


Production Chemistry Training



As we step into the New Year, we at Production Chemistry Training Ltd. want to take a moment to express our heartfelt gratitude to all our clients, partners, and contacts for their incredible support throughout 2024.

Your trust and collaboration have been instrumental in making the past year a success, and we are truly thankful for the opportunity to work with such dedicated and inspiring individuals and organisations.

Looking ahead, 2025 promises to be an exciting year! We're thrilled to announce that we have some innovative new developments and courses in the pipeline, tailored to continue supporting the growth and success of professionals in the oil, gas, and energy industries.

Here we take a look at the highlights of 2024 and offer a "sneak peek" at some of what PCT has planned for this year!

Follow PCT on LinkedIn for updates on how these new offerings can help you and your teams thrive in this ever-evolving Energy Sector.

Here's to a year filled with growth, learning, and success—together!

Warm regards,
The Production Chemistry Training Ltd. Team

2024 HIGHLIGHTS

PWM²⁰²⁴
PRODUCED WATER MANAGEMENT

 **Engineering
Chemistry**
FOR THE ENERGY TRANSITION

2025 COURSES

NEW COURSE DEVELOPMENTS



2024 HIGHLIGHTS

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- **Around 260 participants across courses and events to date**
- **First combination theory and practical course run in collaboration with Kernow Analytical Technology (KAT-LAB) at their laboratory facility in Cornwall**
- **Delivered a bespoke Production Chemistry course for a new ME client for several of their offshore chemists**
- **Held the 2nd “Engineering Chemistry for the Energy Transition Symposium (ECET2024)**
- **Held the Inaugural Produced Water Management Workshop**
- **Set up a new collaboration with Peak Global Consultancy to offer combination courses on production chemistry and process engineering**

To discuss how PCT can support your personal or company training goals in 2025, contact either:

Stephen Heath - stephen.heath@prodchemtraining.com

Susan Caddell - susan.caddell@prodchemtraining.com

2024 HIGHLIGHTS 3

»»» INAUGURAL PRODUCED WATER MANAGEMENT WORKSHOP



The first "Produced Water Management" (PWM) Workshop, organised by Production Chemistry Training Ltd., focused on the challenges and solutions associated with managing produced water in the oil, gas, and energy industries.

The workshop covered a range of topics, including:

Regulatory Frameworks: Understanding the latest regulations and compliance requirements related to produced water management.

Treatment Technologies: Exploring advanced treatment methods to effectively handle produced water.

Environmental Impact: Assessing the environmental considerations and best practices for minimizing the ecological footprint of produced water disposal.

Case Studies: Reviewing real-world examples to understand challenges and successful strategies in produced water management.

**THE PROGRAMME DELIVERED AT THIS EVENT CAN BE FOUND HERE:
WWW.PCTEVENTS-PWM.CO.UK**

PWM2025 DATE & VENUES TO BE ANNOUNCED SOON



ECET2024 Symposium featured a series of presentations focusing on the pivotal role of chemistry in advancing the energy transition. The key topics included:

Carbon Capture, Utilisation, and Storage (CCUS): Discussions encompassed engineering tools and challenges, injection and storage, production chemistry challenges such as scale, corrosion, hydrates, and bacteria.

Geothermal Energy: Presentations covered engineering challenges, converting existing oil and gas wells to geothermal, harvesting heavy metals from geothermal brines, and production chemistry challenges.

Hydrogen: Topics included engineering challenges, integrity issues, and underground storage, including interactions with bacteria and other chemical reactions.

Waste Management: Exploration of chemistry and engineering challenges in waste management within the energy sector.

Reducing Emissions and CO₂ Footprint: Strategies discussed included sustainable chemistry, sustainability monitoring, chemical enhanced oil recovery (EOR), and digitalisation of chemical treatments to reduce carbon intensity and environmental impact.

These topics highlighted the integral role of chemistry in developing sustainable solutions and pioneering advancements in the energy transition.

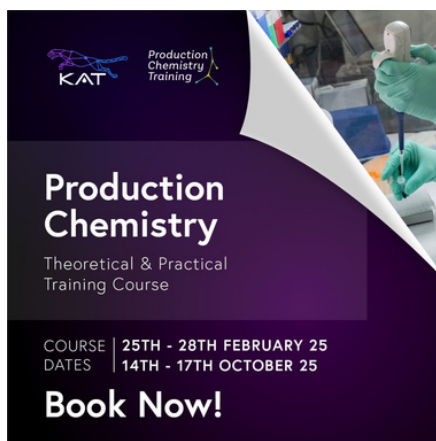
THE PROGRAMME DELIVERED AT THIS EVENT CAN BE FOUND HERE:
WWW.PCTEVENTS-ECET.COM

ECET2025 DATE & VENUES TO BE ANNOUNCED SOON

OUR COURSES - 2025

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>>> PRODUCTION CHEMISTRY - THEORY & PRACTICE



Embark on a comprehensive journey through key production chemistry domains, including asphaltenes, hydrates, waxes, scale, foams, and emulsions.

Led by industry experts, **Stephen Heath** and **Dr Neil Chilcott**, this course blends theoretical insights with hands-on experience, equipping you with practical skills to tackle real-world challenges.

Some Key Learning Highlights:

- Scale Management
- Asphaltenes
- Hydrates
- Waxes and Deposition
- Rheology
- Foaming and Emulsions

Why Attend?

- Learn from industry-leading experts at PCT and KAT-LAB
- Participate in practical lab sessions using state-of-the-art equipment
- Receive a Certificate of Completion upon course conclusion

Included Benefits:

- Transportation to and from the training venue to the local hotel.
- Lunch, teas and coffee provided during the course. (Special dietary requirements can be accommodated)

Spaces are LIMITED for this exclusive opportunity!

TO BOOK, EMAIL SUSAN.CADDELL@PRODCHEMTRAINING.COM

NEW COURSE DEVELOPMENTS 7



COMING SOON: NEXT GENERATION DIGITAL TRAINING PLATFORM



We're thrilled to announce an exciting new development at Production Chemistry Training Ltd.

In collaboration with Chorus Training Aberdeen, we're transforming our 8 modules which are normally delivered as 2-hour, trainer led, modules into 30-minute self-study e-learning modules! Designed with convenience and flexibility in mind—download them and learn at your own pace, whenever and wherever it suits you.

Here's what you can expect:

- **Comprehensive Content: Same industry-leading insights, condensed into digestible, time-efficient sessions.**
- **Assessment & Certification: Each module includes an exam, and successful completion earns you a certificate to showcase your achievement.**
- **First Module Launch: Oilfield Corrosion Control and Management – a critical topic for anyone in the energy industry—will be the first module available.**

This innovative offering will enable professionals at all levels to enhance their skills, expand their knowledge, and grow their careers on their own schedules.

Stay tuned for more updates and the official launch date!