



Consulting and Training | Reach New Heights

Course Name

Production Chemistry & Chemical Treatment in the Oil & Gas Fields

Sector Name

Oil, Gas and Chemical

Document Type

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Production Chemistry & Chemical Treatment in the Oil & Gas Fields

Course Introduction

This course bridges the gap between process technology and production chemistry. It includes aspects common to operational issues such as organic precipitates (asphaltenes and waxes), water treatment and quality for re-injection, causes of non-effective treatment plants, interpretation of water analyses, rules of SRB's in oil and gas production, scale formation (including NORM scale), stimulation concepts, chemicals in gas production, occurrence of Halite scale in gas production and storage.

The course focuses on practical onsite experience. Case histories and practical examples will be discussed.

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Production Chemistry & Chemical Treatment in the Oil & Gas Fields

Target Audience

Production Chemistry & Chemical Treatment in the Oil & Gas Fields.

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Production Chemistry & Chemical Treatment in the Oil & Gas Fields

Learning Objectives

- ✓ Production Chemists and Chemical Engineers
- ✓ Reservoir Engineers and Production Engineers
- ✓ Field Operations Technicians and Supervisors
- ✓ Oilfield Service Providers specializing in chemical treatment
- ✓ Environmental Health and Safety (EHS) Specialists in the Oil & Gas Industry
- ✓ Regulatory Compliance Officers and Inspectors
- ✓ Researchers and Academics in Chemical Engineering and Petroleum Chemistry

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Production Chemistry & Chemical Treatment in the Oil & Gas Fields

Course Outline

✓ 01 Day One

Organic precipitates in oil production

- ✓ Inhibitor screening and application
- ✓ Water quality and impact on re-injection systems
- ✓ Main causes of ineffective treatment plants

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Production Chemistry & Chemical Treatment in the Oil & Gas Fields

Course Outline

✓ 02 Day Two

Impact of retention time on separation processes

- ✓ SRB's in oil and gas production
- ✓ Microbial activity and corrosion

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Production Chemistry & Chemical Treatment in the Oil & Gas Fields

Course Outline

✓ 03 Day Three

Concepts of avoiding anaerobic SRB activity

- ✓ Rules of sulfate and carbonate scale formation

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Course Outline

✓ **04 Day Four**

Overview of scale calculating programs

- ✓ Changing of water composition during gas production

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Course Outline

✓ 05 Day Five

Formation of Halite scale in gas production and storage

- ✓ Troubleshooting in treatment plants

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Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
June 8, 2026	June 12, 2026	5 days	4950.00 \$	England , London
Sept. 13, 2026	Sept. 17, 2026	5 days	4250.00 \$	Oman , Muscat
Nov. 16, 2026	Nov. 20, 2026	5 days	4250.00 \$	UAE , Dubai
March 15, 2027	March 19, 2027	5 days	4250.00 \$	UAE , Abu Dhabi

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