

Rethink your chlorine dioxide treatment.

**SAFETY**

Protect your people  
and equipment.

**RELIABILITY**

Eliminate performance  
surprises.

**SUSTAINABILITY**

Reduce water,  
energy and waste.

# Operational Challenges

## FOOD SAFETY/REGULATORY REQUIREMENTS

- FSMA compliance requirements
- Grade A PMO Category 1 requirement

## PRODUCTION DEMANDS

- Slime build-up can lead to heat transfer issues and negatively impact production throughput

## SUSTAINABILITY GOALS

- Need to recycle water to potable water grade applications within the plant

## ASSET MANAGEMENT

- Poor microbial control can lead to under-deposit corrosion
- High slug treatment dosages can lead to corrosion

## The AccuPro™ Program Addresses Your Operational Challenges



### On-site Generation of Chlorine Dioxide

- Precursors have NSF Standard 60 certification
- On-site Generation Equipment has NSF Standard 61 certification



### Enhanced Feed and Control

- Online, real-time monitoring and control of system performance results in treatment assurance



### Data Intelligence

- Local visibility to crucial alarms directly on the HMI
- Remote system monitoring via performance dashboard website
- 24/7 data tracking of ClO<sub>2</sub> levels, flow rate, pH and temperature
- In upset situations, an alert message would be sent to the Nalco Water sales representative or the local plant operator for immediate corrective action



### Service Protocol via Total Care Program

- Installation and commissioning
- Preventive maintenance: Yearly and every six weeks
- Spare parts and maintenance items included



### Safety Program

- Start-up and annual operator training

# The AccuPro™ Program delivers:

## Improved Safety

- Achieve regulatory compliance
- Meet food safety requirements
- Improve worker safety

## Production Reliability

- Increase equipment reliability
- Eliminate product quality surprises
- Optimize production throughput
- Minimize system corrosion

## Increased Sustainability

- Reuse & recycle water
- Optimize energy usage
- Reduce waste

The result is a positive impact on your bottom line.



Nalco Water has 20 years of experience with on-site chlorine dioxide generation.

Contact your local sales representative to discuss how the AccuPro Program can help you address your operational challenges.

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