

A background image of a waterfall with water cascading down, creating a sense of movement and freshness. The water is a deep blue color, and the overall scene is serene and natural.

NALCO Water
An Ecolab Company

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 ClO₂ 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.

Nalco Water, an Ecolab Company

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