

DEEPWATER

OFFSHORE CATHODIC PROTECTION COMPREHENSIVE TRAINING COURSE

Deepwater offers a weeklong course providing a detailed look at offshore corrosion and the methods used to control it.

The Deepwater offshore corrosion control course gets your engineers, inspectors and technicians way ahead in their understanding and application of offshore corrosion control techniques. The course provides a comprehensive overview of offshore cathodic protection including galvanic anode systems, impressed current systems (ICCP) and coatings (sacrificial, dielectric) for a variety of structures (platforms, pipelines, subsea equipment, docks, piers, jetties, ships, semisubmersibles, spars, jack-up rigs), or basically anything that spends time in the ocean.

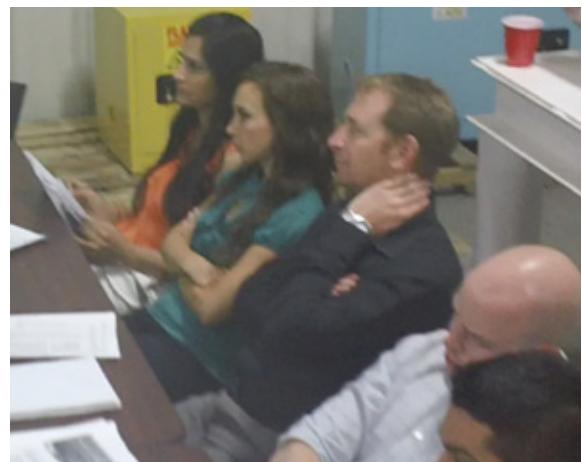
We teach you how to recognize corrosion, how it works on a microscopic and macroscopic level, what the different kinds of corrosion look like and the specific risks that each type poses for various equipment. You will learn how to interpret and design to standards such as DNV, ISO and NACE. Fixed monitoring, periodic inspection and comprehensive survey are also addressed, with in-tank, hands-on demonstrations of various cathodic protection probes such as the drop cell (DC-II), diver-held CP probe (CP-Gun) and ROV-operated CP probes (ROV-II, EFG, Deep C Meter 3000AD). Finally, we'll tread outside of the industry's comfort zone to address retrofit designs and techniques. Since there are NO accepted standards for offshore CP retrofit, this is a point of great illumination for many of our customers. Great value can be safely realized when designing a retrofit system outside typical CP standards, which are inherently conservative, lack concrete data from the structure's lifetime and are intended to last the lifetime of the platform instead of a specific life extension with specific knowledge about the performance of previous systems.

The course is filled with case studies, in-class calculations and opportunities to ask questions. Deepwater developed this curriculum in 2013 due to the lack of such a valuable course on the market, and puts our 29-year history of offshore cathodic protection, inspection and retrofit behind it. You will not be disappointed.



TRANSPORTABLE

The course can be presented at your facilities anywhere in the world.



A GREAT RESOURCE

Deepwater's course is invaluable for asset integrity managers and technicians.

CREVICE CORROSION



Topside crevice with the destruction in the water trap corrosion process will deteriorate the metal to the electric

Most crevice corrosion equipment occurs when equipment is brine surface and not washed down.

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LEARN FROM EXPERTS

The course is presented by Deepwater's corrosion engineers and scientists.

Deepwater Corrosion Services Inc.

USA: +1 (713) 983 7117 | UK: +44 (0) 1483 600482 | sales@stoprust.com

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