

Professional Training for Industrial Cooling & Process Water Systems

Build Expertise. Boost Performance. Protect Your Systems.

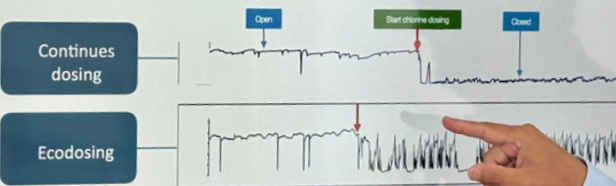
What is H2O Academy?

H2O Academy is the professional training program, focused on improving operational knowledge of cooling and process water treatment systems. The program combines decades of hands-on experience with industry best practices, helping clients optimise system performance, reduce risks, and stay compliant.

3: Ecodosing: Working principle

Reaction pattern biofouling organisms:

- 1 Close-up when chlorine is dosed, switch aerobic to anaerobic metabolism
- 2 When dosing is stopped, slow opening of species
- 3 Ecodosing forces the species to become highly active which exhaust them



Who We Are

Backed by 30+ years of experience in water treatment and biofouling control. Global track record across multiple industrial sectors.

Keeping Cooling Water Systems operational and avoid issues Isn't Easy.

Biofouling, Legionella, scaling, and corrosion -these aren't just technical terms, they are real issues affecting system performance, safety, and operating costs every day. But here's the bigger issue:

- ✗ Many operators don't get the practical training they need to prevent these risks.
- ✗ There's often a knowledge gap between system design and day-to-day operations.
- ✗ Treatment programmes are applied - but not always understood.



Which topics can be covered

- Cooling water systems
- Seawater intake design, considerations to reduce risk for biofouling
- Biofouling, types and life cycle
- Biofouling risks and impact
- Biofouling control options
- Chlorine chemistry
- Intake screening and filters
- Electrochlorination, design and operation
- Environmental impact and discharge regulations
- Fish and jellyfish ingress, impact and solutions
- Corrosion
- Boiler water treatment
- Demin water



Harry Polman

*Managing Director,
H2O Biofouling Solutions*



Let's Train Your Team

To schedule your training session or request a custom proposal, contact us.