



CONTINUING EDUCATION

Diagnostic Troubleshooting

CEQAL 592

Skilled Troubleshooters are highly sought after and their valuable skills have a direct impact on a company's "bottom-line". Participants in this activity-based, three-day seminar learn the importance of using a diagnostic approach to determining the true causes of machine related problems and selecting permanent solutions to those problems. Case studies and real-world examples are used throughout the course and allow participants opportunities to try various troubleshooting tools and develop a diagnostic approach to resolving machine related problems and failures.

Who Should Attend: Technicians, maintenance personnel, manufacturing staff and anyone else responsible for troubleshooting manufacturing processes.

Prerequisite: None

CEU's Credits: 2.4

Duration: 24 Hours – 3-day course

Course Content:

Introduction to Diagnostic Troubleshooting

- What is Diagnostic Troubleshooting?
- Overview of the Diagnostic Troubleshooting Process
- The Value of Troubleshooters
- Types and Categories of Machine Related Problems

Determine and Verify the Root Cause

- The Root Cause Analysis Process
- Gathering Information
- Troubleshooting Tools

Select and Validate the Solution

- Determining Potential Solutions
- Selecting the Most Appropriate Solution
- Decision Making Tools
- Adverse Consequence Analysis
- Verifying and Validating the Solution

Prevent Future Problems

- Preventing Recurrence
- Error-Proofing Methodologies
- Exploring Other Opportunities For the Solution

Documenting the Results

- Creating An Incident Report

Each participant will receive a comprehensive manual and a Certificate of Completion at the close of the seminar.