

Root Cause Analysis to Improve Asset Reliability

C120R Classroom

DAY 1: 8:00 A.M. TO 5:00 P.M.

- Introduction and Basics
- Workshop: Identifying causal factors and root causes
- Analyzing asset data from available asset management systems
- Workshop: Timeline

DAY 2: 8:00 A.M. TO 5:00 P.M.

- Analyzing asset data (cause and effect tree analysis)
- Workshop: Using cause and effect tree analysis
- Determining root causes
- Workshop: Identifying root causes using the Root Cause Map technique
- Developing conclusions and recommendations

DAY 3: 8:00 A.M. TO 5:00 P.M.

- Workshop: Developing recommendations
- Completing the investigation
- Initiating the investigation
- Gathering people, physical, paper, and position data
- Overview of results trending
- Selecting problems for analysis
- Overview of developing and implementing an incident investigation program
- Workshop: Simulated incident investigation
- Certification examination (optional)