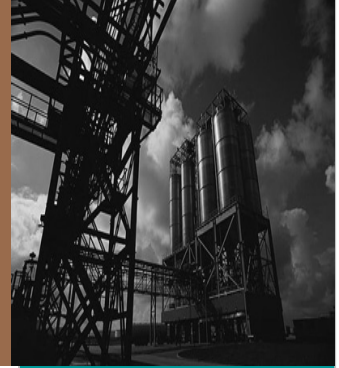


MECHANICAL ROTATING AND TURBO MACHINERY I



COURSE CONTENTS

In this module, the participants are introduced to the preparation of the rotating and turbo-machinery equipment design which includes among others various pumps, compressors, steam and gas turbine, diesel and gas engine and special equipment such as centrifuge, extruder and special package equipment where involve rotating machinery. In this course the participant will be taught on how to establish the equipment layout and to estimate the sizing for any new pump or other rotating machinery to be installed and this will help the plant management to better forecast on any other associated items such as power consumption as well as performance and cost. For any retrofit works the participant will be taught on how to handle any machinery for upgrading and to evaluate the existing equipment for potential upgrading or other wise. It also gives them the exposure to the application of codes and industry standards in the design. Participants would also be taught to prepare the mechanical specification, purchase requisition, bid evaluation, vendor data and document review, expediting, inspecting and supervision of equipment manufacture. Finally, the participants are taught the final material documentation requirement before the actual hand over to client.

COURSE OBJECTIVES

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

- Calculate equipment hydraulic sizing as per codes requirements
- Estimates the equipment kW rating and perform equipment selection
- Prepare equipment datasheets and specification
- Able to understand various International Standard & Codes requirements such as API 610, API 617, API 676, ASME B73.2, NFPA 20 etc.
- Perform technical evaluation (*TBE*)
- Review vendor data documentation and incorporation

COURSE TUTORS Ir. Hassanazhari Ahdi

Ir. Hassanazhari bin Ahdi graduated from University of Technology Malaysia in Master of Engineering. 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. He has experience in construction and pre-commissioning of four (4) turnkey projects on full time basis and managing all mechanical deliverables for all projects undertaken.

REPLY FORM

Name : _____

Job Title: _____

Company Information

Company Address: _____

Tel _____ Fax _____

Method of payment

Please complete and return the reply form together with payment.

Payment shall be made through Crossed Cheques/Postal Orders/ Bank Drafts/ Cash and Made Payable to "OCTAGON PETROLEUM TECHNOLOGY SDN BHD"

You may also bank-in direct to:

Malayan Banking Berhad
Branch A/C: 564847100322
Please provide a copy of the bank-in slip to our office for our reference and fax in to 603-9059 2431

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 organizer 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.

**OCTAGON
PETROLEUM
TECHNOLOGY SDN BHD**

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