the material. Each kanban identifies the part or subassembly unit and indicates where each one came from and where each is going. Used this way, kanban acts as a system of information that integrates your plant, connects all processes one to another, and connects the entire value stream to customer demand. Kanban for the Shopfloor provides a working manual for those seeking to implement this method of production control in any operation. It defines the various terms and methods employed in kanbans, and illustrates how when adhered to, kanban is an element of continuous improvement that ultimately leads to the ideal of one-piece flow." In addition to reducing the waste of overproduction, kanban will help your company increase flexibility to respond to customer demand, coordinate production of small lots and wide product variety, and simplify the procurement process. About the Shopfloor Series: Put proven improvement tools in the hands of your entire workforce! Progressive shopfloor improvement techniques are imperative for manufacturers who want to stay competitive and to achieve world class excellence. And it's the comprehensive education of all shopfloor workers that ensures full participation and success when implementing new programs. The Shopfloor Series books make practical information accessible to everyone by presenting major concepts and tools in simple, clear language and at a reading level that has been adjusted for operators by skilled instructional designers. One main idea is presented every two to four pages so that the book can be picked up and put down easily. Each chapter begins with an overview and ends with a summary section. Helpful illustrations are used throughout. Other topics in the Shopfloor Series: Kanban, 5S, Quick Changeover, Mistake-Proofing, Just-in-Time, TPM, Cellular Manufacturing

5S for Operators Jul 04 2020 Hiroyuki Hirano's five pillars of the visual workplace: sort, set in order, shine, standardize and sustain are the most fundamental and often overlooked aspects in continuous improvement initiatives. Together, these concepts form the framework of the 5S System, a set of principles whose simplicity often betrays its powerful impact on the workplace.So much of the 5S System seems like common sense, that it is astonishing how often such seemingly simple practices are absent in manufacturing operations. That is why Productivity Press is proud to bring you 5S for Operators: 5 Pillars of the Visual Workplace, a hands-on book that explains the principles, rationale and implementation details of the 5S System. Easy-to-read and apply, each section of the text is loaded with questions, outlines, summaries, diagrams and illustrations. Most importantly, 5S for Operators provides the foundational knowledge that is essential for implementing not just the 5S System, but overall manufacturing improvements like shorter equipment changeovers, just-in-time inventory, total quality management and total productive maintenance. Since its publication in 1996, 5S for Operators has been and continues to be hugely popular, consistently ranking among Productivity's list of top-sellers, and its popularity is not hard to understand. 5S has proven its worth in one company after another, consistently reducing waste, guaranteeing product quality, ensuring safety and increasing the bottom line. With 5S for Operators, the 5S System can have the same profound effect on your operations. To introduce the 5S system and sell its use to executives as well as workers, consider purchasing: 5S System: An Introduction DVD (Catalog no. PP5934) Adhering to the principle of efficiency that defines this revolutionary and proven system, this video succinctly explains what is involved, who should participate, and what it will take to get started.

Pull Production for the Shopfloor Jul 28 2022 In a "pull" production system, the final process pulls needed parts from the previous process, which pulls from the process before it, and so on, as determined by customer demand. This allows you to operate without preset schedules and avoid unnecessary costs, wastes, and delays on the manufacturing floor.Pull Production for the Shopfloor introduce