

PROCESS PIPING INSPECTION MASTERCLASS

DELEGATES ARE
REQUIRED TO BRING
THEIR OWN LAPTOP
FOR RESEARCH,
DISCUSSION AND
PRESENTATION
PURPOSES

**Upgrade your Knowledge and Skills of Design,
Fabrication and Inspections of Process Piping**

5th – 6th October 2017
Kuala Lumpur, Malaysia

WILCO KUSTER is an Authorized
Inspector for ASME, Dosh, MOM,
Indian Boiler Regulations, PED, and
In-Service Inspections under the
Dutch Legislation

Major Benefits Of Attending

After the workshop, participants should be able to:

- Gain a practical knowledge of:
 - Pipe and fitting materials specifications
 - Manufacturing
 - Fabrication process and their influence
 - Mechanical properties of strength and toughness
 - Material selection and failure analysis
- Understand the technical background to the design equations, and their application to the design of piping systems and pipelines
- Gain a practical understanding of piping and pipeline mode of failure, corrosion mechanisms, how to recognize them, classify them and resolve them
- Introduced to the NDE techniques and research in piping and pipeline integrity to analyse a degraded condition due to either corrosion or mechanical damage
- Understand Welding Procedure Specifications against a Procedure Qualifications Record
- Prepare and/or approve a Test and Inspection plan according code requirements
- Identify various weld imperfections (defects)
- Understand:
 - The relevant welding technology related to visual inspection
 - The need for documentation in welding
 - Be aware of codes and standards to inspection requirements
 - Carry out inspection of parent materials and consumables

Why you Should Attend?

In this two day hands on interactive workshop, you will work through all aspects from design to use of the piping. After these days you can handle with several codes and standards, so any discussion become easier.

It's a big opportunity to upgrade your knowledge and skills of design, fabrication and inspection of process piping. Find out how an experienced inspector looks at all aspects of design and inspection.

Who Should Attend?

This course is applicable to all personnel working in the oil, gas and petrochemical industry, and who involved in the design, procurement, engineering construction, operation, maintenance and inspection of in-service piping systems and related facilities. They include:

- ✓ Engineers
- ✓ Supervisors
- ✓ Inspectors
- ✓ Maintenance Officers
- ✓ Managers
- ✓ All interacting personnel with inspectors

From cross industries especially:

- ✓ Oil & Gas
- ✓ Manufacturing
- ✓ Petrochemical
- ✓ Power Generation and Power Stations
- ✓ Offshore Fabrication
- ✓ Railways
- ✓ Service and Maintenance
- ✓ Metal Fabrication

Organized by: _____



WE SOLVE YOUR PUZZLE