

Strategies in the Assessment and Control of Volatile Compounds (VOCs)

Course Overview:

Volatile Organic Compounds are present or produced in many modern processes in the workplace. The assessment of VOCs is often further complicated due to more than one VOC being present, multiple routes of entry that must be considered, as well as acute and chronic effects.

This is a full day workshop for intermediate Occupational Hygienists to learn about the toxicokinetics of VOCs and how to apply this to the assessment and control of exposure. The workshop delivered by Certified Occupational Hygienists will include hands on practice in assessment techniques with equipment such as -PIDs.

Aims

- Understand the toxicokinetics of common VOCs.
- Understand the techniques for qualitatively and quantitatively assessing exposure to VOCs in the workplace.
- Understand the benefits and limitations of controls used to minimise VOC exposure.

You will learn:

- The toxicokinetics of common VOCs.
- To assess the risk of exposure to VOCs using qualitative and quantitative methods.
- To select the appropriate methodology for risk assessment of VOCs exposure and devise suitable sampling strategies that include the use of real time instruments.
- To apply control measures to VOCs exposure and assess their effectiveness.