

**Course Name:** Centrifugal Pumps & Compressor

**Reference Code :**

**Description:**

**Course Objective:**

To know pumps, types, operation and troubleshooting  
To know compressors, types, operation and troubleshooting  
To know the vibration characteristics of pumps and compressors  
Diagnosing faults using vibration spectrum

**Programme Methodology:**

**Who Should attend?**

**Operators, process engineer, technicians and area supervisors**

**Course Outline:**

**Pumps:**

- Types
- Operation principle
- Operation curve
- Centrifugal pump operation

**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

- Centrifugal pump sealing system
- Multistage pumps and flow characteristics
- Centrifugal pumps sizing
- Vibrational analysis

#### Compressors:

- Types
- Operation principle
- Operation curve
- Centrifugal compressor operation
- Centrifugal compressor sealing system
- Multistage compressor and flow characteristics
- Centrifugal compressor sizing
- vibration

Course Duration    Date

**Time:** 08:00 AM -03:00 PM      **Numbers of hours:** 30 Hours

#### 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