



Our IMPACT Toolkit™ contains World Class Methodologies recognised for their effectiveness in a very broad range of industries and essential for achieving Operational Excellence

Lean RCM™ is a bespoke, tried and tested methodology for improving process reliability. It is based on best practice within the aircraft industry blended with Lean Manufacturing, from industries such as the automotive sector, and our own, vast, proven experience within diverse industrial sectors. This 3 Day workshop gives you a complete understanding of the process and is guaranteed to provide a paradigm-shift in your approach towards reliability.



"After 25 years in engineering and operations management, I thought I knew about preventative maintenance. How wrong I was! I now have an understanding of Lean RCM™ and its principles which will help me to run our business so much more effectively and efficiently." **Richard Moore, General Manager, Cepac**



Who should attend

A must-attend event for Maintenance and Reliability professionals, Engineering and Operations managers and anyone with an interest in improving the productivity of their process

CPD - Delegates have the opportunity to achieve certification in Lean RCM Level 1 Qualification "Lean RCM Theory" accredited by SQA

To maintain the high quality of this workshop, numbers are limited to 12 people

see reverse for full agenda

Day 1	Background to Reliability, Lean RCM™, Operating Context, Process Mapping, Functions, Failure Modes and Effects, Risk & Criticality
Day 2	Why things fail, Preventative Strategies, Condition Monitoring, Designing out Failures, Effective Implementation Strategies
Day 3	Applying the Lean RCM™ Process, Integrating Reliability with Production, Lean RCM™ Qualification Level 1 Assessment

Why attend

Learn how to increase reliability and reduce waste with less risk to product quality from process failures

- Learn how to create a best practice, visual management system which integrates equipment performance issues into day-to-day operational performance review
- Learn how this sustainable approach to reliability engages operators and maintainers in partnership
- Appreciate the most cost-effective approach to reliability recognising the contribution of operators and focusing on a condition-based approach to equipment intervention

£975 per person excl VAT. includes assessment & SQA certification

Group Discounts available. To reserve your place is easy, just confirm your details, provide a purchase order and we will do the rest.

EMS Cognito can offer discounted accommodation at or near the training course venue please ask for more information.

Book now by completing the web contact form, email us or call

[For Available Dates and Locations see web-site](#)





Day 1 - Understanding Reliability and the Process

- IMPACT Toolkit™ Lean RCM™- Introduction
- Why Change? Putting programme in context with Business Objectives
- What is Lean RCM™ and how is it delivered?
- Process Mapping - theory & practice
- Understanding Functions and Standards of Performance
- Identifying Functions and Standards of Performance
- Understanding & Identifying Functional Failures
- Risk Register theory and practice
- Failure Modes theory



Day 2 – Quantifying the Process Risks and Identifying Reasons for Failure

- Why things fail?
- Failure Effects
- The Analysis Worksheet
- Understanding & using Criticality
- Failure Consequences
- Failure Patterns
- Condition Monitoring & Data Analytics
- Preventative Tasks & Frequency
- Working with MTBF Data
- Default Actions including; Design-out, Critical Spares

You may also be interested in... Our 15 day **IMPACT Masterclass™ programme on Lean RCM™** is implemented on site involving a multi-functional team learning the tools and techniques and delivering tangible improvements in three months. The IMPACT Masterclass™ approach gives people in the organisation the opportunity to develop knowledge and competence in Lean RCM™ and to learn how to use the techniques by taking part in a programme facilitated by an expert consultant from EMS Cognito.

EMS Cognito offers a range of **IMPACT Toolkit™ workshops on-site & off-site** covering tools and techniques in reliability, process improvement, change management and Lean. Please visit our website for more details and to see the list of dates and locations.

What's Included

Delegates are provided with training materials & templates

Workshops include lunch and refreshments throughout the workshop days.

Terms & Conditions

Please visit our web-site www.emscognito.co.uk for full details of booking terms and conditions



WORKS MANAGEMENT MANUFACTURING CHAMPION 2016

Viridor Lean RCM Team

"A textbook example of what you should do if you want to improve your maintenance performance. The team involved everyone from operators up to senior managers, in setting a clear-cut strategy, a breakdown of how they would do it and identifying training support. The Lean RCM team are an absolute credit, both to themselves and Viridor – I'd have them in my plant tomorrow."



Day 3 – Application of Lean RCM™ & Developing a Reliability Strategy

- Practitioner Failure Finding Frequency
- Facilitated Lean RCM™ analysis
- Applying the Lean RCM™ process
- Lean RCM™ Case Study Review
- Making Reliability a Tier 1 topic: Integrating Reliability with Production
- Lean RCM™ Qualification Level 1 Assessment