



First Select

Machinery Failure Analysis

Date	Venues	(\$)Fees	Book your seat
14 Dec -18 Dec 2025	Bahrain	2900	Register Now

Objectives:

This course presents a systematic approach to fault and failure prevention in a broad range of machinery. The key routes to maintenance cost avoidance are demonstrated through a brief overview of metallurgical failure analysis and by describing a sequential approach to machinery troubleshooting and problem solving..

Who should attend?


- Maintenance Engineers
- Supervisors
- Technicians.


Course Outline:


- Failure definitions and types of failure
- Establishing a Root Cause Failure Analysis program
- When to initiate investigation
- RCFA investigation methodology
- Cost/benefit evaluation and performance metrics
- Review of machinery and component failure modes
- Case Histories

WORKSHOP STYLE:

A mixture of short presentations, interactive discussion, individual exercises and group work. The emphasis throughout is on a practical approach using case material and examples.

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