



## Root Cause Failure Analysis

Problems require solutions – but what solution do you choose?

Many will jump to a solution as being “obvious”. Sometimes they are right and it works – the problem is solved. Other times however, the solution doesn’t work. Perhaps it was better suited to a different problem. Perhaps they had missed out on some important facts before making the choice.

“Root Cause” methods have arisen because there is a belief that there is one cause that can be managed thus solving the problem. In fact there are an infinite number of possible causes and solutions depending on how deeply you want to look. Toyota’s methods employ a simple but effective “5-Whys?” approach. There are a variety of other methods, each with its own strengths and weaknesses. What we all want is a “solution” regardless of the cause.

We’ve examined the most popular methods and studied them. We’ve adapted the best of these methods and blended them into our own. We offer facilitation, training and coaching (competency development) in our own Root Cause Failure Analysis technique.

Our training covers:

- Why?
- Prioritization
- Anatomy of a Failure
- Problem Definition & Description
- Structuring the Analysis
- Testing & Verifying Probable Causes
- Developing Effective Solutions & Implementing Recommendations

Our training is always delivered by experienced facilitators. Following the training we support your use of the method by working with you through initial RCFA projects.

RCFA is one method of improving equipment and system reliability. We see it as an important part of an overall reliability program, even if that program favours more proactive methods. No method is 100% thorough. RCFA helps close those gaps.