

AQUA CLEAR ENGINEERING, Inc.

“The **ACE** in Water Treatment”

ACE “ZLD” Program (WCTI)

- “New Dimension” cooling tower chemistry allows high TDS and Zero Liquid Discharge
- “State of Art” Corrosion & Scale Protection
- Corrosion protection at 10,000-150,000 TDS
- Water cost savings without acid, scale, bio fouling, pathogen or corrosion risks
- Ideal for high silica or reuse makeup waters

How **ACE** Program Works

- Proprietary pre-conditioning system removes scale forming ions from tower make-up
- Unlimited tower concentrations (10-600X)
- Soluble silica controlled at 200 – 800 Mg/L
- Polymerized silica protects metals at high TDS
- High TDS prohibits bio and pathogen growth

ACE Program Benefits

- Reduces total treatment cost by ~ 50%
- Ideal corrosion protection (<0.2 MPY) for steel, copper, galvanized and aluminum
- Non-toxic program / eliminate discharge
- No chemical handling & storage
- Reduced testing and operator time
- Eliminates “bleed & feed” chemistry

ACE Program Implementation

- Survey design capacity, load, water quality
- Proposal/water savings comparison
- Purchase & install pre-treat system
- Monthly flat fee for method use and service
- Pre-treat start-up and program transition
- Performance monitoring & reporting

More information regarding this revolutionary technology can be found at www.aquaclearengineering.com or contact your **ACE** Representative directly info@aceh2o.com.