

3 Days Masterclass on Instrumentation and Control Engineering

Develop Instrumentation, Control System and Installation Specification

24th - 26th July 2019

The Ritz-Carlton, Kuala Lumpur, Malaysia

Major Benefits of Attending:

By end of the course, delegates will be able to:

- **REVIEW** measurement and control
- **IDENTIFY** instrument index
- **DEVELOP** control architected layout
- **PLAN** piping and instrumentation diagram
- **MASTER** installation, operation, maintenance manual
- **UNDERSTAND** cause and effect diagram
- **REVIEW** vendor documents
- **SOLVE** technical bid analysis
- **PREPARE** hook up, consumption, cable schedule

**DELEGATES ARE
REQUIRED TO BRING
THEIR OWN LAPTOP
AND A SCIENTIFIC
CALCULATOR**

Why you Should Attend?

Instrumentation is defined as the art and science of measurement and control of process variables within a production or manufacturing area. The process variables used in industries are Level, Pressure, Temperature, Humidity, Flow, pH, Force, Speed and more. This highly interactive three days event will be beneficial to beginners, intermediate and senior Instrumentation Engineers who aims to understand the principles of Process Control and study of the main Control strategies used in the offshore and onshore facilities.

The purpose of this three – day module is to develop a thorough understanding amongst participants about what “Instrumentation and control Engineering” is all about. In this workshop we give an overview of different areas of Instrumentation and control Engineering activities in the industries and projects. We begin day 1 with 5 session detailed description of Project concept, followed by 5 major titles for each session. We will give examples that give a flavor of the nature of projects and their performance.

On the second day we give an overview of the Detailed Engineering Activities. On the third day we give an overview of the Procumbent& Construction (installation) and Commissioning. We give you proper example for all area of activities. Participants will leave with a better understanding of the context of their own individual work.

Who Should Attend?

This course will benefit:

- ✓ Instrumentation Engineer
- ✓ Control System Engineer
- ✓ Design Engineer
- ✓ Implementation Engineer
- ✓ Technologist
- ✓ Process Control Engineer
- ✓ Automation Engineer
- ✓ Supervisors

Organized by: _____

