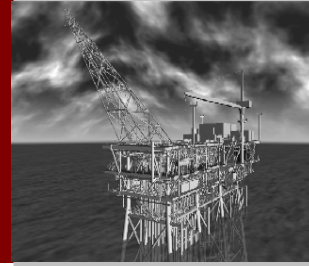


PROCESSING PLANT PIPING ARRANGEMENT

Malaysian: RM 1750
International EURO 750



Who Should ATTEND

Technical staffs, engineers, engineering discipline leads, designers and engineering specialists.

Course OBJECTIVES

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

- Identify piping engineering requirements
- Route local piping
- Quantify piping spacing requirements
- Estimate overall spacing requirements
- Read P&ID
- Apply sloping requirements
- Determine deck height

Course CONTENTS

Piping Layout Study; Plant layout orientation, pipe rack, major piping, process piping, utility piping. **P&ID review;** identify main processes, indentify large bore pipe. **Overall process requirements;** gravitational flow requirements, sloping requirements, vent and drain requirement. **Equipment Piping;** vessel piping, rotating equipment piping and heat exchanger piping. **Equipment Study;** equipment operability requirements, installation strategy, maintainability and determinations of equipment nozzle orientation. **Piping Detailing;** pipe insulation requirement, stress analysis and compliance to piping routing design, pipe supports location and arrangements, standard support application, piping specification application and instrumentation-piping interface. **Piping Ergonomic Design;** safety design requirement and accessibility for maintenance. **Application of Plant Design modeling system of software (PDS/PDMS);** modeling, consistency check, clash check and database integrity check, **Vendor Data Incorporation (VDI);** vendor drawing review and vendor drawing incorporation.

Course TUTOR Mr Abdul Rahman Bin Matali

Is an instructor and consultant for Octagon Petroleum Technology. His career includes over 28 years working in design engineering with major engineering consultant including Chiyoda Singapore, CTCI Corporation, Edeleanu Asia and Technip Geoproduction (M) Sdn Bhd. His experience includes area piping layout, piping arrangement, Feed Engineering, piping studies, detailed design and plot plan study. He graduated from Singapore Polytechnic in 1980. He was involved in many offshore and onshore projects for oil and gas producers, both domestic and international.

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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