



Consulting and Training | Reach New Heights

Course Name

Maintenance Troubleshooting: Troubleshooting Procedures

Sector Name

Maintenance & Reliability Management

Document Type

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Maintenance Troubleshooting: Troubleshooting Procedures

Course Introduction

The course teaches participants how to identify symptoms associated with mechanical or electrical equipment problems, determine faulty components based on symptoms, plan a course of action to take in repairing the problem, repair the problem, and observe post-repair equipment.

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Maintenance Troubleshooting: Troubleshooting Procedures

Target Audience

- ✓ Facilities Engineer
- ✓ Facilities Engineering Manager
- ✓ Facilities Manager
- ✓ Facilities Specialist / Coordinator
- ✓ Health and Safety Engineer
- ✓ Maintenance Group Leader
- ✓ Maintenance Helper / Assistant
- ✓ Maintenance Manager
- ✓ Maintenance Superintendent
- ✓ Maintenance Supervisor
- ✓ Mechanical Reliability Engineer
- ✓ Network Reliability Engineer
- ✓ Operations and Maintenance Specialist
- ✓ Reliability Engineer

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Learning Objectives

- ✓ Identify the abnormality or symptom based on normal operation behavior
- ✓ Determine the faulty element or component based on symptoms
- ✓ Plan a course of action to repair the equipment
- ✓ Safely perform repairs on the equipment
- ✓ Apply observation techniques to prevent recurrence once the problem is repaired.

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Course Outline

✓ **01 DAY ONE**

Identifying Symptoms

- ✓ Observation
- ✓ Temperature
- ✓ Vibration
- ✓ Sound
- ✓ Smell

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Course Outline

✓ 02 DAY TWO

Determining Faulty Components

- ✓ Component Failure Analysis
- ✓ Isolating the Fault

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Course Outline

✓ **03 DAY THREE**

Planning a Course of Action

- ✓ Component Access
- ✓ Process Interruption
- ✓ Maintenance Economics

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Course Outline

✓ **04 DAY FOUR**

Repair and Follow-up Observation

- ✓ Replacement Preparation
- ✓ Component Replacement

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Course Outline

✓ 05 DAY FIVE

Operational Observation

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Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
Jan. 31, 2027	Feb. 4, 2027	5 days	4250.00 \$	Bahrain , Manama
April 19, 2027	April 23, 2027	5 days	4250.00 \$	UAE , Dubai
July 19, 2027	July 23, 2027	5 days	4950.00 \$	Italy , Rome
Oct. 19, 2026	Oct. 23, 2026	5 days	4250.00 \$	UAE , Abu Dhabi

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