



George Woo, MSc

Hazardous Materials Specialist

Professional summary

Mr. Woo is a Hazardous Materials Specialist with over 25 years of experience in the occupational and environmental hygiene field. He started his career in indoor air quality and green buildings as a R-2000 builder and project manager. His special interest in indoor air quality and environmentally friendly construction led him to become an USGBC LEED-AP in the 2000s and an internationally accredited indoor environmental consultant. With such vast experience, George has been working with numerous consulting and remediation projects in Hong Kong & China in the areas of mould, asbestos, radon, formaldehydes and other hazardous materials.

Recent projects include walkthrough assessments conducted over various production locations in British Columbia.

Employment history

- Aura Health and Safety Corporation, Hazardous Materials Specialist, Burnaby, BC, September 2019 to present.
- Sterling IAQ Consultants Ltd., Project Manager, Vancouver, BC, 2018 to May 2019.
- Calcite Indoor Environment Services Limited., Principal Consultant, Hong Kong, 2003 to 2017.
- Orkney International Limited, Indoor Environmental Consultant, Hong Kong, 2000 to 2003.
- Unison Development Inc., Project Manager (Owner), Canada, Pre 2000.

Representative projects

Hazardous Building Materials Assessments

Mr. Woo has been involved in an extensive asbestos survey in Western Canada. Recent assessments include bulk and air sampling for BC Hydro's transmission and distribution substations; inspection, air sampling and clearance for Nexen Building, Calgary and aboriginal dwellings for Dakelh & Quesnel Community Housing Society in Quesnel.

Infectious Control for Old Age & Child Care Facilities

Mr. Woo has been involved extensively in indoor air quality projects focusing on microbial pathway control. As one of the task force members in microbial control in buildings during the 2003 SARS outbreak in Hong Kong and China, Mr. Woo worked with local universities and professional groups to determine an effective model for microbial control in health care and senior care facilities with targets to control and minimize the pathogen distribution inside buildings.

Quality Indoor Environment consulting & project management

As an accredited US Green Building Council LEED AP specializing in Quality Indoor Environment, Mr. Woo had been involved in numerous residential & commercial projects in design and project management. With his majority of clients aiming for a healthy living & working environment, Mr. Woo's projects have included indoor chemical (TVOC and formaldehyde) control for Benefit Cosmetic's regional head office in Hong Kong; electromagnetic field (EMF) assessment and remediation for Barings

Core Skills

- Exposure assessment
- Indoor air quality
- Hazardous materials assessments
- Environmental health
- Remediation and Project Management

Education

- BSc, Bachelor of Science (Computer Science), McMaster University, Canada
- MSc, Master of Psychology, University of Phoenix, USA

Memberships/affiliations

- US & Canadian Green Building Council
- Internationally accredited LEED AP (ID+C)
- ACAC Council Certified Indoor Environmental Consultant
- ACAC Council Certified Microbial Investigator
- Accredited AHERA Building Inspector

Location

- Burnaby, BC

Languages

- English
- Chinese
 - Cantonese
 - Mandarin

Continued...

Bank's (Hong Kong) chief executive residence, and radon assessment and remediation for historic granite built villas in Hong Kong and southern China

Presentations

1. "Green & Healthy Living" Seminar, LOHAS Expo 2016, Hong Kong Convention & Exhibition Centre
2. Annual refresher seminar for Po Leung Kuk Group, "Indoor Hygiene for Old Age Facilities", 2013 – 2016
3. "Plants as Nature's Air Purifier" Inno Tech Expo 2015, Hong Kong Convention & Exhibition Centre
4. "Logic Behind Indoor Air Quality", United Hospital, Hong Kong 2014