



ASHRAE Standard 188-2015

Legionellosis: Risk Management for Building Water Systems

Purpose: The purpose of this standard is to establish minimum Legionellosis risk management requirements for building water systems.

Scope: The standard is intended for use by owners and managers of human occupied buildings to implement a risk management plan for potable and non-potable water systems to reduce risks of legionellosis associated with building water systems.

Compliance: Develop a Water Management Program (WMP) to include: Hazard Analysis, Risk Mitigation, Program Verification, and Plan Validation for building water systems. Validation may include testing for the *Legionella* bacteria in the water systems.



Non-Potable Water Systems

Buildings that have the following systems must include them in their WMP.

- Cooling towers
- Evaporative condensers
- Whirlpools/spas
- Ornamental fountains
- Misters, Atomizers, Air washers, Humidifiers

Elements of a Water Management Program

- Program Team
- Describe water systems/flow diagrams
- Analysis of building water systems
- Control measures
- Monitoring corrective actions
- Confirmation
- Documentation

The standard may be purchased
at the ASHRAE bookstore.
www.ashrae.org



Potable Water Systems

Buildings that have one or more of the following factors must include their potable water systems in their WMP.

- Multiple housing units with one or more centralized water heater(s)
- More than 10 stories high
- Healthcare facilities
- Housing occupants over the age of 65