indoorcare

PROVIDING ACTIONABLE INSIGHTS

Department

Weekly Report

Exclusively prepared for:

Indoorcare Pte. Ltd
London, UK
October 30, 2024

Introduction

The categories such as comfort, cognitive function, productivity, performance and physical health that are being evaluated by our software are purely based on general indoor air quality research. While,the RESET Viral Index is from RESET that calculates the potential for infection based on the indoor air quality metrics. The purpose of these categories is to help organizations understand the potential impact of indoor air quality on our wellbeing in the workplace.

Categories

Comfort Level

Refers to the perception of a pleasant and satisfactory environment in terms of air freshness, temperature, and the absence of pollutants. A comfortable environment promotes physical and psychological well-being, allowing occupants to feel at ease..

Cognitive Function

Refers to the mental processes and abilities that allow individuals to perceive, process, and respond to information. Indoor air quality can have a significant impact on cognitive function in employees. Please refer to the recommendations.

Productivity Level

Refers to the efficiency and effectiveness of individuals in performing and completing tasks while being exposed to clean and healthy indoor air environment.

Performance Level

Refers to individual's ability to achieve desired outcomes and meet performance expectations while being exposed to a conducive indoor air environment, it encompasses task-related performance. Optimal indoor air quality can enhance performance.

Physical Health

Refers to the state of well-being experienced by individuals in relation to indoor air quality. Physical health of employees and indoor air quality are crucial factors in maintaining a safe and healthy work environment.

RESET Viral Index

Previously known as the RESET Index for Airborne Infection Potential, is an index to inform the likelihood of airborne virus transmission in an indoor space, leveraging research focused around virus transmission and applying it to continuous monitoring.

- HR Department

Comfort Level 77%

Cognitive Function 74%

Productivity Level 93%

Performance Level 89%

Physical Health 51%

RESET Viral Index 0%

Smile-o-meter

Other Risk Factors

Mold Risk — Excellent!

Asthma Risk — Excellent!

Allergy Risk — Excellent!

Recommendations

It's starting to get warm in here!

To enhance employee comfort, it is essential to ensure that the temperature in your workplace is set to optimal ranges of 23-24 degrees Celsius (73-77 degrees Fahrenheit).

Install a right size of Dehumidifiers

A dehumidifier that's appropriately sized for the space will effectively reduce and maintain the desired humidity levels, preventing issues related to excess moisture such as mold growth and musty odors.

CO2 is high, insufficient ventilation may be causing it.

Sensitive Individual may experience cognitive impairment and minor discomfort

CO2 is high

This area might not be getting enough fresh air, and insufficient ventilation may be causing it. Encourage breaks outdoors or in well-ventilated areas to allow employees to get fresh air. Increase ventilation to allow for better air exchange and reduce CO2 buildup. You might want to to talk to your facility manager about it.

You may want to consider Bipolar Ionization

You may want to consider Bipolar ionization. By generating charged ions, this system may help neutralize pollutants in the air and make them easier to remove through ventilation or filtration. If you decide to use this technology. EPA recommends using a device that meets UL2998 standard certification for Zero Ozone.

TVOC sources can come from various products and off-gassing of materials and chemicals.

Use air purifiers with HEPA and activated carbon filters, select low-emission products, maintain a clean space, properly store chemicals, and minimize the use of alcohol and disinfectant sprays. Consult an indoor air quality specialist if problems persist.

Keep your air purifiers on!

Use air purifiers with HEPA Filters and Activated Carbon Filters may reduce TVOC, Formaldehyde, PM2.5, PM10. Ensure that the air purifier has a sufficient airflow rate and high-quality filter to effectively capture and remove pollutants from the air. Follow the manufacturer's instructions for filter replacement and maintenance to ensure optimal performance.