

WATCH WATER UAE | TECHNICAL OVERVIEW

OXYLOCK

OXYLOCK (R) is positioned for dissolved-oxygen elimination in oxygen-sensitive water systems. It is evaluated as part of a complete corrosion-control strategy that includes make-up water, temperature, metallurgy, leakage, deaeration and the operating chemistry of the circuit.

TREATMENT FOCUS

- 01 Dissolved oxygen
- 02 Oxygen-related corrosion risk
- 03 Boiler make-up treatment
- 04 Closed-loop protection
- 05 Thermal process water
- 06 Oxygen-sensitive industrial duties

TECHNICAL WORKFLOW

- 01 Characterise: Identify target species, concentration, pH, competing ions, organics and suspended matter.
- 02 Contact: Water is distributed through the media bed at a velocity that provides the required empty-bed contact time.
- 03 Capture: Contaminants bind to, react with or are transformed at the active media surface.
- 04 Control: Performance is monitored until the selected breakthrough criterion triggers media replacement or regeneration where applicable.