



## Structural Steel Design for Oil & Gas Industry

14 - 18 Apr 2025  
Barcelona (Spain)



# Structural Steel Design for Oil & Gas Industry

**Ref.:** 15627\_317752 **Date:** 14 - 18 Apr 2025 **Location:** Barcelona (Spain) **Fees:** 5500 **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:** 14 - 18 Apr 2025 **Venue:** Barcelona (Spain) **Fees:** 5500 **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