Process Plant Troubleshooting & Engineering Problem Solving

18 - 22 Sep 2016 Kuwait
14 - 18 Nov 2016 Kuala Lumpur
Why Choose this Course?

This course is a must if your company’s goals include reducing costs and preserving the lives of your employees because it delivers a wide range of pro-active, efficient troubleshooting skills. It has been proven that technical competence alone is no longer enough to ensure consistent operational performance. Excellent troubleshooting skills are considered a core competency for ‘Best-in-Class’ modern industrial companies. In the competitive world that we are living in, it is essential that we optimize our efforts to secure the desired outcomes, and this course will equip the delegate with the basic tools and understanding to make that happen.

This course will feature:

- The understanding of terminologies; tools and techniques
- Apply a standard “Blue-Print” for problem analysis and resolution
- How to utilize Maturity Indexing; Planning; and Protocols
- Useful Case Studies; Exercises and Analysis
- Learning the “Human Factors” as a Source of Error

What are the Goals

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

- Appreciate the difference and consequences between pro-active and reactive problem solving
- Develop a structured approach to troubleshooting and problem solving
- Understand continuous improvement in the way you run your processes
- Implement teamwork and leadership principles; support and cooperation practices
- Understand work practices which “allow” success in troubleshooting and problem solving

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 a facilitative style with a combination of lecture, practical experience in the use of techniques, case studies and a high level of lively debate and sharing of ideas. Delegates will be encouraged to introduce problems of their own for discussion and analysis.

Course Schedule:

<table>
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<th>Dates</th>
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Who is this Course for?

This course is suitable to a wide range of professionals but will greatly benefit:

- Employees who are responsible for leading and directing people to achieve and improve productivity levels
- Those faced with the challenge of solving plant related problems
- Production, Maintenance Engineering and Process Engineering personnel
- Supervisors who are involved in the Operations / Maintenance function
- Planners, Coordinators, Engineers and Technologists
THE COURSE CONTENT

DAY 01
Introductory Concepts
- Defining the nature of problems
- Utilising a Common Terminology
- Techniques introduction
- Tools introduction
- Levels of Performance Standard
- Critical Relationships

DAY 02
Tools & Techniques – Practical Experience
- Application of Decision Logic
- Practical Maturity Indexing
- Relationships Analysis
- Problem Analysis and Synthesis
- Practical Use of Tools and Techniques
- Project selection methods

DAY 03
People Issues
- Working practices – empowerment or impairment?
- Group dynamics
- Individual motivators: External vs. Internal Motivation
- Developing Leadership Competence
- Managing change via the Transition Matrix

DAY 04
Operator, Maintainer, Designer Interface
- Cross functional problem solving
- Development of Maintenance strategy
- Life Cycle Analysis, Design for Operation, Design for Maintenance
- Variability Analysis
- Strategies, Planning; and Protocols
- Effect of improved “Fit” between critical parameters in Operations

DAY 05
Open Forum
- Concepts, Tools and Techniques applied to problems
- Configuration Management
- Commercial Programs
- The Critical stages of Data Maturity
- Case Studies and Action Plans
- Wrap up
Complete & send by fax/mail to address given below. Please use BLOCK CAPITALS.

<table>
<thead>
<tr>
<th>Date</th>
<th>Venue</th>
<th>Fees (USD)</th>
<th>Book your seat</th>
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<td>$4,950</td>
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This fee is inclusive of Documentation, Lunch and Refreshments

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:

MODE OF PAYMENT

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

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Our training portfolio will provide you a number of seminars and courses to choose from depending on your organisational goals and personal development objectives.

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 course.

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.

EVENT DISCLAIMER

We reserve the right to cancel or postpone a seminar or related event, change venue, substitution of the Instructor at our sole discretion. If this occurs, our responsibility is limited to a refund of any registration fee(s) already paid. We are not responsible for airline tickets, hotels costs, other tickets or payments, or any similar fee penalties or related or unrelated losses, costs and/or expenses registrant may incur or have incurred as a result of any trip cancellations or changes.

4 WAYS TO REGISTER

Toll Free: 800-AZTECH  
Tel: +971 4 427 5400  
Fax: +971 4 427 5401  
Email: info@aztech.ae  
Website: www.aztech.ae

CERTIFICATION

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