



Basic Understanding of Cathodic Protection

Course Outline:

The aim of this course is to provide participants with a basic understanding of Cathodic Protection. The course will start with looking at corrosion, followed by an explanation of the workings of cathodic protection, an overview of different types of cp systems, coatings, testing, stray currents and above ground pipework and insulation

Learning Outcomes:

At completion of this session the attendee will be able to:

- Give a definition of corrosion
- Draw a simple model of a Cathodic Protection cell and name the different elements
- Name 2 types of Cathodic Protection Systems
- Explain the relationship between Coatings and Cathodic protection
- Name and describe 2 different testing methods used to test Cathodic Protection
- Understand terminology commonly used when discussing Cathodic Protection

Intended audience:

Owners and operators of pipelines in the oil and gas industry



Course Content/Session Titles:

- 1 – *What is Corrosion?*
- 2 – *What is Cathodic protection?*
- 3 – *Types of CP Systems*
- 4 – *Coatings*
- 5 – *Testing*
- 6 – *Stray Currents*
- 7 – *Above ground Pipework & Insulation*

Number of participants:

maximum 12 (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

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Cost:

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



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