



Taryn Toic, MSc, CIH

Hygiene Team Lead

Professional Summary

Ms. Toic is an Industrial Hygienist, with over 6 years of experience in the occupational health and safety field, working in oil and gas, construction, public sector, and consulting. She has experience maintaining safety programs, and creating safe operating procedures and exposure control plans. Recent projects include hazardous materials surveys, mould and indoor air quality assessments, blast gas assessment at a coal mine, exposure assessments to fog and haze on film sets, and a baseline exposure assessment in the mining industry. Ms. Toic has conducted personal monitoring for various hazards such as noise, crystalline silica, asbestos, nuisance particles, isocyanates, and diesel exhaust.

Employment History

- Aura Health and Safety Corporation. Industrial Hygienist, Burnaby, BC, 2017 to present.
- City of Vancouver, Industrial Hygiene Co-op Student, Vancouver, BC, 2016.
- Imperial Oil, SSHE Administrator, Kearl Lake, AB, 2015.
- Pacer Promec Energy Corporation, Senior HSSE Administrator, Kearl Lake & CNRL, AB, 2014-2015.

Representative Projects

Chemical Exposure Assessments

Ms. Toic has been involved with chemical exposure assessments of workers in the manufacturing industry and local municipality. Assessments included personal monitoring, area monitoring, and bulk material sampling. Examples of projects include: welding fume exposure, metals exposure at a processing facility, VOC exposure assessment, assessment of blast gases after blasting at a coal mine, assessments of asbestos from demolition haulers entering the landfill, personal silica monitoring of various landfill employees, short-term personal silica monitoring of construction workers, and diesel exhaust monitoring at a chemical manufacturer.

Physical Exposure Assessments

Ms. Toic has experience conducting both personal and area monitoring for noise, and using the results to create noise maps to determine areas of excessive noise and sources of noise. Examples of personal noise monitoring include various positions at the City of Vancouver landfill and transfer station. Additionally, Ms. Toic has experience in conducting electromagnetic field (EMF) surveys both at a chemical manufacturing site and at a pulp and paper mill, with the goals of determining if any precautionary measures were required, and if use of pacemakers in the workplace was appropriate.

Occupational Health and Safety

Ms. Toic has experience in maintaining safety programs and all appropriate documentation to meet legislative requirements. She has been involved with conducting risk assessments, creating exposure control plans, creating safe operating procedures and job hazard analyses. Her safety experience also includes creating and delivering safety orientation presentations, toolbox talks, and safety briefs.

Core Skills

- Exposure assessment
- Occupational health and safety
- Hazardous materials surveys
- Legislation interpretation
- Project Management

Education

- MSc, Occupational & Environmental Hygiene, University of British Columbia, BC, Canada, 2016
- OH&S Certificate, BCIT, BC, Canada, 2014
- BSc, Biopsychology University of British Columbia, BC, Canada, 2011

Professional Qualifications

- American Board of Industrial Hygienists, CIH #12574, 2021
- US EPA AHERA Asbestos Building Inspector, #185733

Memberships/affiliations

- American Industrial Hygiene Association BC Yukon Local Section- 2015 to present; Joined Executive Committee as Secretary in 2018 to 2020 and is currently the President.

Location

- Burnaby, BC

Languages

- English

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Hazardous Building Materials

Ms. Toic is a certified AHERA Building Inspector who has experience conducting hazardous material surveys, including management surveys and demolition surveys. She also has experiencing in compiling hazardous building material inventories. She has experience conducting inspections during asbestos and lead abatement projects including sampling, site inspections and contractor oversight. She has also conducted mould assessments and provided oversight and air sampling during mould abatement.

Ergonomics

Ms. Toic has experience conducting ergonomic assessments where she has conducted task analyses and used various tools to determine risk such as rapid upper limb assessment (RULA) and the hand activity level threshold limit value (TLV). An example of experience includes an assessment of ergonomic strain on employees working in food trucks.

Miscellaneous Projects

Ms. Toic has been involved with miscellaneous projects such as providing exposure assessments in the film and entertainment industry related to exposures to fog and haze used on sets. She has analyzed worker exposures on sets using direct-reading instruments and trained workers on how to use such instruments to monitor fog levels.

Presentations

1. MSc Co-op. Project – Bulk Sampling of Asbestos in Demolition Loads at the City of Vancouver, SPPH, University of British Columbia School of Population and Public Health, 2016.
2. UBC Practicum Project – Results of hazard assessment at Canexus Chloroalkali Facility, 2017.