

IAQ Solutions to Curtail Tuberculosis (TB) Outbreak in Buildings

What is Tuberculosis (TB)?

Tuberculosis (TB) is a bacterial infection caused by a germ called Mycobacterium tuberculosis. The bacteria usually attack the lungs, but they can also damage other parts of the body. TB spreads through the air when a person with TB of the lungs or throat coughs, sneezes or talks. If you have been exposed, you should go to your doctor for tests. People with weak immune system are more susceptible to TB.

What are the symptoms of TB?

Symptom of TB includes: A bad cough that lasts 3 weeks or longer; Weight loss; Coughing up blood or mucus; Weakness or fatigue; Fever and chills; Night sweats. If not treated properly, TB can be deadly.

How is TB spread?

TB is usually spread through the air from one person to another or contact with droplets (deposited on building interior surfaces, equipment and materials) from the nose and throat of infected people especially when they cough and sneeze.

IAQ Solution to Curtail Spread of TB

The first and best defence is a good offence. The first step is to isolate affected individuals and second step is to bio-decontaminate the building.

IAQ Singapore provides vapour decontamination system. This system helps to kill bacteria at all nicks and corners (that are not humanly possible to reach) of the building. In addition, bio-decontamination (using antimicrobial) of indoor space surfaces and equipment will be done to reduce the level of existing contamination on all surfaces to minimize transmission of infection by contact with surfaces contaminated with spilled, droplets or airborne contaminants.

Our antimicrobial offers long lasting protection from microorganisms. The aim of our bio-decontamination is to take control of the site bio-sphere and re-establish a controlled environment, safe for human occupation and reduce potential cross contamination.

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