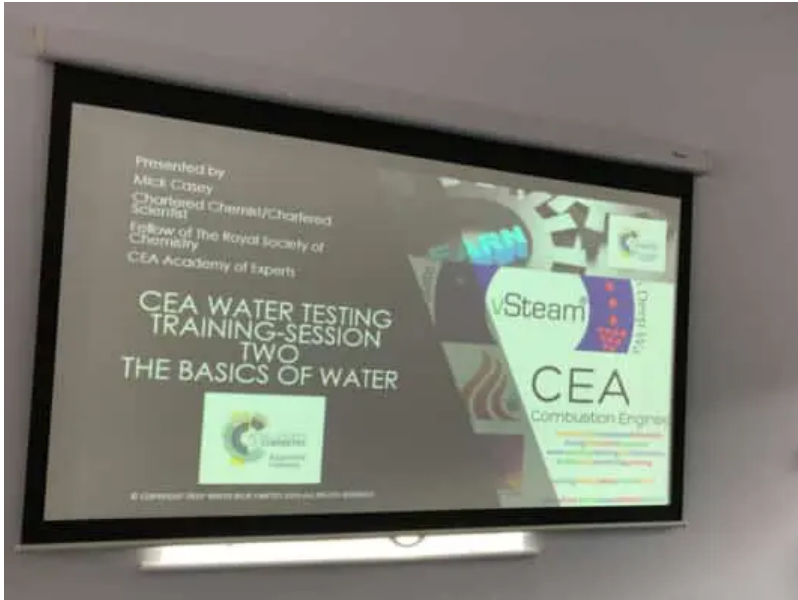


Raising Boiler Safety and Performance with CEA-Endorsed Training

2 months ago



Accredited by the [Royal Society of Chemistry](#) and endorsed by the Combustion Engineering Association, [Deep Water Blue](#)'s intensive two-day Steam Boiler Water Treatment Training course is designed for boiler operators, engineers and managers, with the content translating BG04 Boiler Water Treatment Guidance and HSE INDG436 requirements into clear, usable actions in the boiler house.

Drawing on more than 20 years of specialist experience in boiler water treatment and steam systems, Deep Water Blue combines rigorous technical content with highly practical sessions and a one-hour examination, all helping operators on their path to competence. Successful candidates receive a CEA-branded ID card and certificate that remain valid for five years, giving employers tangible evidence of training and due diligence.

The two-day course tackles the core causes of boiler water treatment failures and unplanned downtime by focusing on real plant conditions, testing routines and corrective actions that align with BG04 and industry best practice. Delegates learn how to recognise developing problems, interpret test results and challenge external contractors where necessary, protecting both assets and energy budgets.

Deep Water Blue delivers the training at dedicated centres, customer sites and online, providing flexible access for NHS trusts, universities, manufacturing plants and other critical facilities. Recent programmes have seen over 70 personnel complete CEA steam boiler water training through Deep Water Blue, supported by interactive classroom and virtual formats.

Having completed a BG04 training course delivered by Deep Water Blue on behalf of the CEA, one NHS Estates Manager commented: "The course covered a lot of information, delivered in concise chunks that

were easy to absorb. The structure was clear, logical and effective, and it gave me the confidence to implement new testing techniques and to understand the importance of water treatment as an engineer and not as a chemist.”. Another participant from EDF Energy added: “Very good, very informative. Gave us everything we could want. We learnt a lot.”.

The Combustion Engineering Association has reported that the vast majority of boiler incidents stem from poor management of boiler water treatment, which makes focused, accredited training essential for duty holders. Deep Water Blue’s course was developed in partnership with the CEA to address this gap and is delivered in plain English so that operators and managers can apply what they learn immediately on site.

Deep Water Blue also supports organisations with pre-course introductory training, on-demand video learning and follow-up site visits, reinforcing skills and embedding robust boiler water management over time. This continuous approach helps clients achieve safe, efficient and compliant boiler operation while extending plant life and reducing the total cost of ownership.

Deep Water Blue has confirmed dates throughout 2026 for its two-day Steam Boiler Water Treatment courses, with all taking place at the company’s Training & Technical Centre in Stevenage. Further information can be found at <https://bit.ly/49ZWm3n>.