



The Australian drinking water guidelines demand a higher level of risk management of our water supplies to protect our communities and environment. The multiple barrier approach is now universally recognised as the foundation for ensuring safe drinking water.

Aquatec Maxcon can provide advanced water technologies to assist in this approach.

Ozonetech ozone/BAC systems

Ozone or Biologically Activated Carbon (BAC) filtration systems are applied for disinfection or oxidation of specific contaminants including colour, taste and odour removal. BAC filtration is the process of utilising naturally occurring biology to remove organics from drinking water via bio-assimilation. Ozone stimulates the breakdown of stable organics into a food source that the biology can remove through assimilation.

Trojan UV-Oxidation systems

Trojan UV-Oxidation systems are simple and effective for taste, odour and algal toxin treatment with simultaneous disinfection. In a variety of water treatment applications, UV in combination with hydrogen peroxide (H₂O₂), or UV-oxidation, is an extremely cost effective technology for the treatment of taste and odour problems. Advantages of UV-oxidation include its simplicity, its small footprint and the fact that it does not form a disinfection by-product. The TrojanUVPhox can also be applied to recycled water or stormwater to remove NDMA, dioxanes and atrazines that are present in wastewater.