

Root Cause Failure Analysis and



Start Date: 1/21/2020 8:00 AM

End Date: 1/21/2020 4:30 PM

This one-day workshop will give participants a chance to develop and implement permanent solutions to persistent machine failures and problems. The class will help maintenance personnel more quickly discover the true causes, not the symptoms, of failures.

Also, the training addresses a systematic way of troubleshooting a problem with practical techniques and tools that work. This workshop will provide individual exercises as well as group activities throughout the day for the participants.

- Learn a practical approach to troubleshooting and problem-solving
- Gather basic problem solving techniques such as fishbone diagrams, flowcharts and checksheets
- Understand the "5-Why" technique, the positives and pitfalls, and the best way to use it to find the root cause
- Learn and implement error / mistake proofing systems/tools
- Gain teamwork skills working on solving class exercises
- Reduce downtime and prevent recurrences of failures by standardizing troubleshooting and problem solving methods
- Differentiate between Root Causes of a Problem and Symptoms.
- Learn a structured way of Troubleshooting and Problem Solving for Maintenance
- ERIC (Examine, Repair, Investigate, Correct)
- 5 "M"s of a Process (and breakdown)
- Troubleshooting Charts, Flowcharts
- Investigation tools

- Gather and Analyze the Numbers (Data)
- Five "Why"
- Brainstorming and Cause-And-Effect Diagrams
- Correct Problem
- Prevention Systems
- Error Proof/Mistake Proof
- Communicate

Location(s)

Alabama Workforce