

Root Cause Failure Analysis— Eliminating Failure

Root Cause Failure Analysis (RCFA) is a basic technique and skill required to evaluate and determine why a failure occurred.

MET DEMAND offers a very simple and easy to use **RCFA** process which is based on the scientific method. This method is simple and understood by the work force because the basics were taught in high school science classes.

This is a one-day training course which teaches two basic fundamentals: Root Cause Failure Analysis (RCFA) and Return on Investment (ROI).

RCFA uses the scientific method by

- stating a hypothesis,
- testing the hypothesis,
- analyzing the results, and
- modifying the hypothesis.

This process is done for every known cause until the cause which best fits the failure data is identified as the root cause.

Since a failure occurred, costs have increased and customer service levels have decreased. It is very important to understand how to convert this to justification. This is done by identifying costs which are directly tied to the failure and discussing some indirect costs which are not so obvious but are caused by the failure. This total is used against the investment cost of eliminating the root cause to determine **Return on Investment**.

After the participants are trained on the process, the participants will be asked to complete a **RCFA** and **ROI** for an event which has occurred at your facility. This provides the participants with an immediate application and reinforces the use of this process in their work environment.

This process works for all plants independent of the products which are being produced or the size of the facility. If you are facing productivity losses due to reoccurring reliability issues, would like more information on how determine the root cause of these issues and eliminate them, please contact us at www.metdemand.com or call 888-427-4330.

