

Focused Equipment Improvement For Tpm Teams Shop

- TPM Development Program
- Factors Affecting the Implementation of a Total Productive Maintenance System (TPM)
- Total Productive Maintenance and the Impact of Each Implemented Pillar in the Overall Equipment Effectiveness
- Value Stream Management
- All About Pull Production
- Focused Equipment Improvement for TPM Teams
- Lean TPM
- Handbook of Maintenance Management and Engineering
- Making Apparel Manufacturing Lean
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- Total Productive Maintenance
- TPM for Every Operator
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- A Guide to Six Sigma and Process Improvement for Practitioners and Students
- Focused Equipment Improvement for TPM Teams
- Lean Systems
- Focused Equipment Improvement for TPM Teams
- Focused Equipment Improvement for TPM Teams
- Pull Production for the Shopfloor
- The Lean Practitioner's Field Book
- Project Management: Concepts, Methodologies, Tools, and Applications
- Understanding, Measuring, and Improving Overall Equipment Effectiveness
- Equipment Management in the Post-Maintenance Era
- TPM in Slovakia?
- Lean Manufacturing in the Developing World
- TPM - A Route to World Class Performance
- Kaizen for Quick Changeover
- Leading the Lean Initiative
- TPM: Collected Practices and Cases
- Total Quality Management
- Learning From World Class Manufacturers

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ADELAIDE HOLT

TPM Development Program CRC Press

Inhaltsangabe:Abstract: Modern manufacturing requires that organisations that want to be successful and to achieve world-class manufacturing must possess both effective and efficient maintenance. One approach to improve the performance of maintenance activities is to implement a Total Productive Maintenance (TPM) system. The aim of this dissertation is to prove that the introduction of a TPM system is by no means an easy task, because there are several barriers that encumber the implementation process, the driving forces to success have to be identified and well understood, and a process of organisational change has to be managed successfully. The study analyses impediments, barriers and obstacles to the implementation procedure and discovers key success factors concluding with a conceptual framework for a successful TPM implementation. The dissertation also examines the challenge of managing change within the TPM context and identifies that such a TPM journey

requires employee and management commitment to be successful. Through a case study of implementing TPM in an automotive supplier company, the practical aspect within and beyond basic TPM theory and problems encountered during the implementation are discussed and analysed. The paper concludes that the implementation of TPM is definitely not an easy task, which is considerably burdened by organisational, behavioural and other barriers, and necessitates the difficult mission to change peoples mindsets from a traditional maintenance approach. Inhaltsverzeichnis:Inhaltsverzeichnis: Title page01 Declaration and Word Count02 Abstract03 Acknowledgements04 Table of contents05 List of figures09 CHAPTER 1INTRODUCTION10 1.1Importance of TPM10 1.2Problem statement and objectives11 1.3Research methods12 1.4Structure of the study13 CHAPTER 2LITERATURE REVIEW14 2.1Defining TPM14 2.2Basic concept14 2.3Performance measurement17 2.4New roles of operators and maintenance staff19 2.5The JIPM s 12 steps to implement TPM21 2.6The connection between TPM and TQM23 2.7TPM in the view of change25 CHAPTER 3METHODOLOGY29 3.1Company profile and TPM background29 3.1.1General information about the company29 3.1.2CME: The

plant of the focus of this study30 3.2Explanation, justification and limitations of selected methods32 3.2.1Focus group discussion32 3.2.1.1Data collection procedure33 3.2.1.2Data evaluation34 3.2.2Participant observation35 3.2.3Document analysis36 CHAPTER 4FINDINGS [...]

Factors Affecting the Implementation of a Total Productive Maintenance System (TPM) CRC Press

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 hr="70%" Educate and empower all your workers to support your TPM improvement activities with Productivity's Shopfloor Series. Designed for on-the-floor study groups, the TPM Shopfloor curriculum will graduate operator teams from learning TPM basics to studying advanced improvement techniques.

Total Productive Maintenance and the Impact of Each Implemented Pillar in the Overall Equipment Effectiveness Productivity Press

In his latest offering, John Davis tackles the "human" side of a lean initiative -- cultivating a lean culture and gaining employee buy-in. How managers deal with these issues will ultimately determine their success. *Leading the Lean Initiative: Straight Talk on Cultivating Support and Buy-in* shows you how to lead a lean effort and effectively manage change. It is a practical manual for the new manager. Though directed at plant managers, and specifically those new to their jobs, this book benefits anyone taking on a leadership role. Davis provides complete direction on the crucial first steps and advise on competently responding to the "unknown and unexpected." In addition the book covers how to: Gain the respect and active support of the workforce. Work effectively with unions and customers. Create a culture for change. Actively seek out key people in your organization. Diplomatically buck the system. Extend lean to the entire enterprise. Develop and effectively earmark your plan for operation. Cultivate a winning relationship with your boss. Deal with major setbacks in business conditions. Throughout the text, Davis weaves the story of Jim Warring, a plant manager who is new to the job, detailing his frustrations, challenges, and accomplishments, and how he handles the daily responsibilities of a plant manager. At the end of each chapter, Davis rates Warring on how he performed in his role as plant manager and as a leader of the plant's lean initiative by presenting "The Warring Scorecard." Davis points out where he succeeded, and where he made some serious mistakes. *Leading the Lean Initiative: Straight Talk on Cultivating Support and Buy-in*, is a valuable resource or all managers in any industry. This book will show you how to effectively lead in your organization and how to cultivate a cooperative environment.

Value Stream Management Butterworth-Heinemann

To be able to compete successfully both at national and international levels, production systems and equipment must perform at levels not even thinkable a decade ago. Requirements for increased product quality, reduced throughput time and enhanced operating effectiveness within a rapidly changing customer demand environment continue to demand a high

maintenance performance. In some cases, maintenance is required to increase operational effectiveness and revenues and customer satisfaction while reducing capital, operating and support costs. This may be the largest challenge facing production enterprises these days. For this, maintenance strategy is required to be aligned with the production logistics and also to keep updated with the current best practices. Maintenance has become a multidisciplinary activity and one may come across situations in which maintenance is the responsibility of people whose training is not engineering. This handbook aims to assist at different levels of understanding whether the manager is an engineer, a production manager, an experienced maintenance practitioner or a beginner. Topics selected to be included in this handbook cover a wide range of issues in the area of maintenance management and engineering to cater for all those interested in maintenance whether practitioners or researchers. This handbook is divided into 6 parts and contains 26 chapters covering a wide range of topics related to maintenance management and engineering.

All About Pull Production Juraj Drahnovsky

Lean TPM is an accessible, step-by-step guide designed to help you increase manufacturing efficiency through continuous improvement. Based on their experience of working with organizations that have successfully achieved outstanding performance, McCarthy and Rich provide the tools and techniques required to convert strategic vision into practical reality. Packed with real-life case studies and examples to highlight common pitfalls and proven approaches, the book focuses on the continuous improvement that can be achieved within any manufacturing environment by challenging wasteful working practices, releasing the potential of the workforce, and making processes work as planned. Lean TPM contains an integrated route map along with comprehensive benchmark data to enable engineers, technicians and managers to fully explore this potent technique. Unites the concepts of world-class manufacturing, lean and TPM into a single change agenda for continuous efficiency improvement Includes real-life case studies, advice on planning and pitfalls, and valuable benchmarking data from leading organizations New chapter on TPM and management of the supply chain, along with information on advanced lean practices and more implementation examples **Focused Equipment Improvement for TPM Teams** Springer Science & Business Media

Recent advancements in information systems and computer technology have led to developments in equipment and robotic technology that have permanently changed the characteristics of manufacturing equipment. *Equipment Management in the Post-Maintenance Era: A New Alternative to Total Productive Maintenance (TPM)* introduces a new way of thinking to help high-tech organizations manage an increasingly complex equipment base. It also facilitates the fundamental understanding of equipment management those in traditional industries will need to prepare for the emerging microchip era in equipment. Kern Peng shares insights gained through decades of managing equipment performance. Using a systems model to analyze equipment management, he introduces alternatives in equipment management that are currently gaining momentum in high-tech industries. The book highlights the fundamental internal flaw in maintenance organizational setup, presents new approaches to replace maintenance functional setup, and illustrates a time-tested transformation and implementation process to help transition your organization from the maintenance era to the new post-maintenance era. Breaks down the history of equipment into five phases Provides a clear understanding of equipment management fundamentals Introduces alternatives in equipment

management beyond the mainstream principles of maintenance management. The book examines maintenance management logistics, including planning and budgeting, training and people development, customer services and management, vendor management, and inventory management. Supplying a comprehensive look at the history of equipment management, it analyzes current maintenance practice and details approaches that can significantly improve the effectiveness and efficiency of your equipment management well into the future.

Lean TPM CRC Press

I have been a Lean Management Consultant for the past decade and have been asked interesting questions by my prospects/clients. I'd have to say, the most made statement has been "Lean only works in the Automotive Industry and is not applicable to our industry...". This misconception is what triggered me to write a book on Lean for the various industries that I consult in, i.e. one book for every industry. This book on the application of LEAN in Apparel Manufacturing, is my first foray into authoring a book. This book is an attempt to educate its readers on how to implement the practical aspects of LEAN, on the shopfloor. It begins with the dissemination of the interrelated elements of the Toyota Production System, the objective of TPS and its importance in Production Management. The concepts of LEAN and waste elimination are then explained with an overview of the Seven Types of Manufacturing Wastes. Value Stream Mapping, a frequently used tool to map the waste, has been elaborated in four chapters. These chapters explain concepts like Product Family Matrix, KPI definitions, guiding principles to design a Lean process and the construction of the 'AS IS' and the 'TO BE' Value Stream Maps. Individual chapters are devoted to the elements of TPS like 5S, Visual Management, Skill Management, Process Standardization and Single Minute Exchange of Dies. These chapters explain the concepts and their application in detail, equipping you with the required tools and techniques. The chapter on Balanced Score Card and Hoshin Kanri explains the mechanism of aligning the vision of the factory to the individual objectives. The chapters on A3 Problem Solving and Quality Management initiate the readers to a scientific methodology of problem solving. We follow up with chapters on Kanban Systems and WIP Management in order to get a sense of Pull systems. The chapter on Total Productive Maintenance lays emphasis on measurement of OEE% and the problem-solving cascade. We end this book with chapters on Shopfloor Control, sustaining a Lean culture and providing a Lean Implementation Model for Apparel Manufacturing. I would like to extend my gratitude to Deepak Mohindra, Chairman, Apparel Resources for his continued support and guidance. My wife Manali, my daughters Aishwarya & Arya and my mother Padma, have also been my constant motivators. I would also like to thank my past and current clients for implementing my advice. This book would be incomplete without mentioning Ashish Grover, who was a great support during preliminary Lean pilots on the garmenting shopfloor. This book is my tribute to him. I hope that this book creates more value for you and your organization. Wish you all the best in your LEAN journey!

Handbook of Maintenance Management and Engineering Pearson Education

Process industries have a particularly urgent need for collaborative equipment management systems, but until now have lacked for programs directed toward their specific needs. TPM in Process Industries brings together top consultants from the Japan Institute of Plant Maintenance to modify the original TPM Development Program. In this volume, they demonstrate how to analyze process environments and equipment issues including process loss structure and calculation, autonomous

maintenance, equipment and process improvement, and quality maintenance. For all organizations managing large equipment, facing low operator/machine ratios, or implementing extensive improvement, this text is an invaluable resource.

Making Apparel Manufacturing Lean CRC Press

Lean manufacturing cannot happen in a factory that lacks dependable, effective equipment. Breakdowns and processing defects translate into excess work-in-process and finished inventory, kept on hand "just in case." Recurring minor stoppages force employees to watch automated equipment that should run by itself. TPM gives a framework for addressing such problems, but many companies implement TPM at a superficial level, and the resulting productivity gains fall short of their potential. If your TPM implementation has resulted in posters and logos rather than a rise of productivity, how are you addressing this halt of progress? In TPM for the Lean Factory, authors Sekine and Arai teach you to identify and attack the key equipment-related problems and misunderstandings that make plants miss their lean manufacturing goals. Written for companies with a basic TPM framework already in place, you'll learn three powerful approaches for cutting this waste: The new 5Ss: focusing on standard locations and labeling through the first 2Ss Instant maintenance: mastering quick repairs of minor equipment failures Improved setup operations: organizing the preparation to save time and prevent errors Chapters on cell design, product and process quality factor testing, and daily equipment inspection give you additional weapons for fighting waste and low productivity. For practical application, an implementation overview summarizes the steps for each topic, keyed to a set of 50 adaptable worksheets and examples. A practical and supportive resource, TPM for the Lean Factory extends a fresh vision and focus to help you get top results from your TPM efforts.

TPM in Process Industries Routledge

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. This book helps managers consider the strategic roles their operations can play and to provide guidance as to what actions can be taken.

A Revolution in Manufacturing Industrial Press Inc.

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.

Total Productive Maintenance Routledge

Many production managers have de-stocked excessively large inventories, gone lean, experimented with continuous improvement processes and introduced new working practices. These interventions have largely failed. Businesses have also failed to invest in the workforce that undertakes improvements. This means that cash flow stops quickly, stocks are depleted to zero and customers lose confidence. Systems for Manufacturing Excellence looks at how people and technology work effectively together to generate high performance manufacturing and service operations. Not everyone is a Toyota but that does not mean we cannot learn from such businesses. The book will present a logic, variety of approaches and methods that underpin the different models of high performance used by 'world class'

businesses. The authors use examples from their training with Toyota, work with Tesco, and many world class manufacturing businesses that form their research agenda. The book will help teams run each part of their production process for effectiveness and efficiency, with a high level of discipline that supports excellence in performance.

TPM for Every Operator CRC Press

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 *Poka-Yoke* Kogan Page Publishers

This book presents some definitions and concepts applied in Latin America on lean manufacturing (LM), the LM tools most widely used and human and cultural aspects that most matter in this field. The book contains a total of 14 tools used and reported by authors from different countries in Latin America, with definition, timeline with related research, benefits that have been reported in literature and case studies implemented in Latin American companies. Finally, the book presents a list of softwares available to facilitate the tools' implementation, monitoring and improvement.

Systems for Manufacturing Excellence AA Global Sourcing Ltd Organizations of all types are consistently working on new initiatives, product lines, or implementation of new workflows as a way to remain competitive in the modern business environment. No matter the type of project at hand, employing the best methods for effective execution and timely completion of the task at hand is essential to project success. *Project Management: Concepts, Methodologies, Tools, and Applications* presents the latest research and practical solutions for managing every stage of the project lifecycle. Emphasizing emerging concepts, real-world examples, and authoritative research on managing project workflows and measuring project success in both private and public sectors, this multi-volume reference work is a critical addition to academic, government, and corporate libraries. It is designed for use by project coordinators and managers, business executives, researchers, and graduate-level students interested in putting research-based solutions into practice for effective project management.

Kanban for the Shopfloor CRC Press

If your goal is 100% zero defects, here is the book for you — a completely illustrated guide to poka-yoke (mistake-proofing) for supervisors and shop-floor workers. Many poka-yoke ideas come from line workers and are implemented with the help of engineering staff or tooling or machine specialists. The result is better product quality and greater participation by workers in efforts to improve your processes, your products, and your company as a whole. The first section of the book uses a simple, illustrated format to summarize many of the concepts and main features of poka-yoke. The second section shows 240 examples of poka-yoke improvements implemented in Japanese plants. The book: Organizes examples according to the broad issue or problem they address. Pinpoints how poka-yoke applies to specific devices, parts and products, categories of improvement

methods, and processes. Provides sample improvement forms for you to sketch out your own ideas. Use Poka-yoke in study groups as a model for your improvement efforts. It may be your single most important step toward eliminating defects completely. (For an industrial engineering perspective on how source inspection and poka-yoke can work together to reduce defects to zero, see Shigeo Shingo's Zero Quality Control.)

TPM for the Lean Factory CRC Press

It's time once again to make much of a simple concept; that two groups with different names, languages and cultures might put aside their old habits, pettiness and grudges, recognize the overwhelming alignment of their most critical self-interests, and join their complementary strengths to achieve unprecedented peace, harmony and productivity. That's the concept behind total productive maintenance (TPM), where maintenance and production personnel cooperate to define, standardize, allocate and perform the tasks needed to maximize overall equipment effectiveness (OEE), which keeps equipment producing quality product at maximum efficiency and minimum lifecycle cost.

TPM Simplified CRC Press

Changeovers in 3 minutes or less! That is the result of the process described in this book. Picking up where Dr. Shingo's Single Minute Exchange of Die left off, it streamlines the process even further to reduce changeover time and cut staffing requirements in half simultaneously! The book describes how to achieve quick changeover in virtually any type of production environment with: A succinct 8-step process for setup improvement. 9 basic principles for eliminating changeover waste. The book first outlines the tactical principles for improving the three phases of the changeover procedure. Next you'll learn how to improve changeover on a processing line. All of the ideas presented are based on kaizen improvements that require very little, if any, expenditure. Process razing and the implementation of one-piece flow are also examined as means for eliminating wasteful transportation and searching.

Practical TPM CRC Press

The Value Stream Management System simplifies the planning process for lean implementation, ensuring quick deployment and greater success. It links the metrics and reporting required by management with the lean tools needed on the manufacturing floor. The central feature of this illustrative and engaging book is the value stream management storyboard, a tool representing an eight-step process for lean implementation. The storyboard brings together people, tools, metrics, and reporting into one visual document. The authors stress the importance of reaching beyond single-point kaizens to ensure a sustainable lean implementation process. Many people use the value stream map as an individual tool, but not within the context of a proven overall system. *Value Stream Management: Eight Steps to Planning, Mapping, and Sustaining Lean Improvements* shows you how to use mapping as part of a complete system for lean implementation. The final outcome of Value Stream Management is the creation of a complete, visual plan for lean transformation - and the mastery of the skills required to implement that plan. Instead of just using Toyota Production System Tools, the authors encourage you to create your own lean production system. Value Stream Management will help you to complete your process and sustain it! BONUS CD! Along with this book you receive a CD containing a lean assessment tool, a storyboard template, useful charts, a team charter, forms, reports, and worksheets. DVD Package (see Catalog No. PP7338) A training aid to implement those principles taught in the book, a training video is available that teaches managers how to train lean teams. It starts with an overview of value stream management and the basics of lean. Subsequent lessons teach how to map current and future states;

how to create action plans for implementation and follow-through; and how to develop a storyboard that communicates the entire process. Finally, a computer-generated "virtual factory" shows how the system comes together and how lean actually works. Viewers will see value stream management in action at

four major companies. The package includes a facilitator's guide that provides information on how to use the package and an overview of each training module, and a participant guide, **Total Productive Maintenance** CRC Press
The financial approach to Total Production Maintenance.