

# Reliability Centered Maintenance (RCM)

**Have faith in the business benefits of RCM but fear the costs?**

Reliability Centered Maintenance delivers world class reliability, but some believe it is too rigorous, detailed, and time consuming.

Built on the premise that RCM is a means of affecting business results and not an end in itself, our approach is a rigorous process that efficiently delivers all of the benefits at much lower costs.

RCM is an integral component of Emerson Reliability Consulting.

## RCM RESULTS

RCM analyses help us understand how equipment fails and the significance and the effects of failure on the operation.

The analyses help to raise awareness of what can be done to detect or prevent failure and minimize the impending effects on the operation; when done properly, they also help to drive culture change.

By focusing on failure prevention and early detection, RCM enables the refinement and development of highly effective PMs and predictive programs at the system level.

Your personnel will have all of the information required to develop the most efficient set of PM procedures and PdM routes.

In the end, RCM will facilitate your organization's transformation from a fix-it-when-it-breaks maintenance culture to one prepared to manage the consequences of failure and significantly lower maintenance costs.

## RCM WITH EMERSON

**Tools:** Reliasoft Xfmea & RCM++

**Libraries:** FMEA library of over 400 of the most common equipment types

**Facilitators:** Average 22 years of experience covering many industries

**Training:** Comprehensive program that gets you up and running

**Change Management:** Detailed, systematic approaches to changing operations and maintenance culture

Consultants and Field Engineers are trained in the Emerson RCM process, standards and tools.

We will provide analysts familiar with many of the components in the targeted system.

The process is designed to be a rigorous and technically sound analysis that also minimizes the demand on your internal resources. It will utilize a combination of working team sessions, individual meetings with subject matter experts and research from technical documentation.

You may also choose to deploy our extensive FMEA library to accelerate the process. This library contains FMEAs for most commonly encountered components.

All completed RCM analyses are reviewed by one of our Services Managers for accuracy, completeness and compliance with our RCM standards.

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Emerson  
Reliability Consulting  
1100 Buckingham St.  
Watertown, CT 06795 USA  
☎ +1 860 945 2300

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