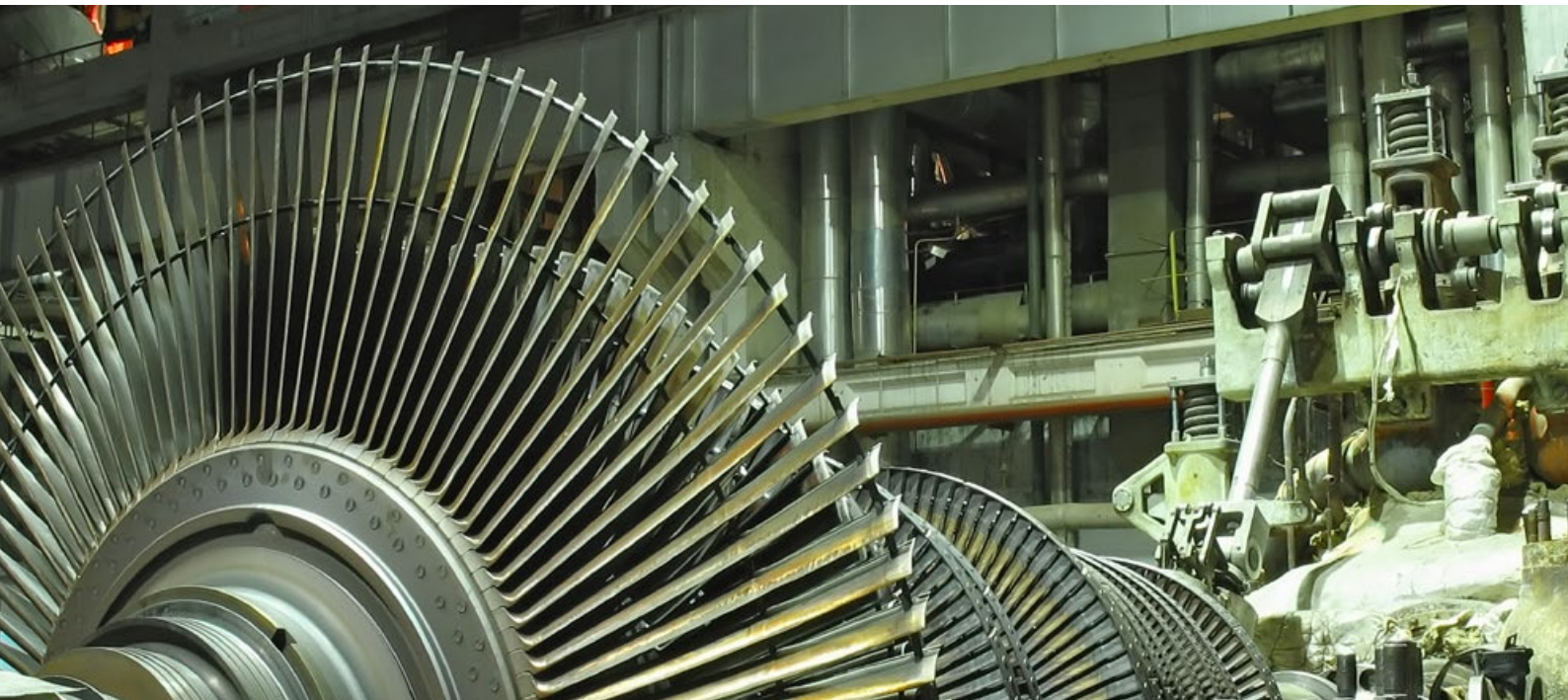




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ROTATING EQUIPMENT

Start-up ■ Operation ■ Maintenance ■ Troubleshooting

01 - 05 September 2019

20 - 24 October 2019

Dubai, United Arab Emirates





ROTATING EQUIPMENT

Start-up ▪ Operation ▪ Maintenance ▪ Troubleshooting

Why Choose this Training Course?

This intensive AZTech training course will introduce delegates to different types of pumps, compressors, turbines and associated equipment, such as bearings, seals, filters, separators, etc. The focus of the training course will be on the start-up and operation of these machines and their optimal maintenance, diagnostics and troubleshooting techniques.

Likewise, efficient and trouble-free operation of pumps, compressors and turbines will be discussed in depth along with their ability to control the main operational parameters and will include emphasis on physical principles and clear technical reasoning.

This AZTech training course will feature:

- Principles of pump, compressor and turbine start up and operation
- Best practices for maintenance and repair
- Measurement and control of performance of these machines
- Inspection and diagnosing the root cause of problems
- Troubleshooting techniques for operational problems of pumps, compressors and turbines

What are the Goals?

By the end of this AZTech training course, participants will be able to:

- Understand different types of pumps, compressors and turbines.
- Operate pumps, compressors and turbines close to the design efficiency.
- Monitor pump compressor and turbine reliability and availability and cost effectiveness
- Select the best operation and maintenance strategy
- Troubleshoot pump, compressor and turbine problems

Who is this Training Course for?

This AZTech training course is designed to benefit all levels of Technical Personnel in the oil and gas industry as well as in chemical and process industries but will greatly benefit:

- Technical Personnel in charge of production
- Maintenance and Operation Engineers
- Operators
- Supervisors
- Engineering Managers

How will this Training Course be Presented?

This AZTech training course will utilise a variety of proven adult learning techniques to ensure maximum understanding, comprehension and retention of the information presented. This includes lecture with active delegate participation including discussions and workshops. Real life problems and case studies will be worked out and discussed.

Through an active participation in the group work and class discussions, the delegates will be a lot of opportunity to increase their experience and knowledge of techniques available for equipment troubleshooting.



THE COURSE CONTENT

DAY 01: Compression Principles

- Principles of Compression
- Ranges of Application
- Centrifugal Compressors
- Reciprocating Compressors
- Rotary Compressors
- Workshop: Examples and Solutions

DAY 02: Elements and Technical Characteristics

- Centrifugal Compressors
- Axial Compressors
- Compressor Packages
- Reciprocating Compressors
- Rotary Compressors
- Workshop: Examples and Solutions

DAY 03: Pumps: Elements and Technical Characteristics

- Types of Fluids and Range of Application
- Centrifugal pumps:
- Axial Pumps
- Reciprocating Pumps
- Rotary Pumps
- Workshop: Examples and Solutions

DAY 04: Start up and Operation of Compressors and Pumps

- Centrifugal and Axial Compressors
- Reciprocating and Rotary Compressors
- Centrifugal and Axial Pumps
- Reciprocating and Rotary Pumps
- Workshop: Examples and Solutions

DAY 05: Maintenance and Troubleshooting of Rotating Equipment

- Centrifugal and Axial Compressors
- Reciprocating and Rotary Compressors
- Centrifugal and Axial Pumps
- Reciprocating and Rotary Pumps
- Course Summary and Review

COURSE SCHEDULE:

01 - 05 September 2019

20 - 24 October 2019

Dubai, United Arab Emirates

THE CERTIFICATE:

AZTech Certificate of Completion for delegates who attend and complete the training course

ROTATING EQUIPMENT

Start-up ■ Operation ■ Maintenance ■ Troubleshooting

DATE	VENUE	FEES(USD)
01 - 05 Sep 2019	Dubai - UAE	\$4,950
20 - 24 Oct 2019	Dubai - UAE	\$4,950

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This fee is inclusive of Documentation, Lunch and Refreshments and maybe subjected to 5% VAT.

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Please use BLOCK CAPITALS.**

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FAMILY NAME:

FIRST NAME:

POSITION:

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- ONLINE / CREDIT CARD

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Hotel accommodation is not included in the Registration Fee. A reduced corporate rate and a limited number of rooms are available for attendees wishing to stay at the hotel venue. Please make your request for accommodation at least **3 weeks** prior to the commencement of the course.

Event Disclaimer

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You must notify the Registrar of cancellations at least **2 weeks before a scheduled seminar** in order to be eligible for a credit. If you cannot attend, you may send a replacement from your organisation at no charge. There is a **\$250 handling charge** for all cancellations or rescheduling. We reserve the right to cancel a seminar due to low enrollment. All registrants will be notified in advance and a full refund will be provided upon request.

4 Ways to Register

Toll Free: **800-AZTECH**

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Fax Number: **+971 4 427 5401**

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Certification

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