

PFE 102 | PETROLEUM SURFACE FACILITIES

Fee : Malaysian RM 1750
International EURO 750



Course OBJECTIVES

- At the end of this course, the students will be able to:
- Describe with the overall petroleum engineering activities
- Explain the general workflow of petroleum engineering activities from exploration to consumer products
- Identify the scope of work for every discipline.
- Explain the overall flow of the work processes and the key personnel involved in the job execution
- Explain piping design activities impact to the overall petroleum engineering activities

Course CONTENTS

Petroleum Facilities Process Engineering; Oil Production Facilities; Gas Production Facilities; Offshore Storage Facilities; Pipeline Facilities; Crude oil Terminal and Storage Tanks; Transportation system; Material Balance; Process Simulation; Process Flow Diagram; Piping and Instrumentation Diagram (P&ID); Process Data Sheet; Petroleum Exploration Facilities; Self Elevating Jack Up Rig; Tender Assist Rig; Self Contained Rig; Drill Ship; Semi-submersible Rig; Drilling System; Mud Circulating System; Kick; Well Control; Surface Facilities Overview; Drilling Platform; Riser Platform; Processing Platform; Satellite Platform; Complex Facilities; FSO/FPSO; Subsea Facilities; TLP; Subsea Facilities; Spar DTU; Wellhead; Separators; Launcher & Receivers; Facilities Engineering; FEED; Conceptual; Detailed; Modification; As Built; Shop Drawing; Material Control; Production/Fabrication/Construction; QA/QC; Installation & Commissioning; Final Documentation; Facilities Operation and Maintenance Operation; Document Management; Risk Management; Turnaround; Maintenance; Modification; Expansion; Debottlenecking; Rejuvenization

Course TUTORS

Mr Azdi Abas | He graduated from Texas A&M, USA in Petroleum Engineering is specialized in Petroleum Facilities Engineering. Involved in mega offshore project development including deepwater facilities such as Angsi development Project (Malaysia), Cakerawala Development Project (Malaysia/Thailand JV), East Area Project (Nigeria), Chunxiou Development Project (China) and Kikeh deepwater Project (Malaysia) . Experience in design, fabrication, construction and modification activities. Hold various key positions in the offshore development projects such as Lead Piping Design and Plant Layout Engineer, Pipe Stress Engineer, Lead PDMS designer, PDMS Administrator, Lead QA/QC Engineer and Project Engineer. The Founder of Octagon Petroleum Technology and Managing Director of the company which provides education and training consultancy to industry and universities in Malaysia. Appointed as Deputy Chairman for Brunei National Advisory Committee (NPAC) for session 2002/5. Currently, appointed as one of Oil and Gas Advisory Board for Department of Skill Development (JPPK) under Ministry of Human Resource, Malaysia.

REPLY FORM

Name 1& Job Title : _____

Name 2& Job Title : _____

Company Information

Company Address : _____

Tel _____ Fax _____

Method of payment

Please kindly complete and return the reply form together with

By cheque / Bank draft which are made payable to 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 |

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