

## PFE 202 | PETROLEUM FACILITIES MECHANICAL ENGINEERING

Fee : Malaysian RM 1750  
International EURO 750



### Course OBJECTIVES

At the end of this course, the participants will be able to :

- Identify mechanical engineering development information requirements
- Identify mechanical engineering activities
- Coordinate engineering activities with all other disciplines
- Identify other engineering documents and drawings affected offshore and pipeline engineering activities
- Apply other discipline requirements in the design
- Identify workflow of all offshore and pipeline engineering activities which might be the critical path

### Course CONTENTS

Overview Mechanical and HVAC Engineering Management : Scope of work; Organization; Deliverables; Workflow - Input and Output; Tools and Software; Human Resource; Cost Management; Risk; Technical Standard and References. Engineering Discipline Interfacing Mechanical; Process; Instrumentation; Piping; Process Safety; Electrical; Pipeline; HVAC; Architecture; Fabrication; Installation; Commissioning (Onshore and Offshore); Project Management Interface; Procurement; Planning; Cost Control; Document Control; Interface; Quality; HSE; Contract; Finance; Regulatory; Risk Management; Logistic; Expedite; Engineering Documentation Lifecycle; FEED; Conceptual; Detailed; Shop Drawing; Material Control; Production/Fabrication/Construction; QA/QC/Modification; As Built; Installation & Commissioning; Final Documentation; Handover; Project Development Experience Drilling Platform; Processing Platform; Complex Facilities; Satellite Platform; Spar DTU

### Course TUTORS

#### *Ir. Hassanazhari bin Ahdi*

Ir. Hassanazhari, Degree Holder in Mechanical Engineering and Master of Engineering from University of Technology Malaysia. Over 16 years of working experience in oil, gas and petrochemical industry. Involved in the design of offshore platforms and onshore facilities including feasibility study, new project bidding, preparing equipment specification, preparing MTO, performing bid evaluation, material handling study, develop installation methodology for specific critical installation works, performing mechanical design calculation and analysis, supervising mechanical erection works, testing and commissioning works etc. Experience in construction and pre-commissioning of four (4) turnkey projects on full time basis. Managing all mechanical deliverables for all projects undertaken.

#### **Method of payment**

Please kindly complete and return the reply form together with

By cheque / Bank draft which are made payable OCTAGON PETROLEUM TECHNOLOGY SDN. BHD.

Please instruct your bank to remit us the full amount net of bank charges

Acct No: 62038-0-01-001554-1  
Bank: Alliance Bank Bhd  
Branch: Kajang

#### **Cancellation & substitutions**

A full refund will be promptly made for all written cancellations 2 weeks before the meeting. 50% refund will be made for written cancellations received 7 days before the meeting. A substitute may be made at any time.

#### **Note**

a) The organiser has the right to make any amendments that they deem to be in the best interest of the course and to cancel the course if insufficient registrations are received a week before course commencements date .

b) **CERTIFICATE OF ATTENDANCE** will be awarded at the end of the course.

### **Enquiries |**

**OCTAGON PETROLEUM TECHNOLOGY SDN BHD**

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### REPLY FORM

Name 1& Job Title : \_\_\_\_\_

Name 2& Job Title : \_\_\_\_\_

#### **Company Information**

Company Address : \_\_\_\_\_

\_\_\_\_\_

Tel \_\_\_\_\_ Fax \_\_\_\_\_