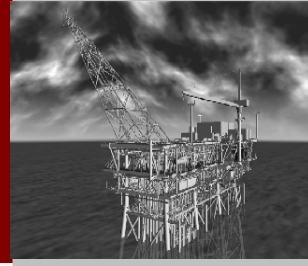


PROCESS EQUIPMENT AND PIPING DESIGN

Individual Fee: RM 1750
International EURO 750



Who Should ATTEND

Process designers, fresh engineers, engineers

Course OBJECTIVES

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

- Explain process equipment and its function
- Identify process equipment
- Perform basic sizing for line and equipment
- Select material of construction for equipment and piping

Course CONTENTS

Introduction to typical process equipment: compressor, pump, vessel, heat exchanger.

Basic fundamental of Fluid Mechanics: single/two phases fluid flow behavior, pressure drop determination, introduction to line sizing. **Basic fundamental of Fluid Separation:** separation process, type of separation equipment, type of internals. **Basic Fundamental of Heat Transfer:** heat transfer equipment, basic heat transfer calculation.

Type of exchanger. **Material Selection:** basic concept, material properties, commonly used materials, effect of CO₂ and H₂S on material selection. **Piping Rating:** basic concept, piping standard rating (ANSI).

Course TUTOR Mr Danial Khairi Ahmad

He has 10 years of experience in the Oil & Gas and Petrochemical Consultancy Industry as a process engineer who is very familiar with Process Simulation, Optimization Techniques, CO₂ Removal Study, H₂S Removal Study, HAZOP Study, P&IDs, Cost and Effect Matrix, Safe Chart, Heat exchanger Rating, process equipment/instrument/line sizing and datasheets and with management experience too. Attended courses on HAZOP and Multistage Hazard Study, Risk Assessment Technique and Project Management.

Method of payment

Please kindly complete and return the reply form together with payment by cheque / Bank draft made payable to:

OCTAGON PETROLEUM TECHNOLOGY SDN. BHD.

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

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 for written cancellations received 7 days before the meeting. A substitute can be applied at any time.

Note:

The organiser reserved the rights to make any changes or amendments that are deemed to be in the best interest of the courses and to cancel it if insufficient registrations are received a week before the course commencement date.

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

Enquiries:

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mohamed.ali.almaskari@octagon-petroleum.com

REPLY FORM

Name 1& Job Title : _____

Name 2& Job Title : _____

Company Information

Company Address : _____

Tel _____ Fax _____