

Industrial Hygiene: Strategy to Sampling

We've taken two of our most successful programs: Introduction to Industrial Hygiene and Industrial Hygiene Measurement and Monitoring and combined them into one condensed offering.

Industrial hygiene practices aim to recognize, evaluate and control workplace health and safety hazards. The participants of this course will be introduced to some of the fundamentals of industrial hygiene including the long and short-term toxic effects of chemicals, pathogens and physical hazards. We follow this up with extensive hands on modules demonstrating a wide variety of industrial hygiene monitoring equipment and their effective use in an industrial setting, or emergency response event. Finally, each participant will learn how to prepare and ship samples for analysis and interpret results for application to their workplace.

Course Content

Module 1: Concept of Anticipation, Recognition, Evaluation and Control

- What is Industrial Hygiene
- Industrial Hygiene Programs
- Who, What, When, Why and How's of sampling
- Standards and Methods

Module 2: Toxicology

- Routes of entry and effect
- Acute vs. Chronic
- Dose response and Exposure Limits

Module 3: Industrial Hygiene Calculations

- ppm to mg/m³ and other calculations
- Flowrate and sampling times
- Conversions and Units

Module 4: Chemical & Physical Hazards

- Particulates, Gases and Vapours
- Bacteria, Viruses and Moulds
- Noise
- Heat and Cold Stresses
- Lighting & Ventilation

Module 5: Calibration and Operation

- Calibrate all types of equipment
- Operate direct reading and lab analysis equipment
- Interpretation of results

Module 6: Sampling Results and Extras

- Interpretation of results
- Quality of Service
- Equipment selection tips

Benefits to Expect From Industrial Hygiene - Strategy for Sampling Course

Hands-on use of equipment
Lots of real life stories, case studies and scenarios

Develop knowledge, understanding and skills to take back and use
Highly energetic and dynamic learning environment

Call us or visit our website for more information about our wide range of services:
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Email: ekginc@ekginc.com

COURSE REGISTRATION FORM

Attendee(s): Please list additional names on separate copies made from this registration form.

Name

Title

Company

Preferred Mailing Address

City

Province

Postal Code

Telephone

Residence

Cell

Fax

Email

Course Registering for:

Course Name

Course Date

Course Cost

Plus HST (13%)

Total Amount Due

Registration Code:

PAYMENT METHOD: (Payment must be received before the course start date.)

Cheque/Money Order (Payable to: *EK Gillin & Associates Inc.*)

Credit Card MC VISA

Card Number: _____ Exp. Date _____ / _____

Authorized Signature: _____

Purchase Order # _____ (Must be received in advance of the course)

Accounts Payable Personnel:

Telephone #:

Extension:

Please note any special dietary needs

Fax registrations to (519) 662-6595 or email to training@ekginc.com.

How did you hear about this course? (please circle)

Website

Personal Referral

Email

E-Newsletter

Hard-Mail