

**Course Name:** Process Plant Operations

**Reference Code :**

**Description:**

**Course Objective:**

**By the end of this course trainees must able to:**

- 1- Define the process
- 2- Recognize the various equipment critical to the process
- 3- Know the relation between the process stages
- 4- Know all process hazards
- 5- Know the optimum process operation conditions
- 6- Know the relation between quality and operation

**Programme Methodology:**

**Who Should attend?**

**Operators, process engineers, technicians and area operation and maintenance supervisors**

**Course Outline:**

**United Arab Emirates**

Emirates Towers, Level 41 Sheikh Zayed Road  
Dubai-UAE. P.O Box 3103

Tel.:0097143132317

**Kingdom of Saudi Arabia**

Khobar Gate Tower  
King Fahad Street , Khobar 31952

Tel.: 00966133308334

**Kingdom of Saudi Arabia**

101 Business Tower, 8th Floor  
Al Jubail 35513, Bldg# 9278 ,KSA

Tel.: +966 13 361 5552

- 1- Pumps: types, operation, efficiency, startup and shutdown and normal operation
- 2- Compressors: operation, efficiency, startup and shutdown and normal operation
- 3- Heat exchangers: operation, efficiency, startup and shutdown and normal operation
- 4- Furnaces: monitoring, control, and operation
- 5- Boilers: operation, safety measures and instrumentation
- 6- Steam turbine operation
- 7- Reactors operation, monitoring, catalyst installation and control
- 8- Distillation columns operation and control

Course Duration    Date

**Time:** 08:00 AM -03:00 PM

**Numbers of hours:** 30 Hours

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