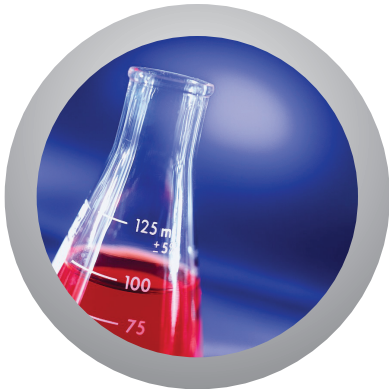


DELIVERING WORLD-CLASS  
WATER TREATMENT PRODUCTS  
AND SERVICES LOCALLY



# ASHRAE 188P

## WHAT DOES IT MEAN TO ME? SHOULD MY FACILITY BE MONITORING FOR LEGIONELLA?

### What is proposed ASHRAE Standard 188P?

- Is not a law regulated in the Code of Federal Regulations (CFR)
- It specifies an industry standard of care for managing and reducing the health related risks associated with Legionella in building water systems
- It provides a model to assess risk based on "Hazard Analysis and Critical Control Point (HACCP)" plans (see details on other side)
- Many industry experts anticipate that it will eventually be referred in building codes, therefore it will have the force of law behind it

### What is the purpose of ASHRAE 188P?

"...to present practices for prevention of legionellosis associated with building water systems."

### What is the scope of ASHRAE 188P?

Applies to buildings other than single family that have or use engineered water systems. Primarily for centralized industrial / utility and commercial building water systems.

### What is the intended use of ASHRAE 188P?

"...intended for use by those involved in the ownership, design, construction, installation (including commissioning), management, operation, maintenance and servicing of centralized industrial and commercial building water systems."

ASHRAE 188P provides a model for organizing and developing a risk reduction management plan for the control and prevention of legionellosis associated with engineered water systems.

**ESSENTIAL WATER TECHNOLOGIES CAN ASSIST YOU WITH  
DEVELOPING A RISK REDUCTION MANAGEMENT PLAN!**

# WHAT IS HACCP?

## HAZARD ANALYSIS CRITICAL CONTROL POINTS

- HACCP is a systematic approach for identification, evaluation and control of hazards
- The intent is to apply control measures to prevent, eliminate, or reduce significant hazards to an acceptable level

### When is a HACCP Plan Required?

- Multiple housing units with one or more centralized water heaters
- More than 10 stories high (including any levels below grade)
- In-patient health care facilities
- Occupants that are primarily over 65 years of age or those receiving chemotherapy for cancer or bone marrow transplantation
- One or more whirlpools and/or spas within it or located on its premises
- One or more aerosol generating water features or devices (e.g. ornamental fountains, direct evaporative coolers, misters, air washers or humidifiers) either within or located on its premises
- Total residual halogen concentration of the incoming potable water supply is less than 0.5 mg/L (ppm) as Cl<sub>2</sub>
- One or more cooling towers and/or evaporative condensers that provide cooling and/or refrigeration for the HVAC systems.

FOR FURTHER INFORMATION PLEASE CALL US OR VISIT  
OUR WEBSITE: [WWW.ESSENTIALWATERTECH.COM](http://WWW.ESSENTIALWATERTECH.COM)



### SUMMARY:

- Legionella testing alone does not and will not limit or reduce the liabilities associated with exposure to waterborne pathogens.
- Legionella culturing/testing should only be performed within the context of a written HACCP Plan that outlines a contingency plan when control goals (as defined in the HACCP Plan) are not met.
- Remedial actions should be based on OSHA guidelines, industry best practices and/or local guidelines.

### ESSENTIAL WATER TECHNOLOGIES CAN ASSIST YOU IN:

- Identifying the Critical Control Points in you facility.
- Preparing and managing an HACCP Program Manual for Legionella risk reduction.
- Providing a full range of Laboratory Analytical Services to assist in program assessment and monitoring.