



The Occupational Hygiene Association of Ontario presents:
SPRING PDC – Thursday, May 4, 2023
Virtual Via Zoom Platform

<p>Thursday, May 4, 2023 8:00 am - 5:00 pm</p>
<p>OHAO Presents: Industrial Hygiene Risk Assessment</p>

**This course will take place virtually on the
Zoom Webinar Platform**

Please note, once you register you will receive a confirmation email but the link to login to the sessions will only be sent to you via email the day before the event.

To register please visit the OHAO website at www.ohao.org
or if you are looking at the digital copy [click here](#) to go
directly to the registration page.

Occupational Hygiene Association of Ontario (www.ohao.org)
Telephone: 905-567-7196

Spring PDC – Thursday, May 4, 2023, 8:00 am- 4:30 pm

OHAO Presents: Industrial Hygiene Risk Assessment

Presented by: Dr. Georgi Popov, QEP, CSP, ARM, SMS, CMC, FAIHA and Dr. Tsvetan Popov, CIH, CSP

Participants will learn to use proper risk assessment terminology and internationally recognized risk assessment process. We will utilize new interactive IH risk assessment tools developed for the updated AIHA® Value Strategy/Business case. One of the real-world case studies presents opportunities to align EHS risks with business risks and opportunities.

This course includes fundamental EHS risk assessment concepts and internationally accepted risk assessment terminology. The authors will discuss exposure assessment priorities and health risk ratings. A Modified Health Risk Rating (HRR) and IH Failure Mode and Effect Analysis methodology was developed for this course. Nanomaterials risk assessment tool will be discussed briefly, since one of the case studies includes nanomaterials. Most of the risk assessment tools are liner. Therefore, a special Bow Tie IH risk assessment tool was developed to address the additive or synergistic effects of multiple chemicals exposures. A dermal exposure risk assessment tool is also included in the course materials.

Finally, a real case study is used to demonstrate the alignment of occupational health risks and the Prevention through Design (PtD) risk assessment process. The course ends with an assignment where the participants will select one of the Risk Assessment techniques and demonstrate successful risk reduction methodology.

Level: Intermediate

Duration: 7 hours

Why the course will be interesting and important to attendees?

Participants will receive free set of industrial hygiene MS Excel based interactive tools on the first day of the class. The instructor will also provide supplemental materials. These new concepts are not covered sufficiently in current EHS and AIHA books. We have to learn to assess the risk properly, use proper terminology, and communicate the results. Participants will learn how to EHS develop risk reduction strategies.

How does an IH/OH benefit from the course?

IH/OH professionals will learn to use the intermediate risk assessment techniques and align them with risk management model. This model is different from the “traditional” health risk assessment methods described in the existing IH textbooks.

Prerequisites

None. However, the participants are encouraged to have basic IH risk assessment knowledge prior to enrollment in this course as this is an intermediate level course.

Value Added

Participants will receive free IH risk assessment tools on the day of the class.

Learning Outcomes

Upon completion, the participant will be able to:

- Discuss fundamental EHS risk assessment concepts
- Introduce Industrial Hygiene Risk Assessment techniques
- Utilize Health Risk Assessments and Prioritization
- Align Occupational health risk alignment with PtD Risk Assessment process
- Apply IH risk assessment model based on a real-world case study

Course Outline

- Discuss IH Risk Assessment, Health risk assessment, Exposure Assessment, and Exposure Risk Assessment and Management (ERAM).
- Differentiate between Exposure Assessment and Risk Assessment.
- Discuss international and US risk assessment standards
- Determine the Exposure Assessment Priority
- Modified Health Risk Rating (HRR) and IH Failure Mode and Effect Analysis methodology
- Linear vs. Risk Summation Models
- IH Dermal Risk Assessment Tool
- Occupational Health Risk and PtD Process Alignment

Total Contact Hours: 7



2023 OHAO Spring PDC Registration Fees

SPRING PDC – OHAO Presents – Industrial Hygiene Risk Assessment Thursday, May 4, 2023
--

Registration

- Member - \$225.00 + HST
- Non-Member - \$325.00 + HST

Discounts

- If you registered for the Spring Symposium you will receive a 10% discount on your registration fees. **IMPORTANT: YOU MUST USE THE FOLLOWING DISCOUNT CODE: SYMP23** (all uppercase) to receive the discount. I am trusting people on the honour system here but will be checking people who have used the discount code against the Symposium registration list.

Cancellations – No shows forfeit the full registration fee. Substitutions are permitted.