

## Boost your Building's Immune System

**We offer building assessments and guidance to help you achieve a healthier building to reduce the risk and threat of COVID-19 and other diseases in your workspace.**

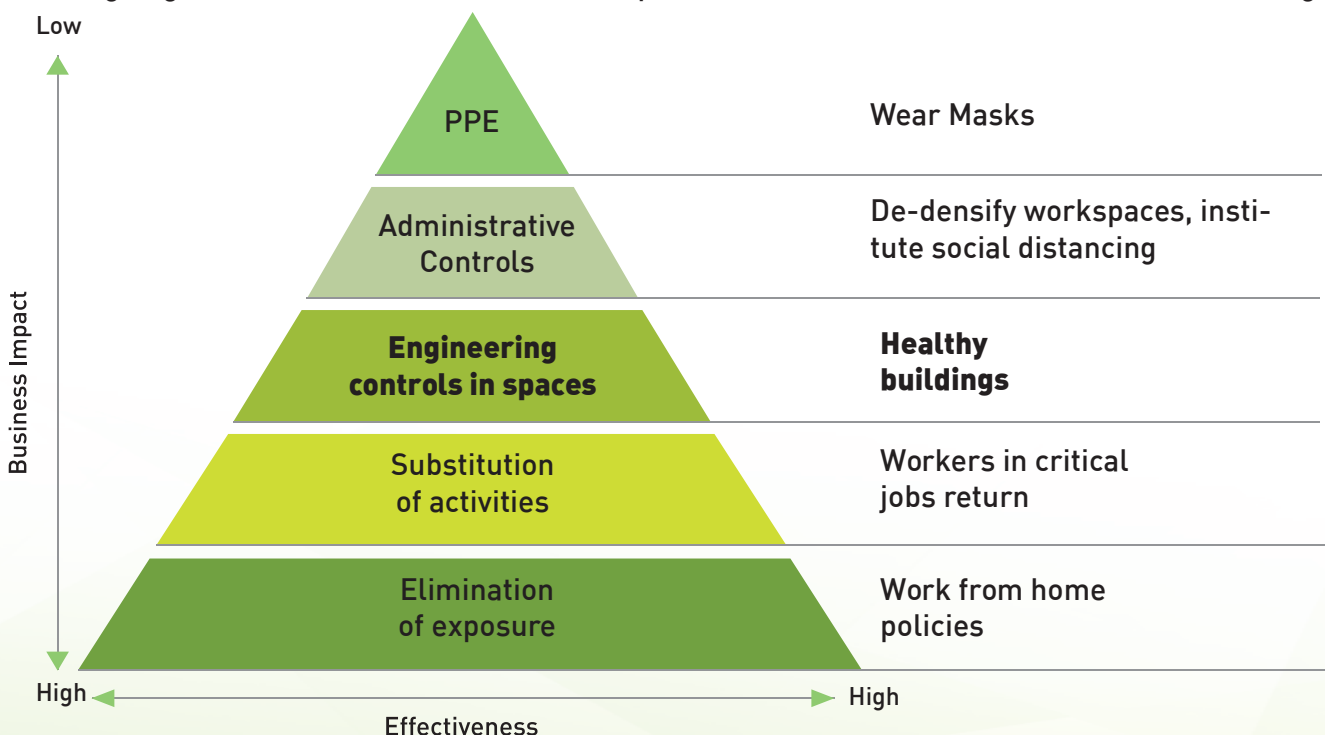
Whilst one cannot fully prevent COVID-19 from reaching and spreading within our workspaces, we can and should mitigate the risk through preventative strategies. Building owners and/or operators should have their spaces and building systems evaluated to ensure they are operating safely and efficiently. Studies have indicated that Heating, Ventilation and Cooling systems may play a role in the spread of COVID-19, however research is ongoing.

**As such, Ecolution Consulting, and its partners, can provide your building with a "Healthy Building Assessment" where we will perform:**

- (1) Healthy building audit
- (2) OH&S - COVID-19 Workplace Readiness Gap Assessment (Government Gazetted)
- (3) IAQ Testing (Indoor Air Quality Testing)
- (4) Water Quality Testing
- (5) HVAC Equipment Checks
- (6) HVAC design, layout and suitability review
- (7) HVAC programming Review
- (8) A findings and recommendation report will be provided to ensure spaces are well prepared for building re-entry

### Minimising Risk in the Workplace

Using a hierarchy of controls as a response framework, companies can take a range of actions - weighing the effectiveness and financial impact of each - to combat COVID-19 in their buildings



Note: PPE stands for personal protective equipment. Source: Joseph Allen and John Macomber, adapted from Harvard Business Review.

**In order to perform the assessment and backup our recommendations, we will make use of a number of reputable processes, standards, guidelines and references, whilst we endeavor to stay updated as this cutting edge field gains new insights and guidelines. These include:**

- Disaster Management Act: COVID-19 occupational health and safety measures in workplaces
- Occupational Health and Safety Act 85 of 1993
- Government latest COVID-19 Regulations GG.43257
- ASHRAE Journal - Guidance for Building Operations During the COVID-19 Pandemic
- WELL building standard V2 2018
- SANS 241 - Drinking Water
- SANS 893 - Legionnaires' disease

Our Healthy Building Assessment can also be combined with a sustainability audit where we will assess the sustainability of your existing building operations as well as Mechanical, Electrical and Plumbing systems.

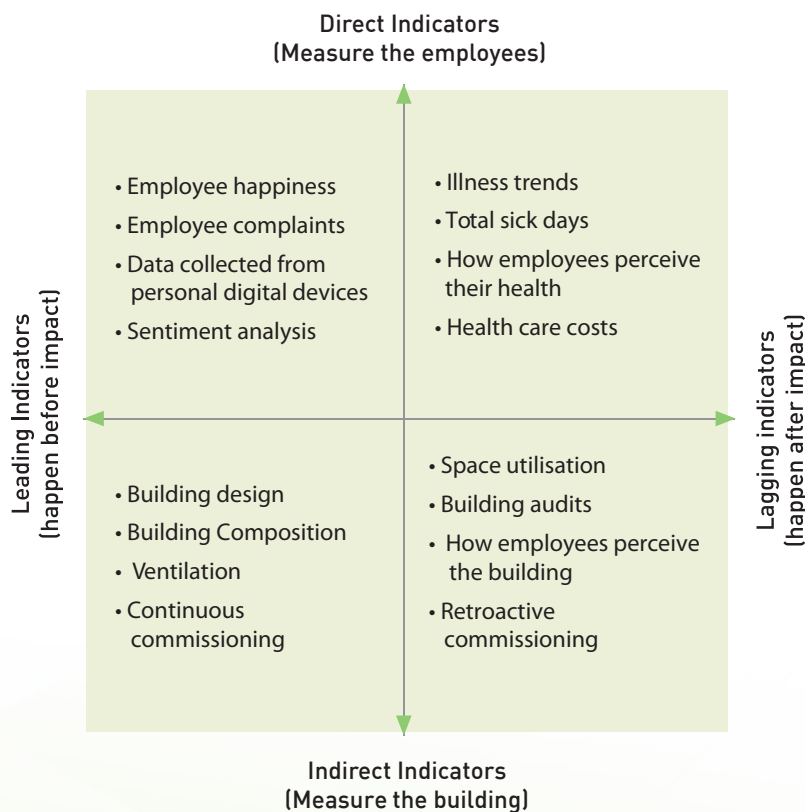
**For more information, contact us or send your location, building type, occupancy and square meterage of your building to get a quote.**

Please note:

- The assessment will not provide a guarantee of infection and spread detection nor prevention, but rather reduce the risk
- The assessment is not an "official inspection", but rather an assessment to ensure the building is prepared for an Approved Inspection Authority.
- Access to equipment and controls is required to perform the assessment.
- Access to design documents, O&M files will be very useful and improve the outcome of the results

## Health Performance Indicators

HPIs can be divided into four quadrants according to the timing of the indicators and what they measure



Source: Healthy Buildings (Harvard University Press)  
adapted from Harvard Business Review