

Response to Covid 19: Enhanced Air Quality for Heating Ventilation and Air Conditioning Systems at KPU

As KPU plans for a return of students and employees to our campuses this fall, KPU has been enhancing the delivery of its building heating, ventilation and air conditioning (HVAC) systems. Mechanical systems and filter changes are maintained under comprehensive maintenance routines per manufacturer's recommendations as well as industry best practices and recommendations by WorkSafeBC, Technical Safety BC, and ASHRAE. Operating conditions are monitored and controlled 24/7 by automated building controls systems.

Following industry recommendations from Worksafe and the regional authority on HVAC systems, ASHRAE (the American Society of Heating, Refrigerating and Air-Conditioning Engineers), and working in close consultation with our mechanical and automated building controls providers, KPU has taken steps to enhance the air supply delivery of its building heating, ventilation and air conditioning (HVAC) systems.

Enhanced Air Filtration

Following ASHREA recommendations, KPU has converted all applicable recirculating air systems with minimum MERV-13 air filters; an enhanced level of particulate filtration.

Increased Fresh Air Circulation and Purge

In order to reduce the potential transmission of Covid 19, ASRAE recommends the increase of outdoor fresh air ventilation an exhaust and less recirculated air.

During the period of this pandemic, KPU has increased the minimum fresh air outdoor air intake by 100% during building occupancy.

KPU has programmed the HVAC systems to flush all spaces with 100% fresh air 2 hours in advance of daily occupancies.

Facilities Services, working closely with Occupational Health & Safety, will investigate any reported air quality concerns and will take actions to mitigate any issues that arise.

If you have any questions or concerns regarding air quality, you can submit a request for an air quality review through TDx at the following link:

<https://kpu.teamdynamix.com/TDClient/60/Portal/Requests/ServiceDet?ID=1699>