

PROCEDURES FOR RE-OCCUPANCY

POST COVID-19 FOR HYDRONIC AND PLUMBING SYSTEMS

Minimizing employee contact with high-touch surfaces is a best practice for preventing virus transmission. Creating a touchless environment along with improving cleaning and sanitation procedures can protect employees from infectious diseases.

Implementing these strategies have minimal upfront costs, but these minor additions offer a positive impact on occupants' health and safety.



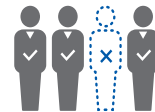
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Create a Touch-free Environment

Installing touch-free fixtures interrupts chain of virus transmission

- Automatic flush valves
- Automatic soap dispensers
- Limited-contact sinks/faucets; as recommended by Well Building Standard.
- Hands-free door openers

Increase Personal Hygiene

Improving hygiene can prevent many illnesses before they are known to exist

- Install sanitizer stations at points of entry, breakrooms, conference rooms and work areas.
- Introduce sneeze guards to close contact areas
- Installing sanitizing wipe stations for breakrooms and conference rooms



After weeks of being unoccupied, building plumbing and hydronic systems have been shutdown or have been operating under reduced flows. These conditions are hazardous for human health if the proper measures are not taken prior to restarting those systems. Conditions of stagnant water encourage biofilm and bacteria growth. There are several procedures that are recommended before re-occupancy to get hydronic and plumbing systems ready.

These strategies could be incorporated into buildings to make them safer for occupants.

Plumbing Systems

- Flushing and disinfecting plumbing systems through all points of use
- Confirm temperature at desired set-point for water heaters
- Remove ice from ice machine and the first few batches thereafter
- Check for biofilm growth in decorative fountains
- Water filter replacement
- Cleaning of thermostatic mixing valves in showers.
- Ensure all P-traps and plumbing drains are wet
- Clean aerators

Hydronic Systems

Cooling Towers

- Check disinfectant levels
- Water testing of cooling towers
- Clean cooling towers if biofilm is visible
- Avoid non-continuous operations even if loads vary
- Perform startup procedure
- Check water levels
- Visually inspect piping for leaks

Humidifiers

- Drain
- Perform startup procedure

TDIndustries has an experienced engineering team, with 20-plus licensed engineers, ready to evaluate and offer solutions for your building systems.

As always, we are ready to collaborate and solve complex, fast-track issues with you and your Operations team.

Let Us Help Protect Your Facility



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