

SIRF Roundtables

JESUS SIFONTE PRESENTS RELIABILITY CENTRED MAINTENANCE RE-ENGINEERED RCM-R





Introduction

Reliability Centered Maintenance is a proactive methodology that utilizes failure mode effect analysis to identify failure modes & propose suitable maintenance tasks that are safe, cost effective & sustainable.

Reliability centered maintenance is based around exploration of "what failures could happen", as opposed to root cause analysis (RCA) which is primarily used to examine "what caused the failure/s"

Whilst the RCM & RCA approaches both utilize the cause & effect approach, they apply it to very different questions

RCM-R® (Reliability Centered Maintenance - Reengineered) was developed by Jesús Sifonte in line with SAE Standard JA1011 to provide companies with a solid framework to help them achieve far better results with their RCM initiatives, lower their critical asset risk and reduce maintenance cost

Course Outline

- Know the scope and benefits of RCM applied according to the SAE JA1011 Standard.
- Understand the requirements of a genuine RCM process.
- Understand the role of the methodology within the context of Physical Asset Management.
- Practice the process steps with assets from your plant.
- Select failure management policies
- Distinguish the attributes of the process.
- Know the steps and requirements for the effective implementation of the process in your organization.
- Establish the bases for the certification of RCM-R® analysts, facilitators and instructors.
- Selection of Failure Consequences Management Policies
- Combination of interactive training & hands on activities.

Workshop Methodology

During this workshop you will be guided through the powerful concepts of RCM-R® and shown how to revolutionize your organization's maintenance strategies.

This well paced, highly interactive course includes a mixture of presentation of theory, examples & hands on application of what has been taught.

Trainees gain solid understanding of the steps of the RCM-R® process amongst their reliability, maintenance & asset management professional peers from industry.



Learning Outcomes

-ENHANCED RISK MANAGEMENT INTEGRATION:

Learn how RCM-R® incorporates risk management into the RCM process, enabling organizations to identify, assess, and prioritize risks in a more structured and efficient manner

-STREAMLINE YOUR ASSET MANAGEMENT PROCESS:

Learn how to eliminate redundancies & simplify your RCM process, making it more agile and adaptable. Learn how to achieve faster and more tangible results.

-HOLISTIC ASSET HEALTH EVALUATION:

Using advanced tools such as Failure Modes, Effects, and Criticality Analysis (FMECA), learn how to identify and address the root causes of failure more effectively, improving overall asset performance and extending asset life.

- KNOW THE STEPS TO IMPLEMENT BACK AT WORK:

Knowing the Steps and Requirements for the Effective Implementation of RCMR in your Organization

Establishing the basis for the certification of RCM-R analysts, facilitators, and instructors

Business Benefits

- Know the scope and benefits of RCM applied according to the SAE JA1011 Standard.
- Understand the role of the methodology within the context of physical asset management.
- Improved knowledge of asset management
- History of RCM and its relevance in today's industry
- The RCM-R® process
- Better understand functions and failures
- Symptoms and causes of failures
- Failure impact assessment
- Summary of failure consequences management strategies
- Selection of failure consequences management policies
- Implementation of the process

Conscious Reliability

Conscious Reliability® is a specialist training services provider focused on reliability of physical assets. They represent the merger of two leading specialist firms, CMMI and Conscious Asset, and are represented by their lead consultants, Jesus Sifonte and James Reyes-Picknell.

These two specialists created the book "Reliability Centered Maintenance Reengineered"

Other Courses

Yellow Belt Certification



Green Belt Certification





The Presenter

Jesus Sifonte is a reliability engineering expert and the author of the book "Reliability Centered Maintenance – Reengineered: Practical Optimization of the RCM Process with RCM-R®."

The book presents a vastly updated approach to the traditional reliability centered maintenance (RCM) methodology. It focuses on optimizing the RCM process, incorporating risk management, and providing practical strategies for implementing RCM in various industries. Jesus Sifonte's work has been widely recognized for its contribution to the field of reliability engineering and maintenance management.

Who Should Attend

This workshop is for anyone seeking a deeper understanding in Reliability Centered Maintenance? During this workshop you will be guided through the powerful concepts of RCM-R® and shown how to revolutionize your organization's maintenance strategies.

The workshop is based on Jesus Sifonte's ground-breaking book, "Reliability Centered Maintenance – Reengineered: Practical Optimization of the RCM Process with RCM-R®."

Testimonials

-The class was very well-paced. The instructor was very knowledgeable about multiple areas and could answer all questions. Reliability Engineer from Bio-Pharma Sector, USA

-The Tools were learned in the RCM course and applied in real situations to prevent premature issues. Senior Maintenance Strategy Officer from Public Transportation Industry, Canada

-I liked that even though the subject matter was out of my expertise; the instructor took time to make it clear. Maintenance Specialist from Pharmaceutical Industry, USA

-The mastery of the subject by the instructor is impressive; we are filled with enthusiasm for the project we are about to start. Planning Engineer - Beverage Industry, Canada

-I realized that sometimes we are blind during the maintenance we do on a day-to-day basis and there are better methods to apply them in the different processes. Maintenance Supervisor from Aviation Industry, India

Contact for more information:
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