Rotating Equipment: Start-up, Operation, Maintenance, & Troubleshooting

02 - 06 Nov 2014
Dubai, United Arab Emirates
Why Choose this Course?

This course will introduce delegates to different types of pumps, compressors, turbines and associated equipment, such as bearings, seals, filters, separators, etc. The focus in the 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.

The 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 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.

How will this be Presented?

This 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.

Course Schedule:

DUBAI, UNITED ARAB EMIRATES
02 - 06 Nov 2014

Who is this Course for?

This 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

Upcoming Related Courses:

Best Practices in Multishift Operations
25 - 29 May 2014, Dubai

Process Plant Optimisation & Energy Conservation
01 - 05 Jun 2014, Dubai

Asset Management & ISO 55000 Series
08 - 12 Jun 2014, Dubai
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| • Principles of Compression  
• Ranges of Application  
• Centrifugal Compressors  
• Reciprocating Compressors  
• Rotary Compressors  
• Workshop: Examples and Solutions | • Centrifugal Compressors  
• Axial Compressors  
• Compressor Packages  
• Reciprocating Compressors  
• Rotary Compressors  
• Workshop: Examples and Solutions | • Types of Fluids and Range of Application  
• Centrifugal pumps:  
• Axial Pumps  
• Reciprocating Pumps  
• Rotary Pumps  
• Workshop: Examples and Solutions | • Centrifugal and Axial Compressors  
• Reciprocating and Rotary Compressors  
• Centrifugal and Axial Pumps  
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• Workshop: Examples and Solutions | • Centrifugal and Axial Compressors  
• Reciprocating and Rotary Compressors  
• Centrifugal and Axial Pumps  
• Reciprocating and Rotary Pumps  
• Course Summary and Review |

Register Now: +971 4 427 5400 | +971 4 427 5401 | info@aztech.ae | www.aztech.ae
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Complete & send by fax/mail to address given below. Please use BLOCK CAPITALS.

Dubai, United Arab Emirates

02 - 06 Nov 2014

REGISTRATION DETAILS

Family Name: .................................................................
First Name [Mr./Ms.]: ...........................................................
Position: ...........................................................................
Company: .........................................................................
Mailing Address: ..............................................................
Telephone ............................................................
Mobile ............................................................
Fax ............................................................
Email ............................................................

AUTHORISATION

Authorised by: ..................................................................
Position: ........................................................................
Telephone ..........................................................
Fax ..........................................................
Email ..........................................................
Postal Address: .............................................................

FEES

US$ 3,950/- per participant

This fee is inclusive of Documentation, Lunch and Refreshments

MODE OF PAYMENT

☐ Please invoice my company
☐ Please invoice me
☐ Please find enclosed a cheque payable to AZTECH

CERTIFICATION

AZTech Certificate of Attendance will only be awarded to those delegates who attend and complete the course.

HOTEL ACCOMMODATION

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 program.

CANCELLATIONS & SUBSTITUTIONS

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.

DISCLAIMER

Circumstances beyond the control of AZTech may necessitate postponement, change of venue or substitution of the Instructor. As such, AZTech reserves the right to implement such amendments.

4 WAYS TO REGISTER

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Website: www.aztech.ae

ABOUT AZTECH

A leading international provider of training, seminars, and learning solutions. We offer Strategy, Management & Leadership Development Programs, Functional & Technical Seminars, Customised In-house Programs, and Business Consultancy for Performance Solutions.