



Structural Steel Design for Oil & Gas Industry

19 - 23 Jan 2025
Cairo (Egypt)



Structural Steel Design for Oil & Gas Industry

Ref.: 15627_317735 **Date:** 19 - 23 Jan 2025 **Location:** Cairo (Egypt) **Fees:** 3500 Euro

Course Content:

- **Steel Properties and Grades**
 - **Steel Properties**
 - **Structural Shape Selection**
- **Structural Design Philosophy**
 - **Limit State Design and Allowable Stress Design**
 - **Commonly Used Codes and Standards**
- **Loading and Load Assessment**
 - **Dead and Live Load**
 - **Wind and Environmental Load**
 - **Load Conditions and Combinations**
- **Beam and Frame Analysis**
 - **Bending Moment and Shear Calculations**
 - **Truss Analysis**
- **Structural Member Design**
 - **Considerations for Member Selection**
 - **Member Check and Unity Ratio**
 - **Deflection Check**
 - **Member Failure Modes and Solutions**
- **Connection Design**
 - **Welded Connection**



Istanbul - Turkey: +90 539 599 12 06
Amman - Jordan: +962 785 666 966
WhatsApp London - UK: +44 748 136 28 02

- **Bolted Connections**
- **Design of Bearing Stiffeners**



**Registration form on the :
Structural Steel Design for Oil & Gas Industry**

code: 15627 **From:** 19 - 23 Jan 2025 **Venue:** Cairo (Egypt) **Fees:** 3500 **Euro**

Complete & Mail or fax to Mercury Training Center at the address given below

Delegate Information

Full Name (Mr / Ms / Dr / Eng):

Position:

Telephone / Mobile:

Personal E-Mail:

Official E-Mail:

Company Information

Company Name:

Address:

City / Country:

Person Responsible for Training and Development

Full Name (Mr / Ms / Dr / Eng):

Position:

Telephone / Mobile:

Personal E-Mail:

Official E-Mail:

Payment Method

Please invoice me

Please invoice my company