

Problems And Solutions On MRO Spare Parts And Storeroom

Maintenance, Repair, and Operations (MRO) spare parts play a crucial role in industries by ensuring efficient functioning of equipment and machinery. However, managing MRO spare parts and maintaining an organized storeroom can be a daunting task. Many companies face numerous challenges in this area, which can lead to increased downtime, unnecessary costs, and decreased productivity. In this article, we will explore some common problems faced in managing MRO spare parts and offer practical solutions to overcome them.

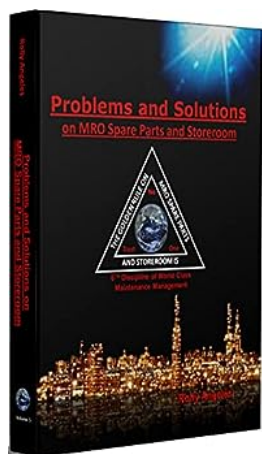
The Problem of Inaccurate Inventory

One of the major challenges faced in the MRO spare parts storeroom is maintaining accurate inventory. Incorrect inventory data can result in stockouts, delays in repairs, and extended equipment downtime. This problem often arises due to manual data entry errors or inefficient tracking systems. To overcome this issue, implementing a computerized maintenance management system (CMMS) can be highly beneficial. CMMS allows for real-time tracking of inventory, automated notifications for reordering, and accurate data analysis for better inventory management.

Lack of Standardization

Another common issue encountered in MRO storerooms is the lack of standardization in spare parts. Without a standardized system, it becomes challenging to identify and locate the required spare parts quickly and accurately. This can result in delays in repairs and increased downtime. To address this problem, implementing a standardized naming and coding system for spare parts

can greatly improve efficiency. Additionally, grouping similar spare parts together and labelling them properly can streamline the maintenance process.



Problems and Solutions on MRO Spare Parts and Storeroom: 6th Discipline on World Class Maintenance Management, The 12 Disciplines

by Rolly Angeles (Kindle Edition)

★★★★★ 5 out of 5

Language	: English
File size	: 38441 KB
Text-to-Speech	: Enabled
Screen Reader	: Supported
Enhanced typesetting	: Enabled
Word Wise	: Enabled
Print length	: 311 pages
Lending	: Enabled



Poor Vendor Management

Maintaining good relationships with vendors is crucial for timely procurement of MRO spare parts. However, poor vendor management can lead to delays in receiving parts, incorrect deliveries, and increased costs. To overcome this issue, it is essential to establish clear communication channels with vendors and regularly evaluate their performance. Maintaining a list of reliable vendors, negotiating contracts, and ensuring timely payments can help in building strong vendor relationships.

Lack of Proper Documentation

Insufficient documentation regarding MRO spare parts can create significant challenges for maintenance teams. Lack of information about part specifications,

past repairs, and warranties can lead to incorrect ordering and increased costs. To tackle this problem, implementing a comprehensive documentation system is essential. This includes recording part details, maintenance history, and warranty information in a centralized database accessible to the maintenance staff. Regularly updating this database ensures the availability of accurate information for efficient decision-making.

Inefficient Storeroom Layout

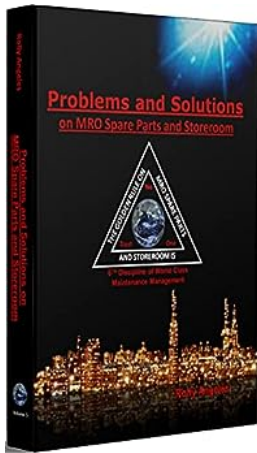
The layout and organization of the MRO storeroom significantly impact the efficiency of spare parts management. Poorly designed storerooms can lead to difficulties in locating parts, inefficient use of space, and increased time wastage. To enhance storeroom functionality, implementing a logical and systematic layout is crucial. This involves organizing parts based on size, functionality, or frequency of use. Utilizing appropriate storage systems such as shelves, bins, and labeling systems can also contribute to better organization and accessibility.

Lack of Training and Awareness

Inadequate training and lack of awareness among maintenance staff can hinder effective management of MRO spare parts. Without proper knowledge about inventory management, part identification, and the importance of accurate data entry, mistakes and inefficiencies are inevitable. Companies should invest in training programs to educate maintenance personnel on MRO spare parts management best practices. Regular workshops and seminars can also enhance their awareness and understanding of the impact of their roles in overall equipment effectiveness.

The effective management of MRO spare parts and storerooms is crucial for the smooth functioning of industrial operations. By addressing common problems such as inaccurate inventory, lack of standardization, poor vendor management,

inadequate documentation, inefficient storeroom layout, and lack of training and awareness, companies can significantly improve their overall productivity and reduce costs. Implementing the suggested solutions and continuously monitoring and adapting the system will ensure efficient spare parts management and optimal equipment performance.



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If your MRO Spare Parts and Storeroom is in chaos, then this is a must-read book.

MRO Spare Parts and Storeroom Management is one of the most neglected maintenance strategies in the majority of industries which should not be the case. While others say that this is the missing link to any reliability and maintenance strategy. The truth of the matter is that almost every type of industry, whether manufacturing, processing, pharmaceutical, power plants, mining, construction,

aviation, oil, and gas, or others have a storeroom in place to store items and spare parts, but not all industries know how to manage and control them

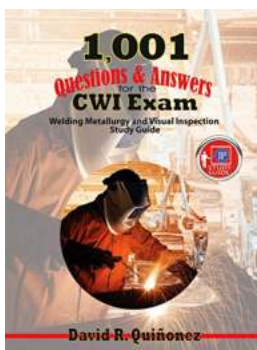
This book covers the most common problems experienced in their MRO Spare Parts and Storerooms that plague most industries as well as provides solutions on how to deal with them permanently. One of the most if not the most important KPI for the storeroom is Inventory Accuracy. This book explains why most problematic storerooms have a low Inventory Accuracy. This results in a Domino of problems in the storeroom.

Another highlight of this book is on how to make a decision on Whether to Stock Parts or Not Inside the Storeroom. The author provides a detailed MRO Algorithm or Decision Diagram which can be used to address this problem. Case Samples are provided on how to use this MRO Decision Diagram.

- Provide a decision-making process on whether to stock or not to stock parts inside the storeroom
- How the MRO Algorithm or Decision Diagram is Used. Case Samples are provided.
- What can we do about squirrel stores and how to eliminate them permanently
- Different ways of analyzing MRO Spare parts
- Learn the "Golden Law" on MRO Spare Parts that Storekeepers should abide
- Learn several options on what to do for obsolete parts inside the storeroom.
- What we can do about non-moving parts inside the storeroom
- Understand why not all critical parts need to be stuck in the storeroom.
- Factors to consider in deciding whether to store parts or not inside the storeroom
- Learn a much better way of determining the minimum quantity to be stored besides min-max

- How to address squirrel stores permanently
- Different ways to analyze MRO Spare Parts
- Provide the reader with a step by step roadmap on how to finally improve their MRO Storeroom
- Understand who are the best people to handle the maintenance storeroom
- Learn the roles and responsibilities of the storekeeper
- Understand that parts stored inside the storeroom should be maintained
- Different methods for Automating MRO Spare Parts and Storeroom
- Detailed Step by Step roadmap on how to improve your storeroom
- Why improving the storeroom should be done both inside and outside

99.99% of all the problems with MRO Spare Parts and storerooms are man-made, and they may be introduced by the different departments or functions of the organization. What the author believes is that if man created the problem, then let the man find ways to solve their problems on spare parts and storeroom problems. This book starts with a survey on the different problems common to industries in their MRO Spare Parts and Storeroom. As you read each chapter, it will provide the reader with a clear understanding of how to deal with each of these problems. On the contrary, we cannot simply stock every single part of every piece of equipment we have in the plant if your industry still wants to remain in business. Finally, this book provides a detailed roadmap on how to improve industries' storerooms and spare parts.



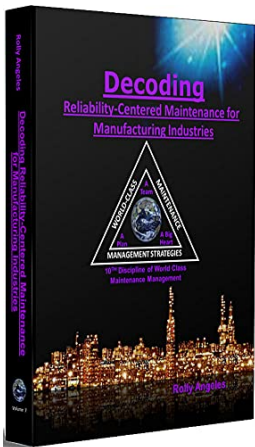
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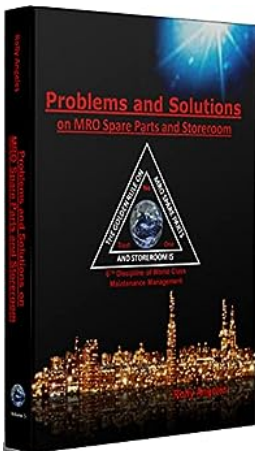
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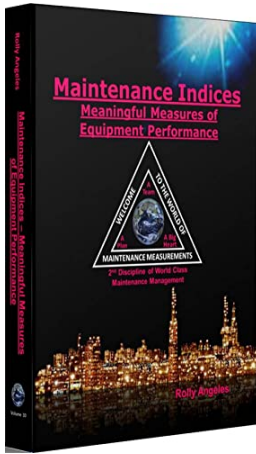
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World class maintenance management is essential for any organization to achieve optimal operational efficiency and minimize downtime. In the quest for excellence, experts...



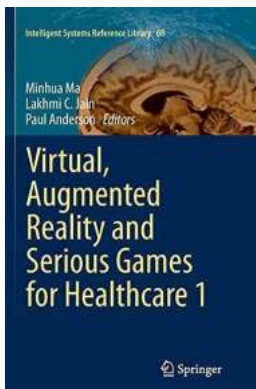
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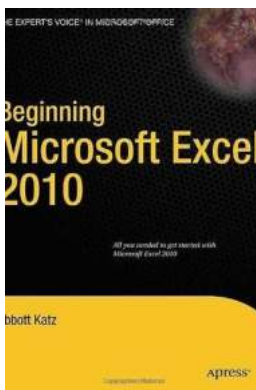
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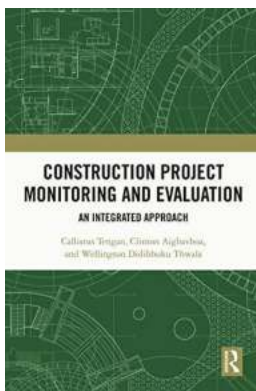
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