



Pneumatic Testing – Safety Awareness for field personnel

Course Outline:

The aim of this course is to provide participants with an understanding of the key aspects of Pneumatic Testing, particularly as applied to Polyethylene Pipes; including calculations, risk management, selecting appropriate instrumentation and equipment and documentation requirements.

Attendees will receive a comprehensive overview of factors involved in pneumatic testing of pipelines

The course is designed to be interactive and significant audience participation is encouraged.

Intended audience:

Pipeline Construction Personnel working in the oil and gas industry, particularly currently working with Polyethylene Pipes in the CSG industry. This course is aimed at people working in the field and is less suitable for people working in managerial positions.

Learning Outcomes:

Pressure Testing

- Understand the importance of pressure testing
- Understand the differences between hydro testing and pneumatic testing

Pneumatic Testing

- Be able to list the applicable standards and codes
- Understand the basic theory and maths relating to pneumatic testing
- Have an understanding of the specifications and properties of material used in pneumatic testing
- Be very aware of important safety principals
- Be aware of the design documentation requirements
- Select appropriate instrumentation and equipment
- Be able to record results of testing
- Be able to document testing results



Trainer:

Lyndonn Harnell

Trainer Profile:

Lynndon has 34 years of experience in engineering most of which has been in the oil and gas pipeline field, with a particular emphasis in pressure testing. This includes being a NATA signatory for 4 different NATA-endorsed laboratories and a member of the ME38.5 sub-committee for hydrostatic testing, in addition to development of systems and performance of pneumatic testing of PE pipelines. Lynndon works as a subcontractor for ALNG as Design Manager and is a partner in Hydrostatic Testing Services Pty Ltd, a NATA endorsed testing laboratory.

Number of participants:

maximum 14 (in public schedule)

Duration:

1 day

More info:

check www.piped.com.au for delivery dates on the public schedule in several capital cities or to register online

Enquiries:

contact course coordinator Ivonne Kuypers at

Ivonne.kuypers@piped.com.au

Phone: 07-33774131

Cost:

\$890 (excl GST) per person on public schedule, please contact course coordinator if you want a quote on in-house course delivery



• www.PIPEd.com.au

Brisbane

Melbourne

Adelaide

Perth

Sydney