



## Occupational Hygiene (Part 2)

*and its role in protecting  
worker health by controlling  
workplace hazards that  
can cause harm*

***Please take note of the new  
format and timing of the meeting***

- 10.00 am - Presentation (inc recap of Part 1)
- 10.45 am - Networking/refreshments
- 11.15 am - Case studies/good practice
- 12 noon - finish

Often the risks from health hazards present in the workplace are not readily apparent, recognised or understood. They can cause significant ill health effects, in the short and long-term, often with a long delay. Only by ensuring the hazards are identified, assessed (including measurement, where appropriate) and controlled to suitable level can employers satisfy their duty of care to employees.

In the second of his Occupational Hygiene presentations (the first was on Monday 13th June - the recording can be viewed at a link on page 2) Connor McGimpsey, Senior Occupational Hygiene and Safety Consultant from Mabbett Associates will delve into the world of an occupational hygienist and look at the role they play alongside Health & Safety professionals.

Importantly, using his experience monitoring across a wide range of industries, Connor will outline (using real-life case studies and relevant good practice resources) how occupational hygiene can identify issues/problems, collate and analyse data, and create solutions.

Connor will cover in his first presentation:-

- Recap of first (June) presentation
- Approaches to occupational hygiene monitoring
- When detailed surveys are/are not required
- Interpreting reports
- Sourcing competent advice

The second presentation will provide a range of case studies/examples of proven controls across processes with known risks across industry, for example:

- Welding
- CNC machining
- Woodworking
- Construction dust
- Food industry dusts

PTO for further details and booking.

## HYBRID MEETING DETAILS

In person attendance - Max 40

Online attendance - Max 1000

**DATE:** Monday 15th August 2022  
**TIME:** 10.00 am (ends 12 noon)  
**VENUE:** CITB, Nutts Corner Training Centre, 17 Dundrod Rd, Crumlin BT29 4SR  
or Online  
**SPEAKER:** Connor McGimpsey, Senior Occupational Hygiene and Safety Consultant, Mabbett

[Book your place/s here](#)

Our booking form has changed and now asks you to indicate whether you will be attending in person or online, and we would ask that you adhere to the choice you have made.

*Like all NI Safety Group meetings this meeting is*

**FREE**

*And as always everyone is welcome whether a NI Safety Group member or not.*

[Link to 1<sup>st</sup> presentation](#)

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### Occupational Hygiene v Occupational Health

- Occupational hygiene is the science-based discipline of identifying, assessing and controlling exposure to harmful substances in the workplace, such as asbestos and cement dusts, welding fumes and gases, and spray-painting mists, with the objective of proactively protecting worker health.
- Occupational health is the term used for managing the effect of work on the health of individual employees, and the effect an employee's health may have on their ability to conduct his/her work.

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### Monitoring Exposure

30min  
Overseas  
Blowdown  
Zone

LOM  
Staircase  
Zone

MDHS14/4

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### Dose and Effect

↑ Increasing exposure

THRESHOLD

→ Increasing effect

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