LONDON-UK

26-30 Oct 2026

Process Control, Troubleshooting & Problem Solving

Why Choose this Training Course?

This training 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's 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 training course will equip the delegate with the basic tools and understanding to make that happen.

This Process Control, Troubleshooting & Problem Solving training course will feature:

- The understanding of terminologies, tools, and techniques
- The application of a standard "blue-print" for problem analysis and resolution
- How to utilize maturity indexing, planning, and protocols
- Learning the "human factors" as a source of error

What are the Goals?

By the end of this training 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

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- Implement teamwork and leadership principles, support, and cooperation practices
- Understand work practices which "allow" success in troubleshooting and problem solving

Who is this Training Course for?

This training 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

Daily Agenda

Day 1: Basics of Problem Solving

- Principles of problem solving
- Procedures of problem solving
- Methods and documents of problem solving
- Problem area and detailed procedures (indirect area, manufacturing process problems, product problems, lessons learned)
- Performance standard (strategic, operational, individual)
- Critical relationships

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Day 2: Tools & Techniques – Practical Experience

- Application of decision logic
- Relationship analysis
- Relationship between plant species richness and primary productivity
- Problem analysis and synthesis
- Practical use of tools and techniques
- Project selection methods

Day 3: Maximizing the Contribution of People in Process Plants

- The machine-human connection
- A high-quality digital shift handover process
- Embrace technology and support human factors
- Working practices – empowerment or impairment?
- Individual motivators (external vs. internal motivation)
- Developing leadership competence

Day 4: Operator, Maintainer, Designer Interface in Process Plants

- Process plant and machinery specific issues
- Performance (impacting factors, performance defined in terms of speed, quality, and cost)
- Cross functional problem solving
- Development of maintenance strategy
- Life cycle analysis, design for operation, design for maintenance
- Strategies, planning, and protocols

Day 5: Open Forum

- Cross function team working
- Configuration management
- Development of standards and Key Performance Indicators

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- Auditing the process to a dynamic standard

Training course Price:

Number of Participants	Course Price
1 Participant	KWD 1650.000
2 Participants	KWD 1600.000
3 Participants	KWD 1550.000
4 Participants	KWD 1500.000
5 Participants	KWD 1450.000
6 and above Participants	KWD 1400.000

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