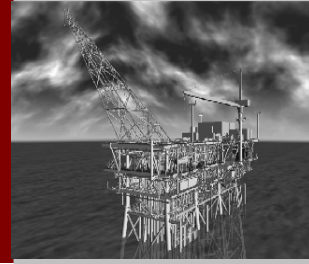


# INSTRUMENTATION AND CONTROL DESIGN

Individual Fee: RM 1750  
International EURO 750



## Who Should ATTEND

Fresh engineers, chemical engineers, process designers

## Course OBJECTIVES

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

- Explain principle of measurement
- Understand the function of control valve
- Understand the function of shutdown valve
- Identify various process control loop and its functions
- Identify alarm and trip function

## Course CONTENTS

**Principle of Measurement:** Pressure, temperature, level, flow, weight, sand detection.

**Control/Shutdown Valve:** basic concept, control valve, shutdown valve. **Basic control loop and alarm/trip function:** basic concept, pressure/temperature/level control, cascade control, ratio control, split control, alarm and trip function.

## 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, CO<sub>2</sub> Removal Study, H<sub>2</sub>S 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:

**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 \_\_\_\_\_