



### ***Other Courses***

Production Process  
Electrical Training  
Mechanical Training  
Planning & Control  
Driver Training  
Health & Safety  
Computer Skills Training  
English Language Course



Cert No. 6157

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## **Instrumentation Training Course**

**INS-05-PIM**

### **Course Title**

Process Instrumentation Measurement & Control

### **Course Duration**

2 Weeks

### **Pre-Requisite**

Designed for personnel with a process or engineering background or instrument personnel requiring an update of skills

### **Course Content**

- Understand the need to measure and control pressure, level, flow and temperature in the process industry to include all safety issues
- Understand the use of plant process & instrument diagrams to assist the fault location process
- Carry out all calibrations as applied to pressure, level, flow and temperature instrumentation using the correct test equipment 'on' and 'off' plant
- Understand the transmission of process measurement signals
- Understand control valve selection, operation and overhaul to meet plant operation and safety requirements
- Understand and demonstrate the use of automatic control in relation to 2 step through to 3 term control
- Understand the principles of DCS systems including configuration of a measurement & control loop.

### **Certification**

Certification by Training Provider

### **Minimum Delegates Per Course**

4

### **Course Commencing**

Available on request

### **Provider**

External Training Provider