AZ TECH

An ISO 9001:2015 & ISO 29990:2010
Certified Company

Decision Analysis for Operation & Maintenance Professionals

30 Dec - 03 Jan 2019, **Dubai**
01 - 05 Jul 2019, **London**
06 - 10 Oct 2019, **Dubai**
29 Dec 2019 - 02 Jan 2020, **Dubai**

ACS REGISTRARS Quality Assurance ISO 9001
ACS REGISTRARS ISO 29990
iosh
NACE INTERNATIONAL THE CORROSION SOCIETY
iam Institute of Asset Management CORPORATE MEMBER
iam endorsed TRAINER
THE GLOBAL COMPACT United Nations Global Compact

Decision Analysis for Operation & Maintenance Professionals

Why Choose this Training Course?

This comprehensive training course examines techniques for decision analysis with emphasis on prioritization and the decision making process to be carried out by Operation & Maintenance Professionals. Decision-making is the most central human activity, intrinsic in our biology and done both consciously and unconsciously. We need it to survive. Taking a decision is not just a question of selecting the best alternative. Often one needs to prioritise all the alternatives for resource allocation among a portfolio of option, or to examine the effect of changes introduced to initial judgments. We need to set priorities on these solutions according to their effectiveness by considering their benefits, costs, risks, and opportunities, and the resources they need.

This AZTech training course will feature:

- Breaking a problem down into its constituent parts or components, in the framework of a hierarchy
- Establishing importance or priority to rank the alternatives is a comprehensive & general way to look at the problem in a formal manner
- Application of multi criteria decision-making (MCDM) to practical problems
- Introduction to different operational research & management science methods
- Enhance decision-making with goals and criteria & show how to measure and rank them

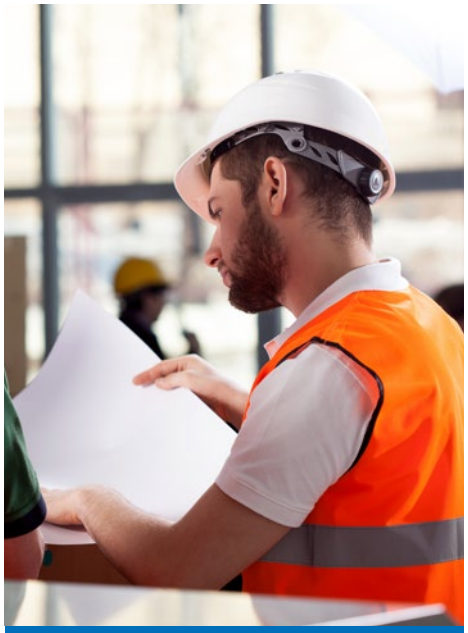
Who is this Training Course for?

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

- Operation and Maintenance Professionals
- Key Operations Supervisors
- Internal Improvement Consultants

How will this Training Course be Presented?

This training course will utilise a variety of proven adult learning techniques to ensure maximum understanding, comprehension and retention of the information presented. This includes hands-on, stimulating experience and using interactive user friendly decision analysis software. The training course is highly interactive with many discussion and facilitated practice sessions. Key points will be emphasised with case study examples. There will be a combination of presentation sessions and workshops during in this course.



Course Schedule:

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06 - 10 Oct 2019, **Dubai**
29 Dec 2019 - 02 Jan 2020, **Dubai**

What are the Goals?

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

- Improve productivity through use of better, timelier information
- Understand how world-class organisations solve common asset management problems
- Optimise planning and scheduling resources, carry out optimised failure analyses
- Optimise asset management budgets by avoidance of unplanned equipment failures in service
- Develop a practical approach of an action plan to utilise these technologies in their own areas of responsibility

THE COURSE CONTENT

DAY ONE:

Introduction to Decision Making

- Scope and significance of decisions
- The Decision making process
- The concept of best practice through learning from worst practice
- Introduction to reliability and Weibull analysis
- Case Studies and Group Exercises

DAY TWO

Implementing Multiple Criteria Decision Analysis using the Analytic Hierarchy Process (AHP)

- Definition of Decision Analysis
- How, and Why, Bad Decisions are Made
- Guidelines for Good Decision Analysis
- What is AHP?
- Benefit/Cost Analysis
- Resources Allocation

DAY THREE

Risk Management through Failure Mode & Effect Analysis (FMEA)

- Fault Tree Analysis
- Risk Priority Number
- The Criticality Matrix
- Modelling Reliability of Systems
- Series and Parallel Systems
- The Redundancy Concept

DAY FOUR

MRP and ERP Systems

- What is ERP and how did it develop
- What is MRP System
- The Bill of Materials
- Master Production Schedule
- Practical Examples
- Case Studies and Group Exercises

DAY FIVE:

Decision Analysis for Optimisation of Maintenance Activities

- How to get the most of your CMMS?
- Benefits that can result from CMMS
- Optimum Decisions for Maintenance Policies
- Key Features of Next Generation Maintenance Systems
- How to transform Data to Decisions
- Examples of Approaches and Case Studies

The Certificate

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

Decision Analysis for Operation & Maintenance Professionals

Complete & send by fax/mail to address given below. Please use BLOCK CAPITALS.

This fee is inclusive of Documentation, Lunch and Refreshments

Date	Venue	Fees(USD)	Book your seat
30 Dec 2018 - 03 Jan 2019	Dubai - UAE	$4,950	**Register Now**
01 - 05 Jul 2019	London - UK	$5,950	**Register Now**
06 - 10 Oct 2019	Dubai - UAE	$5,950	**Register Now**
29 Dec 2019 - 02 Jan 2020	Dubai - UAE	$5,950	**Register Now**

VAT Announcement: The Government of UAE have introduced Value Added Tax (VAT) on goods and services from 01-January-2018. In compliance with the legislation issued by the UAE Government, we will be applying a 5% VAT on the fees for all our programs and services offered from January 2018 as applicable and stipulated in the FTA circulars.

REGISTRATION DETAILS

Family Name:_____ First Name:_____

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**

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.

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.

DOWNLOAD TRAINING PLAN 2019

Scan this code with your smart phone to download Training Plan 2019

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

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.

4 WAYS TO REGISTER

Toll Free: 800-AZTECH
Telephone: ..... +971 4 427 5400
Fax Number: ..... +971 4 427 5401
Email Address: ..... info@aztechtraining.com
Visit our website: ..... www.aztechtraining.com

CERTIFICATION

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