Process Troubleshooting & Problem Solving

Date	Venues	($)Fees	Book your seat
14 Dec -18 Dec 2025	Istanbul	3300	Register Now

Course Overview

Troubleshooting of Chemical Plants (Industrial Process Plant) is required to:

- Restore or improve on-line time and enhance production capacity.
- Achieve specifications of the product, by product and waste stream.
- Reduce hazards and Utilities Consumption.
- Improve yield, Auxiliary Chemicals and Catalysts and;
- Meet environmental standards.

Course Objective

- Explain steps in troubleshooting techniques.
- Demonstrate the use of troubleshooting tools to process problems.
- Apply troubleshooting techniques.
- To perform systematic to solve engineering problems.
- Cause and Effect Analysis: Using measured process variables and personal knowledge of how these variables affect each others.

Who Should Attend?

- Those faced with the challenge of actually using the various techniques of Troubleshooting and Problem Solving to reduce downtime and waste and improve run efficiencies will benefit
- It is of equal importance to Production, Maintenance Engineering and Process Engineering personnel

Course Outline

- **Chemical Plants Processes and Operation**
- **Basics of Plant equipment / Functionality / Operation**
- **Batch and continuous Process**
- **Process Control**
- **Problem Solving Techniques**
- **Troubleshooting in Chemical plants**
- **Troubleshooting models**
- **Troubleshooting Methods**
- **Troubleshooting Problems in Refrigeration Systems**
- **Troubleshooting Problems in Rotating machines (Pumps Fans, Blowers and Compressors)**
- **Troubleshooting Problems in Distillation towers**

- **Troubleshooting Problems in boilers and Heat exchangers**

Training Methodology

- Presentation & Slides
- Audio Visual Aids
- Interactive Discussion
- Participatory Exercise
- Action Learning
- Class Activities
- Case Studies
- Workshops
- Games & Role plays

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