



First Select

Commissioning & Fault Finding on Equipment (Instrument & Controls)

Date	Venues	(\$)Fees	Book your seat
21 Dec -25 Dec 2025	Bahrain	2900	Register Now

sObjective:

By the end of this course,

- Identify Why Time Based Maintenance Doesn't Work Understand Different PdM Technologies
- Predict What Maintenance Needs to be done and When
- How to Choose the right PdM Technologies for You
- Measure the Effectiveness of Maintenance Decisions
- Communicate the Condition Monitoring Program through the Facility
- How to Choose a PdM Service Provider
- How to Implement a PdM Program

Course Outline:

Predictive Maintenance Program Types:

- Predictive Maintenance Program Types
- Break down
- Preventive
- Predictive

GENERAL COMMISSIONING PROCEDURE :

- Mechanical Equipment
- Electrical Equipments
- Safety in commissioning

COMMISSIONING GUIDELINES :

- Manufacturer's test certificates
- Manuals and Drawings
- Applicable standards
- Technical specifications

STATUTORY APPROVAL OF SCHEMES :

- Before commencement of Installation
- During installation
- Post installation
- Conformance evaluation

FIELD TEST REPORTS


- Documentation
- Completion report

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.

Wireless Communication

- Cellular Networks
- Mobile communication systems
- GSM – GPRS – CDMA – UMTS-LTE
- Voice over IP (VOIP) – IPV4-IPV6
- Supervision of senior projects
- In building solution designing,
- Link budget calculations, coverage
- Simulation, planning parameter optimization

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