



COVID Environmental Quality Services (CEQS)

CUSTOM SERVICES FOR COVID-19 MANAGEMENT IN YOUR BUILDING.

There is no “one-size-fits-all” solution to managing COVID-19. Our CEQS team will work with you to identify the building hazards, evaluate the COVID risk specific to your building, and confirm that appropriate precautions and controls are being implemented to provide confidence of compliance with current practice standards. We would develop a service offering to address your specific needs.

COVID-19 risk is multi-faceted and complex, making the issue of indoor environmental quality control challenging. The risk of transmission, both airborne and on surfaces, creates challenges for managing buildings, operating business and delivery of public services. An integrated knowledge of biology, environmental health and building systems is needed to mitigate these issues for building operations.

Information around COVID-19 risk and management is continuously evolving. With the myriad of technical resources being published and new technologies coming to the market, it is difficult to keep up to date and know what is the current available information and practice guidance (e.g. ASHRAE, CIBSE, OSHA and REHVA) to make informed judgements.

Building owners, managers, operators, and tenants often do not have a comprehensive technical grasp on the complexity of indoor environmental quality issues and the necessary steps to bring buildings into compliance with COVID-19 management current practices. They may ask advice from their local heating, ventilation and air conditioning (HVAC) maintenance contractors who, while perhaps familiar with the building, do not have the necessary training in environmental health, nor an understanding of the mitigation strategies required to adequately address these complex COVID-19 issues.



STANTEC COVID-19 ENVIRONMENTAL QUALITY SERVICES (CEQS)

Stantec has assembled a diverse team of professionals to continually assess new information coming to the market and help guide clients in making informed decisions. Our findings show that the key to effective COVID-19 building management is designing and implementing well-considered strategies through the synthesis of building engineering, environmental science, biology, and risk assessment and management disciplines. Through its COVID-19 Environmental Quality Services (CEQS), Stantec is providing comprehensive solutions that mitigate business and public service interruptions and risk for a variety of facilities.



WHO WE ARE

We provide CEQS services globally to a broad range of commercial, health care, residential, public, military, academic buildings and campuses.

We are certified industrial hygienists; safety specialists; industrial safety specialists; environmental professionals; electrical, mechanical, and structural engineers; toxicologists and risk assessment specialists. We live and work in your community, providing services to government agencies, oil and gas, real estate, industry and manufacturing, transportation, mining and power sectors, municipalities and many others. As global leaders in our fields, we actively participate in the industry bodies leading the way for building systems, environmental protection, infection control, indoor air quality and other related health and safety issues.

With experience in building mechanical systems, risk assessment, environmental monitoring, biological hazards, safe work practices, maintenance, and infection control procedures (including HVAC systems, operational controls, proper containment, personal protective equipment and disinfectant use), we are equipped to assist you during the COVID-19 pandemic and beyond.

Stantec CEQS staff successfully integrate, address, manage and mitigate indoor environmental quality issues, handling a spectrum of environmental issues (not limited to COVID-19); helping to protect our communities. We help manage risks to protect the well-being of building owners, managers, tenants, customers, students and the general public reducing personal liability, and increasing productivity.



STANTEC CEQS SERVICE

OUR CEQS TEAM PROVIDES COMPREHENSIVE STRATEGIES TO ADDRESS THE COMPLEXITIES OF PUBLIC, COMMERCIAL, RESIDENTIAL, INDUSTRIAL, AND CORPORATE BUILDINGS MANAGEMENT, AND WE CAN PROVIDE THE FOLLOWING:

- Assessment of practice guidance and COVID-19 compliance needs for new and existing buildings
- Remedial actions necessary to bring buildings into line with current practice guidance and compliance standards
- Risk assessment and mitigation strategies
- Advice on required testing and inspections
- Inspection/review of HVAC contractor work for compliance with industry practices/building codes
- Review and input into strategic building automation and control systems
- Forensic assessment of ventilation system design configuration
- Signage and touchless building elements
- Environmental quality assessment and monitoring
- Emergency planning
- Building occupant flow management and workplace planning
- Cleaning assessments including development of cleaning protocols, oversight of cleaning activities and post-cleaning assessments
- Risk communication and training
- Other related COVID-19 assessment, inspection and remedial work, as determined to meet your needs and as further information becomes available

FACILITIES OPERATIONS AND MAINTENANCE DURING COVID-19/WELL HEALTH AND SAFETY RATING

Our Stantec team is committed to guiding your new or existing building towards achieving the WELL Health-Safety Rating for Facility Operations & Management (“WELL Health-Safety Rating”) created by the WELL Building Institute IWBI to help companies and users to prepare their spaces for re-entry in a post-COVID-19 environment.

The WELL Health-Safety Rating is an internationally recognized certification standard and has been created for all building types. This is a streamlined and scalable third-party document review of operations and management policies and proven strategies in a single framework that results in a WELL Health-Safety Rated SEAL. It is designed to inspire confidence from customers, employees, and the community at large that not only have policies been established to address pathogen concerns, but that these policies have been third-party verified to be mapped correctly with scientific validation. The WELL Health-Safety Rating consists of more than 20 strategies that address the following areas:

- Cleaning and Sanitization Procedures
- Emergency Preparedness Programs
- Health Service Resources
- Air and Water Quality Management
- Stakeholder Engagement and Communication

These strategies will support COVID-19 risk mitigation decision-making and actions on all space types during emergencies and normal operating periods. However, The WELL Health-Safety Rating is not intended to replace, health-based governmental guidance and requirements.



— LOOK FOR THE SEAL —

*Seeing the seal outside
means you can feel safer going inside.*



COMMUNICATIONS MANAGEMENT

Our team can help you develop strategies for communicating complex and rapidly changing information to building owners, managers, tenants, customers, students and the general public in a way that addresses their concerns. Our subject matter professionals can help you provide your staff the information they need to keep them informed of the hazards, risks, and controls that are implemented to mitigate risks. We are comfortable communicating technical findings to wide audiences, from regulators and academics, to the media, and the general public. We will use clear, concise language to explain information about risks, the significance and meaning of those risks, and the decisions, actions or policies aimed at managing these risks. Whether providing advice and support, or meeting directly with concerned groups, we help you make scientific knowledge accessible to all audiences.

Stantec professionals provide CEQS services globally, bringing an international knowledge base to help clients manage local environmental quality issues. For example, we leverage our partnerships with leading academic research in the field of aerosol transmission in buildings to provide recommendations for effective indoor air quality solutions.

Stantec's CEQS Service integrates up to date research and understanding of COVID-19 risks with accepted industry building and environmental health technologies to manage and mitigate risks for a wide variety of facilities, thereby reducing disruptive and costly interruptions in facilities usage.

For Additional Information
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