

**Contact****Jan C. Wei**

PE, CEM, HBDP, LEED®AP, BCXP, CBCP

Senior Associate

Phone: (202) 330-6211

Fax: (212) 695-1898

jan.wei@stantec.com

Connect with us

[stantec.com](http://stantec.com)

# Responding to COVID-19

## Building Commissioning Support

The past several months have been difficult, with building closures and businesses shutdown due to the COVID-19 pandemic. However, we have arrived at the point where we are now looking forward and planning for a safe return to our workplaces and lives. As we approach this return, there are a lot of considerations that must be taken into account, especially for building owners. This includes a review of the condition of their building systems, and more importantly, if these systems are able to provide a safe environment for the return of tenants.

Stantec's building commissioning service group has—in response to necessary COVID-19 related considerations—developed a plan for building owners and operators to help ensure their building is ready for the reopening effort. The following is an outline detailing some ways Stantec can assist with the building readiness and reopening effort.

## STANTEC'S POST COVID-19 PLAN

### CONDITION ASSESSMENT

- Review building system equipment condition due to COVID shutdown
- Onsite assessment of mechanical heating/cooling and ventilation system, condenser water and plumbing water system
- Checklist and documentation of equipment condition

### OPERATION ASSESSMENT

- Onsite verification of the equipment operation and building system including air handling units, ventilation fans, OA dampers, exhaust fans, hydronic pumps, sensor calibration verification, temperature & humidity control, BMS system
- Checklist and documentation of equipment operation

### VENTILATION ASSESSMENT

- Review and verify current building system ventilation plan
- Test the existing ventilation rate (outdoor & exhaust) using in-house equipment
- Document the results of the ventilation flow

### IDENTIFICATION

- Identify strategies to improve building system operation for post-COVID operation
- Evaluate and provide recommendations for short-term and long-term actions for the building readiness and reopening plan

### DOCUMENTATION

- Document and provide a building readiness & reopening report, which will include any recommended action and post-system adjustment
- Develop a site-specific mitigation plan