

Produced Water Management for Onshore and Offshore Assets

COURSE OVERVIEW

This course covers the whole process of inclusion, analysis, treating, reusing, or safely disposing of produced water. It also looks at new technologies and methods, as well as focuses on both the technical details and the environmental impact. It helps participants learn about the problems and rules involved in handling produced water in the oil and gas industry. Participants will get practical ideas on how to manage produced water in a way that is efficient, safe, and follows regulations.

WHO SHOULD ATTEND?

The course is designed for oil and gas professionals involved in production, operations, process engineering, HSE, and water management. It is equally beneficial for facility engineers, project managers, environmental specialists, regulators, and service providers who work on onshore and offshore assets. Early-career engineers seeking to build foundational knowledge, as well as experienced professionals aiming to update their skills with the latest technologies and best practices, will find this program highly valuable.

COURSE OUTCOMES

Delegates will gain the skills and knowledge to:

- Gain a thorough understanding of produced water composition and challenges in onshore and offshore contexts.
- Learn treatment technologies, design considerations, and selection criteria for different operational environments.
- Understand regulatory requirements, discharge standards, and compliance frameworks.
- Develop strategies for water reuse, reinjection, and environmentally responsible disposal.
- Enhance decision-making skills for optimizing cost, efficiency, and sustainability in water management.

KEY COURSE HIGHLIGHTS

At the end of the course, you will understand;

- Comprehensive coverage of produced water management lifecycle.
- Case studies from global onshore and offshore projects.
- Focus on both conventional and emerging treatment technologies.
- Practical insights into regulatory and environmental compliance.
- Tools and strategies for integrating water management into asset lifecycle planning.

All our courses are dual-certificate courses. At the end of the training, the delegates will receive two certificates.

1. A GTC end-of-course certificate
2. Continuing Professional Development (CPD) Certificate of completion with earned credits awarded