



Reliability and Maintenance Consultancy Firm Presents

Understanding MRO Spare Parts & Storeroom Management

March 23 to 24, 2023 and October 30 to 31, 2023 Online Platform – Zoom

Training Package Includes

- Link to be provided on MRO materials in ppt
- Lifetime access to RSA Reliability Newsletter
- MRO E-Book (Readable Version Only)
- Certificate of Attendance to be given via email

Who Should Attend

- Head of Maintenance
- Operations Managers
- Preventive Maintenance Group
- Predictive Maintenance Groups
- Reliability Engineers and Managers
- Maintenance Planners
- Maintenance Managers
- Warehouse Mangers and Supervisors
- Continuous Improvement Groups
- Storeroom Staff, Managers and Supervisors
- MRO Purchasing Procurement Staff
- Supply Chain and Purchasing People
- Maintenance people
- People in charge of Spare Parts Storeroom
- Warehouse, Accounting, Supply Chain and Purchasing are welcome in this training

About the Resource Speaker

Rolly, is a seasoned international reliability and maintenance consultant with 30 years of solid experience in industries. He had been invited in different countries and have conducted reliability and maintenance trainings in UAE, China, Thailand, Brunei, India, Malaysia, Indonesia, Nigeria, Botswana, Bangladesh, South Africa and recently in Vietnam . Rolly is continued to be invited to teach industries on their reliability and maintenance needs. His portfolio of maintenance trainings include Maintenance Management courses such as Total Productive Maintenance, Lubrication and Tribology, Condition-Based Maintenance, Reliability-Centered Maintenance (RCM), Root Cause Failure Analysis, Planned Maintenance, World Class Maintenance Management, The Twelve Disciplines, Oil Contamination Control, Maintenance Indices and KPI's, Maintenance Management System and much more. Rolly previously worked with Amkor Technology Philippines as a TPM Senior Engineer, an industry engaged in the manufacture of Integrated Circuit products and spear-headed their Planned Maintenance organization compose of maintenance managers and engineers. He was responsible for the dramatic reduction of unplanned breakdowns in their TPM Journey as well as RCM implementation on their Facilities Air Handling Units and as well as their sub-station equipment. Rolly is currently working as an independent maintenance consultant and has written 6 books on the subject matter.

What this Course is All About:

MRO Spare Parts and Storeroom is one of the most problematic areas on maintenance that needs to be managed and controlled effectively. This course, will provide the delegates the Top Problems as well as the solutions needed to improve and manage their storeroom more effectively. This course comes with a Free E-book on MRO Spare Parts and Storeroom Problems and Solutions Authored by the speaker himself. One of the highlights of this training is providing the delegates with an Algorithm of Decision Diagram on making sound decicions on what to stock and not to stock parts and items inside the storeroom. The Author believes that 99.999% of Storeroom Problems are Man-Made, therefore, if man created the problem, then let man himself find permanent solution to the day to day problems on MRO Spare Parts and Storeroom Management.

What this Course is All About:



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MRO Spare Parts Overview

All of us stock something in our home just in case we need it someday, but in plants and industries it is a bit more complicated than that. Parts to keep in stock may range from 10,000 for a small industry to more than 150,000 for a large plant. Almost all industries have a storeroom to keep parts of their equipment they need from time to time but not all these industries have the knowledge or know how to manage their storeroom and spare parts. In fact the Store room and Spare Parts is one of the functions on where maintenance can save on cost and almost every industry have a horrible story to tell on their storeroom that they have experience. With the absence of a sound strategy on spare parts most of us rely on vendor on what to stock which end up as non-moving most of the time. Learn the strategies on how we can improve and optimize your spare parts and storeroom. This might be the missing link in your reliability and maintenance strategy .

MRO Spare Parts Course Objective

- Identify current issues and problems experience in the storeroom and spare parts and provide solutions on these problems
- Learn how to plan what parts you need, with the right quantity and when they should arrive in your plant
- Make better and sound decisions on whether to stock or not to stock parts in your storeroom using an MRO Decision Diagram or Algorithm
- Discover effective ways on how to save cost on your MRO Spare Parts and Storeroom
- Finally, understand the concept and importance of having an MRO Spare Parts Management in your plant

Great instructor. Able to demonstrate his mastery on the subject matter. Provided real incidents as examples. The activities, group work and quizzes help aid the attendees to further understand the topic which is helpful to the students. Venue and the food was good plus chocolates. Learned a lot of things that can help our company. *From Erwin Bunye, Analog Devices*

MRO Spare Parts Day 1

- 0830 - 0900 - Take MRO Pre IQ Quiz/Registration
- 0900 - 1000 **Module 1 : Industries Day to Day Problems on Spare parts and Storeroom**
 - Common Problems on Spare Parts
 - Survey on Top Problems on Spare Parts
 - The Golden Law on MRO Storeroom
- 1000 - 1015 - **Morning Break / Meals**
- 1015 - 1200 **Module 2 :Spare Parts Management Explained**
 - Spare Parts Management Defined
 - Why the Need to Control MRO is important
 - Goal of MRO Spare Parts Management
 - Who Should Manage the Storeroom
 - Proper Knowledge in Storing Spare Parts
 - Value of Spare Parts Management
 - Proper Knowledge of Storing Parts
- Module 3: Classification of Inventory**
 - Fast, Slow, Non-Moving and Obsolete
 - Why Spare Parts become non-moving
 - Why Spare parts become obsolete
- 1200 - 1300 - **Lunch**
- 1100 - 1200 **Module 4 : Inventory Control Procedures**
 - Types and Classification of Inventories
 - MRO Inventory Analysis/Classification
 - ABC, SED, VED Analysis on Spares
 - Codification and Parts Identification
 - Store Room Parts Catalog
- 1500 - 1515 - **Afternoon Break / Meal**
- 1515 - 1700 **Module 5 : Lead Time To Order**
 - Minimum and Calculating Safety Stock
 - Lead Time to Order Includes
 - Shortening The Lead Time To Order
 - Calculating The Lead Time to Order
 - Use of Average/Exponential on Lead Time



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MRO Spare Parts Day 2

0830 – 1000

Module 6 – Economic Order Quantity (EOL)

- Minimum and Maximum Stock
- Mean Absolute Deviation (MAD) Explained
- Purchasing and Carrying Cost
- Economic Order Quantity Explained
- Computing for The Lowest Cost for Determining Minimum Quantity per Order and Number of Orders per year
- Case Study Samples on EOQ

1000 – 1015

- Morning Break time / Meals

10:15 - 1200

Module 7: Storeroom Measurements and KPI

- The Most Important KPI for the Storeroom
- Other KPI and Storeroom Measurements

Module 8: Important Things to Consider in the MRO Storeroom

- What to Do with Obsolete Parts
- Storeroom Security
- Workshop on Whether To Stock or Not to Stock Parts in your Storeroom

12:00 – 1:00

- Lunch Break

13:00 – 15:00

Module 9: Decision on Whether to Stock or Not to Stock

- Factors to Consider on Whether to Stock or Not to Stock
- To Stock or Not Form and Logic Tree Decision Diagram and Algorithm
- Take To Stock on Not IQ Quiz
- Do All Critical Parts Needs to be Stock
- Workshop on Whether To Stock or Not to Stock Parts in your Storeroom

Module 10: MRO Storeroom Best Practices

- Steps to Consider in Improving your Spare parts and Storeroom Facilities
- Handling Obsolete Items
- Security on your Storeroom
- Vendor Stocking Options
- Standardization of Parts
- Skills Needed By Your Storeroom
- Storeroom Housekeeping & Safety
- Surrendering Stocks in Your Squirrel Stores and Secret Hiding Places to the Storeroom

Conclusion

- Take post quiz on MRO Spare Parts
- Closing Remarks and Reflections on MRO Spare Parts for Industries

1700

- End of MRO Master Class



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Understanding MRO Spare Parts & Storeroom Management


December 6 to 7, 2021, Online Platform – Microsoft Teams

Feedback from MRO Spare Parts and Storeroom Management

- Knowing how to decide on when to stock or not to stock a certain part. Learning on how to create an organized storeroom. Knowing how to compute for the quantity of materials to be ordered and when to order them to avoid stock-outs. Learning to evaluate spare parts whether fast, slow, non-moving or obsolete parts. Knowing the proper designation of roles and responsibilities in MRO Management. *From Raymond Mahinay, CO2 Plant Supervisor, URC Distillery*
- Know how to calculate how often we ordered these critical and non-critical items on lowering the costs when it comes to company costs by stocking of bulky items in the storeroom. *From Kenneth Pagara, Balayan Sugar Mill, URC*
- New knowledge on re-ordering point was learned. Learned when to stock and not to stock parts. New ways to effectively store and manage spare parts. *From John Roniel Manejero, URC SURE URSUMCO*
- It is a good training , ideas and lessons for inventory. Understanding in storing items/materials especially very critical items used. Awareness of costing in holding on items in the storeroom. *From May Encaja, URC URSUMCO*
- I have learned why many things on this training like how to reduce our inventory . We should not trust anymore when are on the warehouse. I also learned that 60 to 80% of the total costs of inventory are due to non-moving items. *From Felix Bello Warehouse Assistant Inventory, URC CARSUMCO*
- The training was very relevant to the current expanded role I am handling right now. Able to corrent and start the right decision what is to be stock and not be in relation to MRO and Spare Parts Management. Personal and career growth to all of us. Awareness on should be on storekeeping. Eliminate the increasing and higher numbers of non-moving items as well as on those obsolete items. *From Rejeinald Barrera, PLD Manager, URC Distillery,*
- It help us understand the importance of storeroom management. It gives us knowledge on determining the cost of storing and distinguishing whether to stock or not to stock an item or not. *From Michael Lirazan, URC SONEDCO*
- Good points about this training was we know how to manage our storeroom. We have an idea on how to stock or not to stock an item using an algorithm. Calculating on how to solve how many stocks to order. Good speaker and consistent. *From Jason Arellano, URC SONEDCO*
- Maintenance should manage the storeroom. Trust no one policy. Diagram on how to manage spare parts decision on stocking. Warehouse KPI should be implemented in order to have inventory accuracy. *From Kim Marvin Olores, Warehouse Receiving Assistant, URC URSUMCO,*
- Identification of fast, slow, non-moving and obsolete items in the storehouse. Management of storehouse must be controlled by maintenance department. Preventive Maintenance can improve spare partys management by lessening equipment failures by lessening stocking too much in our warehouse. *From John William Guani, Maintenance Planner, URC SURE SONEDCO*
- Understand the importance of spare parts management. Learned the best analysis to measure the quantity to be ordered and how many orders to be made per year through Economic Order Quantity technique. Know about the activities to improve my current storeroom. Leaned the stock/no stock decision tree diagram/algorithm. Lean the song “No Spare Parts” sang by the Rolling Stones. *From Chung Kar Yee, Maintenance Supervisor Kraiburg Tpe Technology Sdn Bhd, Malaysia*
- Very clear presentation. Real life examples and good interactions between trainer and participants. *From Jeswin Ching, Technical Manager, Thumbprints Utd Sdn, Bhd, Malaysia*

ENROLL NOW !

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Feedback from MRO Spare Parts and Storeroom Management

- Deep knowledge of the facilitator on the subject. Workshops and visuals are very helpful. Lively lecturer and discussions during training with music and jokes. Exchange of ideas and experiences among participants. Pre-post tests allows to gauge the learning's of the participants. *From Edgar Mariano, Head, Calaca Power*
- I have now a clear idea on the improvement regarding the proper management of spare parts and the ordering which includes estimation of the lead time and also considering the costs on ordering. Thank You Mr. Rolly and God Bless. *From Ellazar Salazar, DMCI Palawan*
- The trainer has the mastery of the subject matter. Trainees are participating and willing to share their expertise and knowledge. Identification of FSNO in the storeroom. Additional knowledge on EOQ. Reducing inventory costs through EOQ/FSNO identification. *From Lelinia De Castro, Head, Procurement and Logistics*
- I was able to understand more on the following, Identification of fast, slow, non-moving and obsolete items/stocks. Algorithm on stock/no stock decision tree. Not to have full reliance on OEM. Concept of purchasing costs and carrying costs. The facilitator, Mr. Rolly Angeles was able to share practical and real stories on the industries in terms of maintenance management and spare parts management. Thank You. *From Joan Carino, Head Internal Audit*
- The trainer is knowledgeable about the training topic and very well organized. The trainer delivered his thoughts and insights clearly. *From Melanie Ubalde, Accounting Manager*
- The trainer was able to deliver his thoughts in a fluent and comprehensive manner. *From Maria Laarni Garcia, Technical Staff*
- All points discussed in a very passionate way enabling all learners to grasps well despite not being a maintenance personnel. *From Renante Calago*
- Learned increasing the reliability of equipment to minimize storing of spare parts. No other personnel will be allowed on the storeroom except the storeroom people. Using Economic Order Quantity, FSN and other analysis. *From Kiven Halog, Accounting Specialists*
- An eye-opener for us maintenance people. We are just saving ourselves and not the company. Squirreling must be stopped. *From Ryan Gigante, Planning Engineer*
- Direct to the point. Real talk and has a direct solution. Fun and very energetic. No wasted moments. *From Jubel Edward Zeus, Procurement and Logistics, DMCI*
- A lot of practices to improve as materials coordinator. Eye-opener on proper handling and ways on MRO Spare Parts and Warehouse. *From Michael James Masamoc, Materials Coordinator, DMPC*
- Well presented by the resource person and which is very knowledgeable on the subject and topics discussed. This is also beneficial to our storeroom personnel in order for them to manage inventory, organization and cleanliness of the storeroom. *From Rolando Antonio Chaves, Plant Manager, DMCI Palawan*
- The training is applicable to the current situation of our power plant in Palawan. It provides uniform understanding from different departments on how we shall manage our MRO spare parts and storeroom. Speaker provides us knowledge on the subject. It senses as a first step for the transition of MRO Management. *From JB Sison, Maintenance Superintendent, DMCI Palawan*



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Training Investment Costs:

1 Delegate: Php 20,000.00 + 12% VAT

If your company is **NON-VAT** send us your supporting documents.

Payment Procedure and Policy:

- Since this is an Online training, we accept bank or wire transfer or cheque payments. For check payment kindly pay to RSA Reliability and Maintenance Consultancy Firm. Do not shortcut my company name to avoid problems with the bank..
- Official Receipt will be provided after issuance of the complete payment together with BIR form 2307 for Philippine clients only.
- Once your registration is confirmed. The payment should be done on or before the duration of the training. Should your company cannot comply, kindly send us the date the payment will be done and the contact person in your industry
- 10% Tax can be deducted from the total cost of training provided your industry joining the training should provide us as copy of BIR form 2307 together with the payment as this is required by the Phillipine Government

100% Money Back Guarantee



Seldom do training companies provide this guarantee, but here at RSA Reliability and Maintenance Consultancy Firm. Our Guarantee is that for any reasons you were not happy or satisfied with the outcome of the training. Our small firm offers you **Unconditional 100% Payment Back** and you keep the WCM Book and all the materials provided during the training provided payment had been received during the registration period.

Cancellation, Postponement Policy

- For delegates who will not complete the duration of the training, seminar and workshop, RSA Reliability and Maintenance Consultancy Firm will offer no refunds regarding this matter. Certificates of attendance will only be provided to those delegates that will complete the whole training.
- In the event that the seminar will be cancelled as a result of unforeseen events such as Acts of God or blackouts or problems on internet connectivity. We shall resume the training the following day or we shall send you an email on the date that the training will be resumed.
- In case of a low turn out of delegates for this event, RSA Reliability and Maintenance Consultancy Firm reserves the right to cancel the event. An email will be sent to concerned parties regarding the cancellation.
- In the event you would like to cancel your participation in this seminar, kindly send us an email one week before the event is due. If you have made an advance payment and your delegates did not attend and have not informed us one week before the event, you will be charged with the full amount of the training fee.
- In case the delegate register for this event will not make it on this event, kindly notify us through email regarding the changes in the name of the delegates.

How To Register for this Event:

Step 1: Send us an email on the following:

- Full Name of Delegates: (FN, MI, LN)
- Email of participating delegates
- Position or Designation / Department
- Name of Industry
- Type of Industry
- How is payment to be made Cash or Check
- Is your industry VAT or NON-VAT

Step 2: Once we have confirmed the names of those you will send, we will provide a confirmation email. Strictly No last minute registration will be allowed. We will be using MS Teams as the online platform.



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