



# Zeta Rod systems®

## electronic deposit & corrosion control for water systems



December 2009

Zeta Rod Systems receive IAPMO/UPC GREEN Listing

July 2009:

U.S. Army Corps of Engineers Research Lab Publishes results of Zeta Rod systems study for water conservation and chemical elimination in evaporative cooling systems

April 2008

Zeta Corporation migrates classic industrial website onto new platform

August 2007

Zeta Corporation joins the American Membrane Technology Association

Tomar, Portugal

June 25, 2007:

Rodrigo Romo, Zeta VP of Engineering, presents case study findings to the Engineering Foundation Annual meeting on fouling mitigation

For over a decade, patented Zeta Rod systems have successfully improved water and energy conservation, optimized performance of industrial fluids, reduced chemical usage and eliminated scale and biological fouling in water systems.

Originally developed for process protection in mining, pulp and paper, and beverage bottling, the Zeta Rod's use as an important green technology was expanded to reduce or eliminate chemical usage in heavy air conditioning and to protect drinking water systems for airports and municipalities.

Water conservation and biological control for agriculture and food production qualify the Zeta Rod as an effective tool in food safety and productivity.

Zeta Rod patented capacitor-based technology electronically disperses bacteria and mineral colloids in aqueous systems, eliminating biofouling and preventing scale and corrosion without the use of additive chemicals.

Colloids in water systems become components of the capacitor and receive a strong boost to their natural surface charge, altering double-layer conditions that govern particle interactions.

Bacteria are unable to attach, absorb nutrition, or replicate into colonies. Existing biofilm hydrates excessively, loses bonding strength and disperses. Biofilm, biocorrosion, and scale formation are arrested.

Zeta Rod systems are currently at work protecting industrial cooling, reverse osmosis membranes, flocculation processes, glass manufacturing shear lubricants, metal working fluids and water distribution piping.

We invite you to explore this website and learn how Zeta Corporation can provide water and fluid treatment solutions where environmental protections and bottom line results are not mutually exclusive.