



Jasmond Sangha, BSc, EPt

Occupational Health & Safety (OHS) Advisor

Professional Summary

Mr. Sangha is an OHS Advisor with five years of work experience in conducting exposure and risk assessments, hazardous building materials investigations, indoor air quality investigations and asbestos management. He has experience consulting in various industries including film, insurance, transportation, education, remediation and construction. He has worked on projects which investigated worker exposure to asbestos, crystalline silica, carbon monoxide, carbon dioxide, volatile organic compounds, perchlorates, lead, mould, fentanyl and biological hazards.

Mr. Sangha is currently pursuing his Canadian Registered Safety Professional (CRSP) and Environmental Professional (EP) designations.

Employment History

- Aura Health & Safety Corp., OHS Advisor, 2021 to present
- MBC Group, Occupational Hygiene Consultant, 2021
- Sure Hazmat and Testing, Occupational Hygiene Technologist, 2019 – 2021
- BioSolutions Inc., Environmental Health and Safety Manager, 2017-2019.

Representative Projects

Hazardous Materials

Hazardous Building Materials Assessment, Various Clients

Mr. Sangha has conducted many pre-demolition and pre-renovation hazardous building materials investigations for residential and commercial type buildings, including conducting and reviewing risk assessments, safe work procedures and exposure control plans.

Core Skills

- Hazardous Materials Investigation
- Exposure Assessment
- Risk Assessment
- Indoor Air Quality
- Project Management

Education

- BSc, Health Sciences, Simon Fraser University, BC, Canada, 2013.
- Certificate, Occupational Health and Safety, British Columbia Institute of Technology, BC, Canada, 2022.

Certifications

- US EPA AHERA Building Inspector, 2021
- Construction Safety Officer, BCIT, 2018
- Occupational First Aid Level 1, Be Prepared, 2021
- Fungal Spore Identification, MBL, 2020

Membership/Affiliations

- American Industrial Hygiene Association BC Yukon Local Section- 2020
- Environmental Careers Organization Canada – Environmental Professional (in training)- 2020

Location

- British Columbia

Languages

- English
- Punjabi
- Hindi
- Malay/Indonesian

Asbestos Management Program, Building Manager, New Westminster

Mr. Sangha has assisted in the development of asbestos survey reports for numerous high-rise buildings for a strata management company as part of their asbestos management program. In addition, he has been involved with the deliverance of asbestos awareness training program for its workers.

Chemical Exposure Assessment

Perchloric Acid Fume Hood Decommission, University, Vancouver

Mr. Sangha has investigated for hazardous materials involved in the decommissioning of an old perchloric acid fume hood where he has collected samples for the identification and quantification of asbestos, lead, perchlorates, and visual inspections of other hazardous materials such as ozone depleting substances, PCB's, mercury, and biological hazards. Mr.

Sangha also prepared risk assessments and safe work procedures for the safe dismantling of the perchloric acid fume hood.

Fentanyl Exposure Assessment, Automotive Insurance Company, Coquitlam

Mr. Sangha has conducted numerous investigations to assess the potential for worker exposure to fentanyl in recovered theft vehicles for a local automotive insurance company. Using acceptable sampling procedures, Mr. Sangha was able to assess potential worker exposure and create a remediation plan for the client.

Lead and Asbestos Exposure Assessment, Local Municipality, Vancouver

Mr. Sangha has conducted airborne lead dust and asbestos exposure assessment for the City of Vancouver during various renovation projects to determine effectiveness of engineering controls used during asbestos abatement activities.

Crystalline Silica Exposure Assessment, Rail Transit Maintenance Facility, Burnaby

Mr. Sangha conducted a crystalline silica airborne exposure assessment during renovation activities at a local light rail transit maintenance facility. He has reviewed many safe work procedures and exposure control plans for this client.

Asbestos Surface Exposure Assessment, Hydro Turbine Station, Rosedale

Mr. Sangha assisted the primary contractor in developing a strategy to recognize and evaluate the extent of asbestos surface contamination at a local hydro station during the upgrades and refurbishment project of the turbine structure within the building. Using effective surface sampling and air monitoring procedures along with facilitating the asbestos awareness program for workers, Mr. Sangha was able to offer insightful recommendations that protect workers during the project.



Indoor Air Quality Assessment

Indoor Air Quality Investigation, College, Vancouver

Mr. Sangha has assisted the health and safety department of a local community college in response to an indoor air quality complaint by workers. He engaged with a third-party consultant to assess parameters such as carbon monoxide, carbon dioxide, volatile organic compounds, fungal spores, relative humidity, and temperature. During this investigation, Mr. Sangha was able to conclude that the dampers of one of the air handling unit on the roof required repair and maintenance.

Mould Investigation and Moisture Assessment, Warehouse, Richmond

Mr. Sangha has investigated for potential fungal contamination and moisture intrusion at a local warehouse building that is currently used as temporary housing society. Using moisture meter, air sampling, infrared camera, and well documented visual inspections, Mr. Sangha was able to conclude that condensation was the main cause of the moisture issue. He was able to discuss the issue with the building architect and recommend corrective actions such as using proper drywall insulation and mould remediation strategies to solve the issue.

Health and Safety

Health and Safety Program Management, Retail Store, Surrey

Mr. Sangha has assisted in the management of the health and safety program of a local retail store where he was involved in reviewing and updating the health and safety manual to follow municipal and provincial legislations.

Health and Safety Manual Development, Abatement Company, Port Coquitlam

Mr. Sangha helped a local abatement company develop a respiratory protection program and PPE program for its workers. The program manuals address hazard assessment and exposure control, respirator selection process, fit testing, PPE selection process and maintenance.

Covid-19 Safety Plan & Safety Manual Development, Consulting company, Burnaby Mr.

Sangha has developed a Covid-19 safety plan in response to British Columbia public health order as part of a consulting company's exposure control plan for Covid-19.