

INTRODUCTION TO CONDITION MONITORING

Aims and Outcomes

This course is designed to give participants an understanding of the principles and application of condition monitoring programs.

It provides knowledge on condition monitoring practices, measurement, route based monitoring, machine diagnostics, and equipment used.



Prerequisite

There are no prerequisites for this course.

Course Content

The Introduction to Condition Monitoring Training Plan is based on competencies within the Australian Qualification Framework (AQF):

- Principles of condition monitoring – Introduction to equipment availability, states of condition, and monitoring tools
- Methods of equipment condition monitoring – Route based monitoring, portable machine diagnostics, online machine monitoring and protection monitoring
- Equipment Criticality index – Critical and essential equipment
- Common conditions monitored – Vibration, noise, temperature
- Measurement - Considerations, frequency response, monitoring procedures and checklists.

Certification

On successful completion of the training, candidates will be awarded a Futuro Skills Certificate in Introduction to Condition Monitoring.

Duration

2 days

Maximum Candidates

10 persons