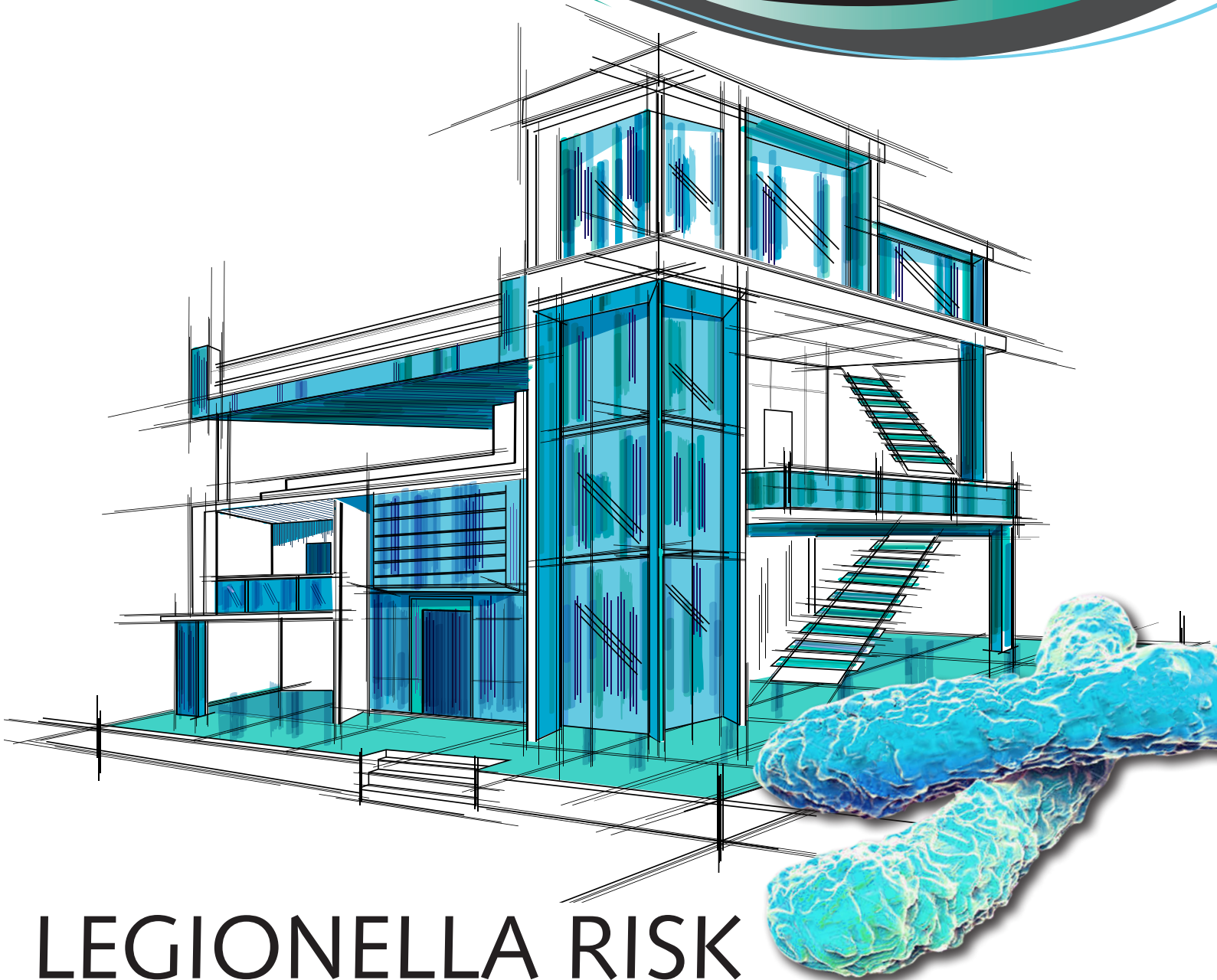


# WATER TREATMENT *Solutions*



## LEGIONELLA RISK MANAGEMENT PROGRAM

- Risk mitigation program to fit your facility
- Local support
- Easy step-by-step process
- State Industrial providing unique solutions to the market place since 1911



CARE FOR WORK ENVIRONMENTS®

# Legionella



## WHAT IS LEGIONELLA?

Legionella pneumophila is the bacterium that causes the severe pneumonia Legionnaire's Disease.



## HOW IS IT TRANSMITTED?

Legionella is most often transmitted through contaminated water droplets that can be easily inhaled and infect human lung tissue.



## WHO IS AT RISK?

High-risk populations include anyone with a compromised immune system such as the elderly and young children.

## WHERE IS IT FOUND?

**Potable Water:** Includes showers, sprinkler systems, tap water and more. Testing in these areas is imperative to a successful water treatment program because of the high exposure rate.

**HVAC Systems:** Includes cooling towers, air coolers, air washers and PTAC units commonly found in hotels and motels.

**Cooling Tower:** These systems operate at the optimal temperature, pH and nutrient level for Legionella growth.

**Ice Machine:** Generally known as a source of many pathogens, warm areas of ice machines near compressors can breed Legionella.

**Water Displays:** Although pretty, water displays, no matter the location or water flow, are prone to Legionella growth.



## RISK MINIMIZATION

State works with your team to develop a unique Legionella prevention plan for your facility. Your plan will specifically target zones susceptible to Legionella growth and provide detailed processes, procedures, maintenance documentation and sanitization programs to minimize growth in your water systems.

## MONITOR FOR DESIRED RESULTS

A central part of every plan is monitoring for control and adherence to prescribed procedures. State can provide you with a extensive monitoring and control program for Legionella target zones.

## TESTING PROTOCOL

State offers biological monitoring options including certified Legionella testing that includes detailed enumeration and species identification of Legionella bacteria, as well as general bacterial contamination.

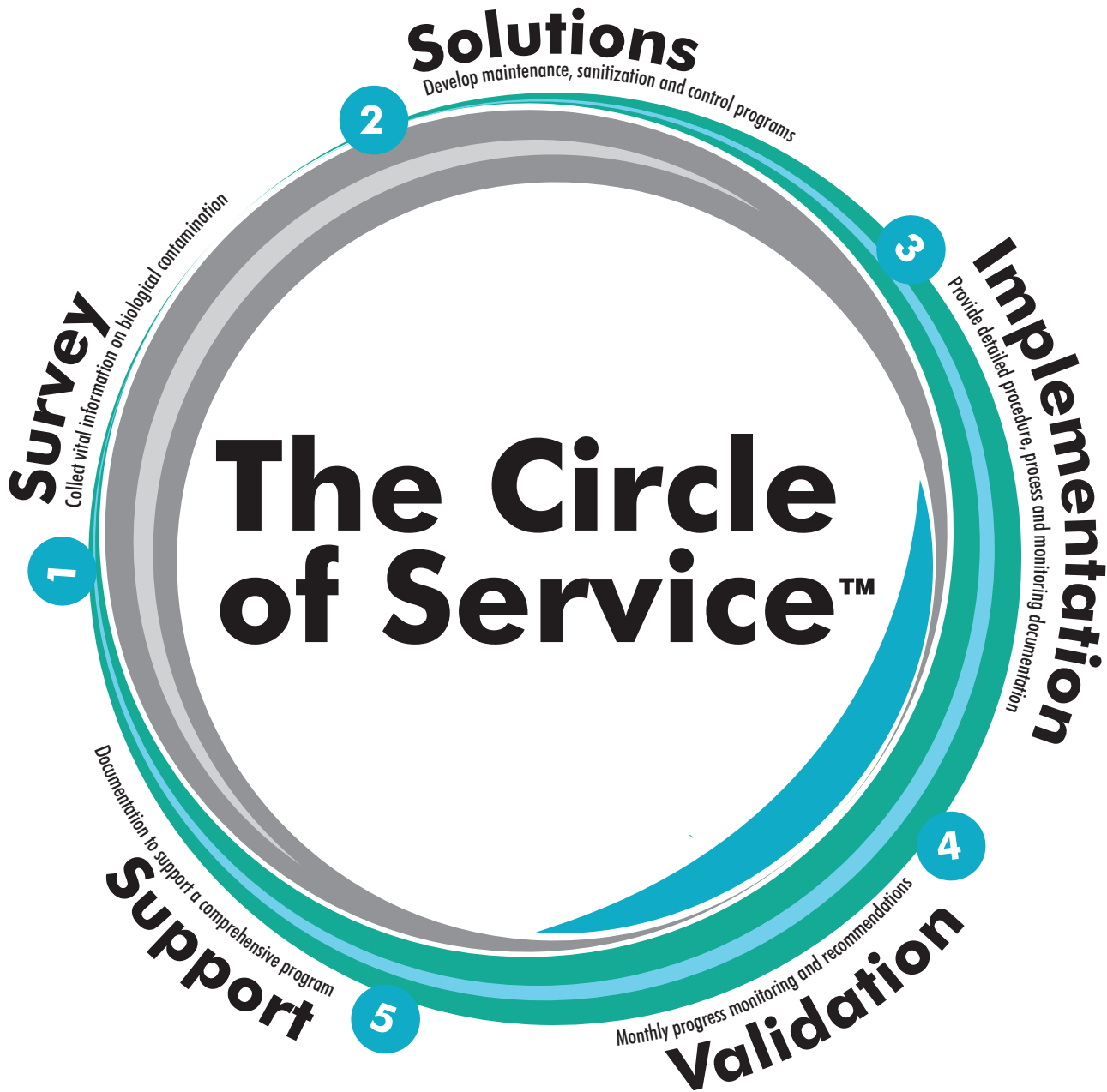
## MAINTENANCE & SANITIZATION PROGRAM

The key component to Legionella prevention is State's comprehensive cleaning, maintenance and sanitation programs for all of your water systems that could be a potential Legionella target zones.

## DOCUMENTED RESULTS

A detailed record of procedures, processes and results is vital to providing the historical data needed to make adjustments that ensure you are following the best practices as recommend by the Center for Disease Control, OSHA, CMS and Health Canada.





**State Industrial Products**  
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To Order Call: 1-866-747-2229  
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