



AQUACARE
Water Hygiene

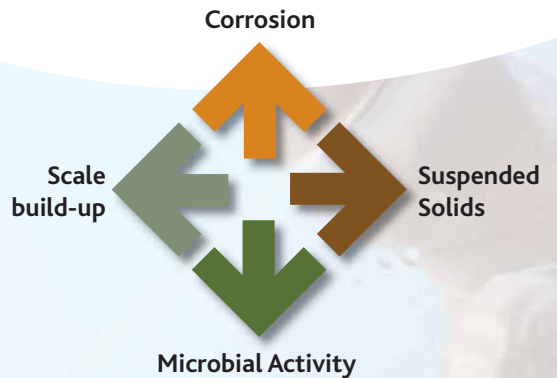
Water Conditioning Strategies

Choosing the right water conditioning strategy requires careful consideration

Regardless of your specific application - boiler feed, renal dialysis or a simple wholesome supply - the quality of water required is as varied as the sources available. And high profile problems such as Legionella bring water quality into sharp focus.

However, microbial activity is just one of four equally important interacting areas, the others are corrosion, scale and suspended solids. The presence of one may indicate the system is suffering from all four so there is no point concentrating on one to the exclusion of the others. To ensure ongoing compliance with relevant legislation, the key is to take a total solution approach to both assessment and action.

In today's competitive business environment, ensuring your water quality meets legislative standards as well as your process needs requires establishing an effective ongoing service regime that tackles all four factors. Various treatment strategies are available. Each is different, making it essential to consider all options to maximise plant life and efficiency. The key to total control is AquaCare.



Water quality, and the problems that arise from its use, is determined by the impurities it contains:

- **Corrosion**, a sign of electrochemical activity, forms products that lead to scale deposition. Control with chemical additives – or install new plant using non-corrosive materials.
- **Scale** from corrosion and salts deposits leads to suspended solids that provide nutrients for microorganisms. Pre-treatment plant removes scale-forming salts, while threshold agents and dispersants extend solubility of individual salts.
- **Suspended solids** lead to biofouling, creating acidic metabolic waste products that speed corrosion. Polymer flocculants or coagulant additives, inline or side-stream filtration, can provide control.
- **Microbiologically** active sites precipitate solids, creating scale that provides further growth sites for microorganisms. Regular biocide use reduces fouling while UV treatment or pasteurisation offer alternatives.



Don't trust your water quality to luck. Trust AquaCare Water Hygiene to take care of it all.

Water Hygiene

Heating

Insurance

Bathrooms

Drains

Plumbing

Developers



AquaCare Water Hygiene Services provides a complete water hygiene and treatment service, helping organisations meet the requirements of Health and Safety at Work, Approved Code of Practice (ACoP) L8 and the Water Supply (Water Fittings) Regulations. Our customers enjoy peace of mind knowing their reputation - and the health and safety of their clients and customers - is in safe, professional hands.



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WATER