

Advanced Cathodic Protection For Engineers

Fundamentals, Design, Application Of
Corrosion and Cathodic Protection

4th & 5th September 2017
Kuala Lumpur, Malaysia

Delegates are
required to bring
their Laptop for
Exercise and
Presentation
Purposes

Major Benefits of Attending

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

- **LEARN** the theory behind corrosion mechanisms like why, where and when the corrosion happens
- **DISCOVER** how to avoid corrosion
- **UNDERSTAND** cathodic protection, its components, uses and designs
- **EXPLORE** the calculations and measurements of different CP systems
- **BUILD** a computer model of corrosion and cathodic protection
- **DISCUSS** AC Mitigation, interference of power lines on underground pipelines
- **GAIN** a thorough understanding on marine defense applications
- **BENEFITS** from a range of workshop exercises, discussions and real case studies

Why You Should Attend?

This 2-day course is the most practical and extensive where an engineer shouldn't missed out.

As a participant for this course, you will not only learn the fundamentals of corrosion but also how dealing with corrosion and using best practices, whichever the field of application, can reduce maintenance, accidents and long term cost in your industry.

Everyone who attends this course will come away in a strong knowledge of cathodic protection and will be able to build a computer model of cathodic protection to best fit their organization.

Who Should Attend?

This course has been specifically designed for:

- ✓ Cathodic Protection Engineers
- ✓ Maintenance Engineers
- ✓ Corrosion Engineers
- ✓ System Engineers
- ✓ Component Engineers
- ✓ Field OPERATORS
- ✓ Inspectors
- ✓ Electrical Engineers
- ✓ Asset Managers
- ✓ Senior Level Corrosion Technicians
- ✓ Risk Managers
- ✓ Equipment Specialists
- ✓ Metallurgists
- ✓ Stealth (Navy) Engineer

Free takeaways

Delegates will be given soft-copies of the following:

Papers

- Corrosion protection of a pipeline section inside an HDD coastal landfall
- Optimising the location of anodes in cathodic protection systems to smooth potential distribution
- Computer simulation of the interference between a ship and docks cathodic protection systems
- Predicting the coating condition on ships using ICCP system data

Others

- Tables with rules for calculation of sacrificial anodes
- Sacrificial Anodes types
- Impressed Anodes types

Organized by: _____



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