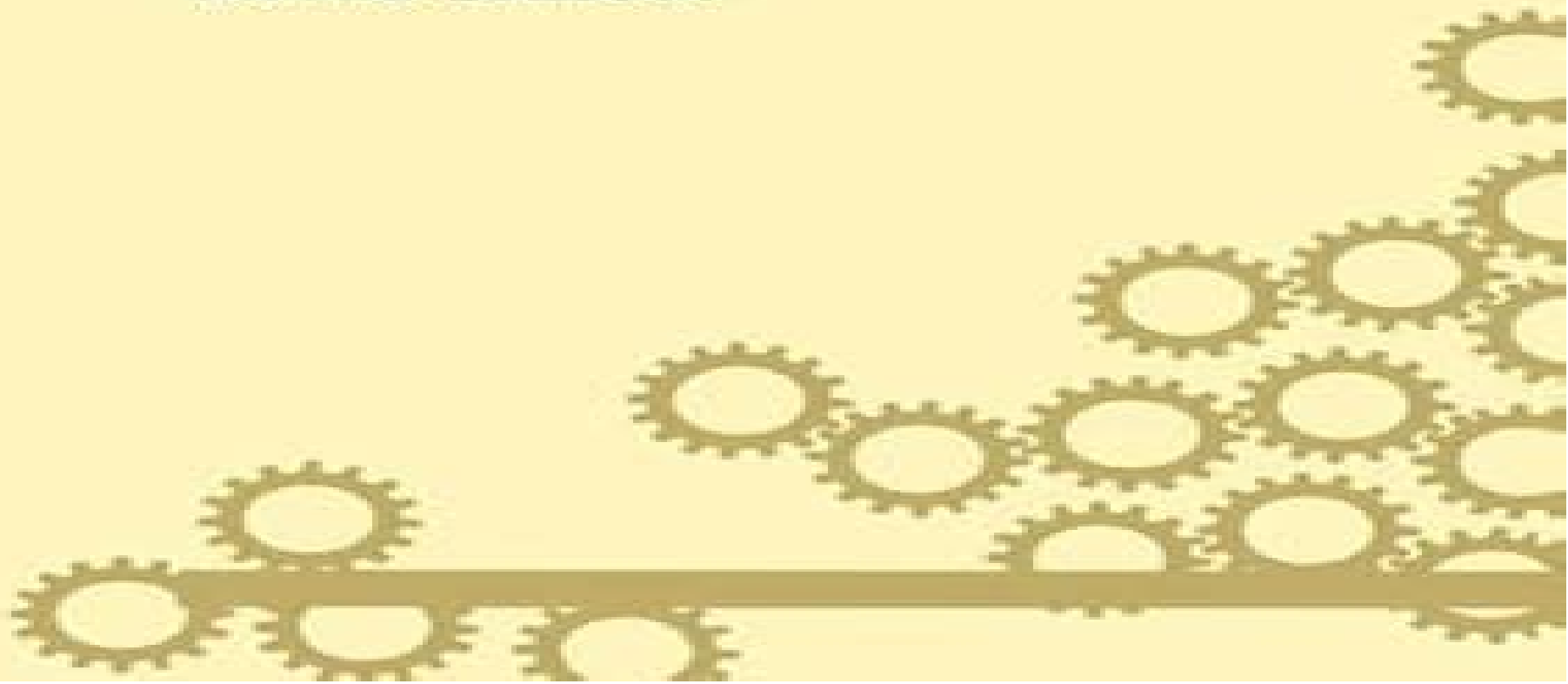


TPM

for Workshop Leaders

Kunio Shirose



Tpm For Workshop Leaders The Shopfloor Series

Shirose Kunio



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TPM for Workshop Leaders Shirose Kunio, 2017-10-06 Workshop leaders play a central role in your company's efforts to implement TPM. Once your workers have been divided into small groups to learn the fundamentals of TPM, it is the group leader who spearheads ongoing training and implementation activities. With quick reading, people-oriented practicality, this new book addresses the role of the workshop leader in maximizing the benefits of TPM. A top TPM consultant in Japan, Kunio Shirose incorporates cartoons and graphics to convey the hands-on leadership issues of TPM implementation. Uses case studies to reinforce his ideas on training and managing equipment operators in the care of their equipment. Itemizes specific activities that must be undertaken to search out, correct, and control defects to remedy equipment shortcomings. He also addresses the cooperative relationship necessary between maintenance and production and leaves you with an understanding of the three imperatives for successful TPM implementation to change the quality and functioning of the equipment, the way operators think about equipment, and the workplace. Originally published by the Japan Management Association.

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Focused Equipment Improvement for TPM Teams Japan Institute of Plant Maintenance, 2017-11-13 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.

Autonomous Maintenance Video Participants Guide Press Productivity, 2024-11-01 This is the Participant Guide to support team leaders in implementing an autonomous maintenance

team This is usually sold with Autonomous Maintenance Shopfloor TPM Implementation This is for extra copies

Manufacturing Engineering Handbook, Second Edition Hwaiyu Geng, 2015-10-22 The new edition of this professional resource reveals how to optimize all aspects of the global manufacturing process to build the highest quality goods at the lowest price in the shortest possible time How can one apply technical and business knowledge to develop a strategic plan that delivers increased productivity quality sustainability reliability agility resilience and best practices with rapid time to production and value The answers are found in the fully updated new edition of Manufacturing Engineering Handbook The goal of this second edition is to provide the essential knowledge needed to build products with the highest quality at the lowest cost in the least amount of time by optimizing all aspects of the manufacturing process design development tools processes quality speed output safety and sustainability You will gain access to information on conventional and modern technologies manufacturing processes and operations management that will assist you in achieving these goals The book is written by a team of more than 100 internationally renowned manufacturing engineering experts and pared down from its original 1200 pages The new and vastly improved second edition is specifically designed to concisely and succinctly cover traditional manufacturing processes and advanced technologies as well as newer manufacturing software and systems to integrate them into the modern global manufacturing world Brand new chapters on eco design and sustainability nano materials and nano manufacturing facilities planning operations research New sections on plastics composites and moldmaking global manufacturing and supply chain management Increased coverage of Design for Six Sigma and adaptive manufacturing Affiliated web site with color illustrations graphs charts discussions on future trends additional technical papers and suggestions for further reading

Total Operations Solutions Ron Basu, J. Nevan Wright, 2006-08-11 Total Operations Solutions builds on concepts that were introduced in Total Manufacturing Solutions Basu and Wright 1997 It demonstrates how this holistic approach of operational excellence driven by a self assessment methodology can be applied equally to manufacturing service or public sectors The text covers an implementation programme to demonstrate how to put the methodology into practice a differentiating feature of the approach will be a critical update impact analysis and comparison with new developments such as e Business outsourcing Six Sigma EFQM and ISO 9000 2000 It is a step by step guide for the application of the appropriate tools to the improvement process Total Operations Solutions could be used as an essential handbook for all employees in a Six Sigma programme and provide a better understanding of basic tools and techniques to help them to support a quality improvement initiative and sustain a strong competitive position

TPM for Every Operator Nihon Puranto Mentenansu Kyōkai, 1996 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 **Practical TPM** James Leflar,2001-01-05 Agilent Technologies formerly Hewlett Packard s Test and Measurement Division operates an integrated circuit fabrication plant in Fort Collins Colorado Guided by Masaji Taijiri the author of 7 Steps to Autonomous Maintenance see page 34 author Jim Leflar and his team at Agilent developed a complete TPM program for the complex equipment on their shop floor Drawn from these experiences Practical TPM is a must read for anyone who wants to begin successful TPM implementation Part I explains the fundamental concepts of TPM including the six basic principles of TPM the goals of TPM cultural changes resulting from TPM and the keys to successful implementation Part II the heart of the book describes in step by step detail the evolution of Agilent s TPM program Each phase is clearly defined and demonstrated the working tools and systems developed by the Agilent TPM team in the process are discussed at length To conclude Part III focuses on developing a vision and a strategy for your own successful TPM program Replete with annotated photographs and illustrations documenting Agilent s successful program Practical TPM Successful Equipment Management at Agilent Technologies offers an invaluable roadmap to TPM implementation The book covers A step by step TPM program as implemented at a major US corporation The 5 why analysis method Examples of one point lessons Using visual controls in a TPM program Tools for understanding equipment failures Improving machine productivity Improvement metrics Master checklists and forms Developing activity boards Appendices containing examples of maintenance training materials For a PDF file with the preface and table of contents click here For a PDF file with the first chapter click here **TPM - A Route to World Class Performance** Peter Willmott,Dennis McCarthy,2000-11-17 Total productive maintenance TPM a Japanese management protocol developed to alleviate production losses caused by machine breakdowns has moved on Through TPM more companies accept the concept of Zero Breakdowns as achievable From the foundation of zero breakdowns world class plants are able to run for complete shifts without the need for intervention TPM is still pushing back the boundaries of what was thought possible Driven by the proven principles of TPM the book emphasises the need to build on existing good practices and to win commitment by delivering results The book provides a practical guide to delivering TPM benefits and is based on the authors first hand experience of seeing TPM in Japan It adapts these benefits to suit the strategic needs of companies across four continents TPM A Route to World Class Performance builds on Peter Willmott s earlier book TPM the Western Way updating the scope of applications and tools The TPM route map is updated to include the journey to zero breakdowns and beyond It also provides a systematic structure to evolve from the classic Total Productive Maintenance towards Total Productive Manufacturing and deliver a Totally Productive Operation capable of world leading performance **P-M Analysis** Shirose Kunio,Mitsugu Kaneda,Yoshifumi Kimura,2004-09-21 In this large format implementation manual TPM experts explain P M Analysis A methodology that makes zero losses a reality in your TPM program P M Analysis is designed

to help your TPM teams analyze and eliminate chronic problems that have been neglected or unresolved in the past Chronic quality defects and other chronic losses are hard to eradicate because they typically have multiple interrelated causes that vary with every occurrence Common improvement strategies like cause and effect analysis are usually ineffective in dealing with such complex problems P M Analysis was specially developed to overcome the weaknesses of traditional methods It offers a rigorous 8 step method for ensuring that all possible factors are identified and investigated Through P M Analysis teams really get in touch with their equipment Its unique skill building process improves technological know how while delivering solutions to persistent problems The first four steps of this rigorous 8 step program help teams isolate and understand the root causes of defects and failures within main equipment mechanisms and peripheral systems The final four steps provide a systematic approach for effectively controlling those causes A critical concept in P M Analysis is physical analysis a way of thinking about how defects and failures are generated that forces us to look at the physical principles involved and to quantify the changes in the relationship between the equipment mechanisms and product parts involved When a proper physical analysis is carried out teams are far less likely to overlook important factors or to waste time pursuing unrelated ones Although not a cure all P M Analysis has reduced chronic losses to zero and raised technological expertise in many manufacturing environments This illustrated implementation manual provides a thorough step by step procedure for implementing P M Analysis along with practice exercises and graded examples It is an unparalleled resource for anyone with a basic knowledge of TPM who is ready to fine tune their loss reduction activities Here finally is a root cause analysis method that will help teams achieve the ultimate goal of zero losses Autonomous Maintenance in Seven Steps Fumio Gotoh, Masaji Tajiri, 2020-04-15 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 **Subject Guide to Books in Print** ,1991 **Automotive Production Systems**

and Standardisation Constanze Clarke, 2006-03-30 In January 2000 Mercedes Benz started to implement the Mercedes Benz Production System MPS throughout its world wide passenger car plants This event is exemplary of a trend within the automotive industry the creation and introduction of company specific standardised production systems It gradually emerged with the introduction of the Chrysler Operating System COS in the mid 1990s and represents a distinct step in the process towards implementing the universal principles of lean thinking as propagated by the MIT study For the academic field of industrial sociology and labour policy the emergence of this trend seems to mark a new stage in the evolution of the debate about production systems in the automotive industry Jrgens 2002 2 particularly as it seems to undermine the stand of the critics of the one best way model Boyer and Freyssenet 1995 The introduction of company level standardised production systems marks the starting point of the present study At the core of it is a case study about the Mercedes Benz Production System MPS

TPM for Every Operator Learning Package Kunio Shirose, 1997-03 This package covers the main aspects of TPM and begins the education process that will introduce frontline workers to this important manufacturing strategy The enhanced Leader's Guide includes full discussion guide notes as well as tips for addressing the issues which TPM often raises for operators An excellent tool for supporting your TPM training initiatives Includes Leader's Guide 5 copies of TPM for Every Operator A CD packed with additional presentation materials TPM for Workshop Leaders

Forthcoming Books Rose Army, 1996-06 *Books In Print 2004-2005* Ed Bowker Staff, Staff Bowker, Ed, 2004 TPM for Supervisors Productivity Press, 1996-10-15 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

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TPM Team Guide Shirose Kunio,1995-09-01 TPM involves employees companywide in preventing equipment abnormalities and breakdowns The first line of defense equipment operators the people most familiar with daily operating conditions In addition to regular cleaning and inspection team based improvement activities make effective use of operators hands on knowledge How do you organize TPM teams and keep them vital TPM Team Guide tells supervisors workgroup leaders and operators how to develop the team based skills required for successful TPM implementation Geared toward TPM projects it describes basic elements of improvement activities for any kind of shopfloor team TPM Team Guide gives simple explanations of basic TPM concepts such as the six big losses and emphasizes the integration of TPM activities with production management Chapters describe the team based improvement process step by step from goal to standardization of the improved operations Team leaders will learn how to hold effective meetings and deal with the human issues that stand in the way of success The tools for team problem solving and the steps for preparing a good presentation of results are detailed here as well Written in simple language with abundant illustrations and cartoon examples this book makes TPM activities understandable to everyone in the company Frontline supervisors operators facilitators and trainers in manufacturing companies will want to use this practical guide to improve company performance and build a satisfying workplace for employees

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