



## Ecolab Engineering Provides World Class Engineering Solutions

Ecolab understands your entire sanitation process - products, systems and controls. As the company that invented Clean-In-Place (CIP) technology over 50 years ago, our experienced, full-service team of project managers and designers has the knowledge, technology and industry expertise to deliver what your operation requires.

### **BENEFITS OF WORKING WITH ECOLAB ENGINEERING:**

- ▲ Innovative, engineered solutions developed to meet project needs
- ▲ Standardized approach based on industry specific applications
- ▲ Systems designed for your application needs will help reduce overall operational costs and enhance food safety programs
- ▲ User-friendly controls provide for ease of operation and optimization editing
- ▲ Graphxx™ software system provides documentation of automated cleaning performance, allowing you to diagnose and troubleshoot to enhance efficiencies
- ▲ Project management team engaged in delivering project results
- ▲ Ecolab is an Original Equipment Manufacturer (OEM) provider:
  - UL-rated panel shop
  - ISO 9001 stainless fabrication and weld shop
  - All systems wet tested prior to shipment
  - Replacement part support



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## SUSTAINABLE SOLUTIONS:

- ▲ Optimized engineering design approach helps deliver operational savings and consistent results
- ▲ Ecolab control systems allow for optimized consumption of water, detergent, sanitizer, electricity and steam
- ▲ Automated surface cleaning systems provide operational savings and repeatable results
- ▲ Bulk product storage solutions with automated controls are designed to provide enhanced employee safety during product transfer and storage
- ▲ Facility cleaning systems provide improved labor utilization and management control of utilities and chemistry
- ▲ COP systems and washers provide automated sanitation of tear-down equipment and parts to help reduce labor and provide consistent cleaning results
- ▲ Custom-designed spray balls and spray devices for tanks, and spray bars for conveyors and rotating equipment, provide targeted cleaning coverage

## CONSULTING SERVICES:

- ▲ CIP performance analysis and recommendations
- ▲ Sustainable system design
- ▲ Equipment start-up services
- ▲ Plant sanitary process piping surveys and CIP study sheets
- ▲ Training



### World Headquarters

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