RCM3 will become the new standard and foundation for analyzing all assets (rotating and static) for all industries. With the publication of ISO 31000 in 2009, ISO 55000 in early 2014 and the impending API 691 suggested practice, companies who want to stay competitive must take a new approach toward asset and risk management that will:

- Optimize available resources
- Increase the bottom line
- Maintain safety and environmental integrity

**Benefits**

- More decisions are made by review groups saving time with implementation
- Risks “quantified” and managed pro-actively
- Reduced maintenance costs
- Risks managed appropriately at the source
- Integrated with RCFA, RCD, RBI3 and CA

**RCM3 Training**

- RCM3 Introductory Course (3-Day)
- Advanced RCM3 Competency Development for Facilitators
- On-site Coaching and Facilitator Development Program
- Aladon Facilitator Certification

**Features of RCM3:**

RCM2™ is industry’s most adopted RCM methodology – more than 80 countries are using it worldwide. RCM3 extends this robust methodology to make reliability a mainstream focus through emerging standards and new technologies. Simply put, RCM3 is the most efficient failure management program for complex assets and processes.

**RCM3 Highlights:**

- Build on the core principles of RCM2 (and SAE JA1011) while improving how risk and reliability are directly impacted by the Operating Context.
- Prioritizes management of your protected functions/systems. No more relying on the availability of protection/protective devices only, so the outcomes of RCM3 are even more defensible than any previous version.
- Incorporates principles of qualitative and quantitative risk management per the most common internationally recognized Risk Management Vocabulary.
- New risk-based architectural structure for seamless integration with other processes like RCD™ and functional FMECA, HAZOP and RBI. RCM3 fulfills ISO 55000 Asset Management Standard requirements for asset reliability and performance.
- Manage consequences and your business risk while optimizing resources. RCM3 surpasses traditional RCM, SAE JA1011 and SAE JA1012 standards.
- Comprehensive software includes ability for current Aladon clients to import existing RCM2 analyses and migrate them to RCM3. Software is fully user definable and can be configured to include your risk matrix and criteria for qualitative and quantitative risk-based decisions.

**Public Aladon 3-day RCM3 Introductory Course**

**WHEN:** May 02 to 04, 2017, 7 am - 4 pm

**WHERE:** Bentley, 5046 Mainway

Burlington, On Canada

Course description is located at... https://coconetinc.wordpress.com/rcm3-analyst-basics-course/
Reliability Centered Maintenance (RCM3™)
3-Day Introductory Course

RCM embodies a great deal of new thinking, much of which is contrary to what many maintenance people believe - or may have even been taught. As a result, one of the most critical success factors in the application of RCM is not only to apply the structured RCM methodology, but also to change the way people think. We have found that if too little emphasis is placed on this aspect of the change management process, the organization either applies RCM incorrectly or it simply rejects any new maintenance regime that emerges from the RCM process (often both), and the associated investment is wasted.

Features of RCM3:

The 3-Day Introductory course is not only intended for key maintenance and reliability personnel, but also for people (usually managers and supervisors) who are going to be asked to release people to participate in the reliability improvement process. In this context, the objectives of our three-day introductory course are as follows:

- To provide review group members with enough of an understanding of the basic principles of RCM for them to be able to participate meaningfully in the RCM process.
- To provide entry level training for RCM facilitators.
- To ensure that first line supervisors have a sufficient grasp of the objectives and technical content of RCM for them to be able to participate sensibly in planning an RCM project, and subsequently in helping to ensure that it is completed as planned.

Course Agenda

Day 1 - Morning
- The business case for reliability
- Overview of the RCM3 process

Day 1 - Afternoon
- Functions and Failed States - Applying to a case study

Day 2 - Morning
- Failure Modes (cause and mechanism) and Effects - Applying the concepts to a case study

Day 2 - Afternoon
- Failure Consequences and Risk - Answering the worth doing question when selecting a strategy

Day 3 - Morning
- Predictive and preventive tasks
- Default actions - Detective tasks, modifications, procedures, or no scheduled maintenance

Day 3 - Afternoon
- Applying and implementing the results

Benefits
- More decisions are made by review groups saving time with implementation
- Risks “quantified” and managed proactively
- Reduced maintenance costs
- Risks managed appropriately at the source
- Integrated with RCFA, RCD, RBI3 and CA

Additional RCM3 Training
- RCM3 Executive Overview (1-Day)
- Advanced RCM3 Competency Development for Facilitators
- On-site Coaching and Facilitator Development Program
- Aladon Facilitator Certification

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The RCM3 Facilitator advanced training is a 10-day course introducing the skills necessary to successfully lead an RCM3 analysis. An experienced Aladon Certified Practitioner will teach delegates to understand the competencies of a facilitator through classroom application and coaching using real world case studies.

An RCM3 analysis conducted by a competent facilitator significantly increases asset performance while improving safety and environmental compliance and reducing risk (physical and economic) and unexpected costs. A qualified facilitator will maximize the quality and consistency of the asset reliability program and support the resulting cultural change. During the RCM3 Facilitator training the concepts of RCM3 are reinforced and the participants apply these by practicing their facilitation skills in a controlled, coached environment.

The objectives of our Advanced RCM3 Facilitator Training:

- To acquire the competencies required to successfully lead an RCM3 analysis.
- To gain an in-depth understanding of the RCM3 concepts and methodology.
- To learn how to generate consensus regarding technical problems and their solutions.
- To apply the methodology through coached formal case studies and on real assets to ensure sensible and defensible results.
- To develop delegates facilitation skills in a controlled, coached environment.
- Understand how to use REW RCM3 software to facilitate an RCM3 analysis.

Course Agenda

Day 1
- The role of the facilitator
- Obstacles in the way of successful RCM implementation
- Review Functions and Failures (Failed States)

Day 2
- Functions and Failures case study - turbine lubrication system

Day 3
- Review Failures Consequences, Risk (Physical and Economic) and Proactive Tasks
- Failures Consequences, Risk and Proactive Tasks case study - turbine lubrication system

Day 4
- Review default tasks
- Default tasks case study - turbine lubrication system
- Review implementing RCM recommendations
- Zero-based case study: establish the operating context

Day 5
- Zero-based case study (continued)

Day 6
- Failure Finding Intervals (Functional Checks)

Day 7 to Day 9
- Zero-based Case Study

Day 10
- Management Presentation and General Round-up
- Test (open book written test)