

*Production
Chemistry
Training*



Enhancing Industry Expertise and Knowledge

Comprehensive Production Chemistry Courses
and Consultancy Solutions for the Energy Industries



Capabilities

- In-person/virtual chemistry courses for the energy industry
- Knowledge sharing events:
 - ❖ Engineering Chemistry for the Energy Transition (ECET)
 - ❖ Produced Water Management (PWM) Workshop

Production Chemistry Training



Subjects covered

- Introduction to Production Chemistry and Chemicals
- Chemical Management
- Chemical Deployment Systems
- Sampling and Analysis
- Laboratory Performance Tests including Sub-Sea and Deepwater Qualification
- Green Chemistries
- Produced Water Treatment and Protection
- Flow Assurance – wax, asphaltenes, hydrates and foams
- Integrity Management – scale, corrosion, H₂S, microbial induced corrosion (MIC)
- Fluids Separation



Production Chemistry for Net Zero

- Enhanced Oil Recovery – Polymers and CO₂ Injection
 - ❖ oxygen, scale, corrosion, polymer gunk, flow improvement, bacteria and phase separation
- Carbon Capture Utilisation and Storage (CCUS)
 - ❖ scale, corrosion, hydrates, bacteria, flow improvement, rock integrity including cements and gas detection (leaks)
- Geothermal
 - ❖ scale, corrosion, bacteria

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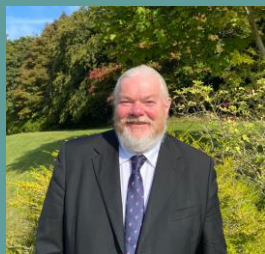


Who should attend?

- Operations/Production Technicians
- Chemists/Laboratory Technicians
- BD, Sales or Account Managers
- Environmental Specialists
- Procurement Specialists
- Field Service Engineers
- Process Engineers
- Reservoir and Production Engineers
- Production Technologists



Collaborative partners



Stephen Heath
**Creative Chemical
Solutions Ltd**



Dr Neil Chilcott
**Kernow Analytical
Technologies Ltd**



Dr John Hargreaves
**PEAK Global
Consultancy Ltd**



Dr Eugenia Marinou
Nitika Ltd



Professor Eric Mackay
Heriot-Watt University



Dr Khosro Jarrahan
Heriot-Watt University



Noel Brissard
**Brissard
Consulting Inc.**



Dr Nik Robinson
Nikam Ltd

Subject Matter Experts with over 200 years combined industry experience!

Production
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Collaborations



Production
Chemistry
Training

KAT

Production Chemistry

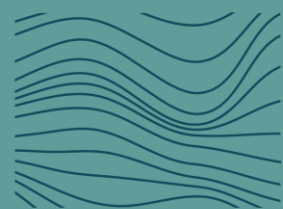
Theoretical & Practical
Training Course

COURSE | 25TH - 28TH FEBRUARY 25
DATES | 14TH - 17TH OCTOBER 25

Production
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Scale Defend – New Holistic Approach



Creative
Chemical
Solutions

Scale Prediction, trouble shooting, project and scale management strategies

KAT



Laboratory testing, project management, offshore equipment, R&D

Production
Chemistry
Training



Mentoring and Training

Production Chemistry Training



To date...

- Delivered courses in-person and virtually across 4 continents
- Delivered bespoke courses to service companies and operators
- Held
 - ❖ ECET Symposium
 - ❖ PWM Workshop

PWW²⁰₂₄ Ardoe House Hotel, Aberdeen
11th September 2024
PRODUCED WATER MANAGEMENT
Workshop
**Best Practices for Optimum Production
& Reduced Environmental Impact**

Looking for solutions to optimise your **Produced Water Management Strategy**?
Interested to engage in **knowledge-sharing** and collaborative discussions with industry peers?

Join us for the inaugural workshop tailored to address the challenges surrounding **Produced Water Management** within your assets!

Workshop themes

- Engineering and Chemistry Solutions
- Research and Technology Innovations
- Advanced Cleaning Technologies
- Solids, Bacteria, H₂S and Corrosion Management
- Reducing Water Production (Mechanical and Chemical Methods)
- Monitoring Produced Water - Separation Efficiency, Oil-in-Water dispersed and dissolved Hydrocarbons, Radioactivity, Toxicity, Bacteria and Chemical Residuals.
- Environmental Risks and Regulatory Updates
- Case Studies

PCT invite you to share your knowledge with industry peers and to submit a presentation abstract for PWW2024.
Please contact Stephen Heath (stephen.heath@prodchemtraining.com).

ECET2024 Ardoe House Hotel, Aberdeen
10th September 2024

Symposium & Exhibition

**Sustainable Solutions to Pioneer the
Energy Transition & Reduce Carbon Intensity**

ECET will bring together **energy industry professionals** to share experiences, highlight examples of best practice, and **explore innovative chemistries and technologies** that are helping accelerate the move towards **Net Zero**.

Created by training and consultancy specialist Production Chemistry Training (PCT), ECET2024 will engage and inform industry by providing a forum for operators, service companies, academics and other stakeholders to explore chemical and technical challenges and opportunities facing the energy sectors.

Why Attend?

- Gain invaluable insights into the latest advancements in chemistry and technologies
- Network with industry professionals and exchange best practices
- Hear from subject matter experts
- Engage in discussions surrounding the technical challenges
- Be inspired by success stories and innovative approaches
- Explore potential collaborations and partnerships

PCT invite you to share your knowledge with industry peers and to submit a presentation abstract for ECET2024
Please contact Stephen Heath (stephen.heath@prodchemtraining.com).



New – E-Learning Modules

Welcome



Lesson 1 of 18

Oilfield Corrosion Control & Ma...

Technical Director of Production Chemistry Training Ltd



Thank you!
Stand 19

www.productionchemistrytraining.com