CHEM-AQUA™
An NCH Company

Legionella Risk Management for Cooling Tower Systems

Managing the risks associated with Legionella bacteria in cooling towers requires a comprehensive approach. Effective chemical treatment with a program for routine cleaning and disinfection is paramount. Systems must also be designed and operated properly with established startup, shutdown, and maintenance procedures. Reliable monitoring with good recordkeeping is necessary to keep the overall program on track.

A comprehensive Legionella risk management program encompasses all aspects of cooling tower operation, and requires building owners and managers to:

- Ensure drift eliminators, water distribution, and other mechanical components operate properly
- Clean the basin, fill, and drift eliminators regularly
- Follow proper procedures when starting or shutting down systems
- Maintain biocide, scale, and corrosion control concentrations
- Keep good records

ANSI*/ASHRAE** Standard 188, *Legionellosis: Risk Management for Building Water Systems*, provides owners and managers with a framework for developing and managing programs that address the many factors that must be considered. Chem-Aqua has the experience and resources to help you develop a Legionella Risk Management Program for your systems consistent with ASHRAE Standard 188 and state or local requirements.

Chem-Aqua can help you meet the requirements associated with Legionella risk management, including:

- Effective programs for microbiological, scale and corrosion control
- Tower cleaning and disinfection services by trained and qualified Chem-Aqua personnel
- Microbiological analysis including Legionella culture testing (CDC Elite Laboratory)
- Online reporting and documentation of service activities
- Inspection services by trained and qualified inspectors
- Water Management Plan development per ASHRAE 188 requirements

For more information, contact Chem-Aqua Corporate Headquarters (1-800-442-4971) or your local representative.

*ANSI (American National Standards Instititue)

**ASHRAE (American Society of Heating, Refrigeration, and Air Conditioning Engineers

©2023 Chem-Aqua, Inc.