

Indoor Air Quality

The National Health and Medical Research Council defines indoor air quality as any space where a person needs a period of an hour or more in any one day. Indoor air quality (IAQ) may be defined as the nature of air that affects the health and wellbeing of a building's occupants.

Indoor air quality in recent years has experienced a heightened state of awareness among building owners, managers, occupants and employers. Building occupants generally, over time have demanded and have a higher expectation of their own working environments including the atmospheric conditions.

IAQ has become a significant public health issue and the number of IAQ related complaints has increased in recent years with increased building tightness, the growing use of synthetic materials and energy conservation measures to reduce the quantities of outside air to occupied spaces. This, combined with the plethora of other internally generated pollutants has elevated IAQ to become a significant environmental and public health issue. So we must ask the question; "Why care about IAQ?" There are two main reasons. The first is that degradation of indoor air quality has been associated with health effects of a largely differing degree of severity, ranging from acute irritations to chronic pathologies and even cancer induction.

The second reason for concern is related to the costs associated with poor IAQ. These costs are a by-product of declining health among affected building occupants and are measured by declining productivity, increased absenteeism, unbudgeted remedial work as a response to problems and damages awarded in any litigation that may arise.

It therefore makes economic sense to provide building occupants with a comfortable, productive, and acceptable standard of indoor air quality. If the building and its installed air conditioning systems are managed to protect the health of building occupants then as a by-product the building owners, their agents, and the expensive assets such as the air conditioning will also be protected.

At A G & G Services we have a diverse range of technical consulting, testing and remedial services that aim to meet the needs of our clients. Because we offer the largest range of IAQ related services on the market we can look at each of your buildings and prepare proposals that get the best of your budgets and consider the best practice principles of IAQ management.