

Course Name:

Root Cause Failure Analysis

Course Description:

Root Cause Failure Analysis can be used in eliminating chronic equipment problems. By analyzing failed pieces of equipment, craftsmen can eliminate these chronic problems and increase uptime.

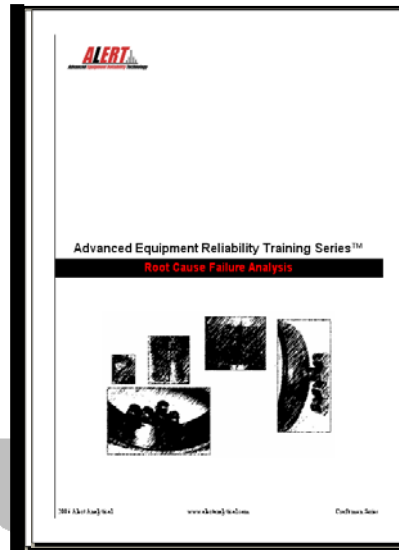
ALERT Root Cause Failure Analysis Training is not a traditional RCFA Training. The focus of this training is shifted away from the technical, difficult to understand methods of teaching RCFA and instead concentrates on teaching craftsmen how to use RCFA to increase Mean Time Between Failures significantly.

Course Objectives:

The first objective of this training is to show craftsmen that Root Cause Failure Analysis is an integral part of their job function. The class then teaches the skills of RCFA from a craftsmen perspective. Attendees also learn how to properly document and present Root Cause Failure Analysis findings to management.

Topics:

- The aims of Root Cause Failure Analysis
- SKF Life Theory
- Overcoming obstacles in RCFA
- Chronic Problems
- Mean Time Between Failures
- Improving performance by categorizing failure data
- Root Cause Failure Analysis skills training
- Document Root Cause Failure Analysis findings

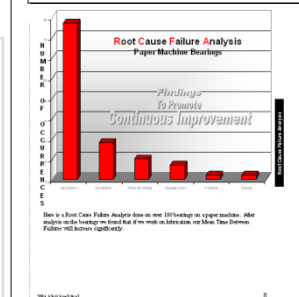


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Damage Condition	Possible Cause	Proactive Maint
Impregnation of roller surface by oiling grease (scuffing)	Contaminated roller surface lubricant that forms an oil film between the roller and the roller ring, preventing proper lubrication.	Preventive maintenance: regularly clean roller surface and roller ring. Use clean oil. Check roller ring for damage. Check roller ring for proper fit.
Order size and roller glazing	Improper roller lubrication.	Preventive maintenance: regularly clean roller surface and roller ring. Use clean oil. Check roller ring for damage. Check roller ring for proper fit.
Roller path moving frames are misaligned	When the roller enters load zone, the roller path is misaligned.	Preventive maintenance: regularly clean roller surface and roller ring. Use clean oil. Check roller ring for damage. Check roller ring for proper fit.

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Equipment Name	Equipment Name																		
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Mean Time Between Failures

Root Cause Failure Analysis is really used for when you have the broken roller bearing looking like the top.

But if there bearing change you think is a case of one year, you should be able to go to the other problem.

Our goal is maintenance professionals to always work a - reducing Mean Time Between Failure.