

OXYL8

OCCUPATIONAL HYGIENE FOUNDATION MODULE

**14th—16th Nov 2016
 Scotland (Special)**

**6th—8th March 2017
 (Leicester M1)**

**3rd—5th Oct 2017
 (Scotland)**

Faculty of Occupational Hygiene
BOHS
 Approved Training Provider

3 Day course

BOHS Certificate

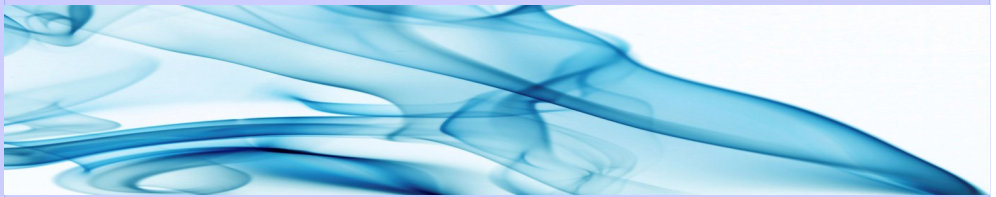
Foundation Occupational Hygiene Qualification

ILEVE Approved Qualification

Oxyl8 are pleased to announce this new foundation course from the International Occupational Hygiene Training Association (OHTA) for which BOHS is the UK examining board.

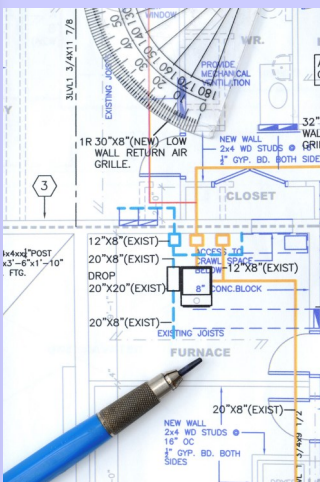
W201 is an introductory course outlining the broad principles of Occupational Hygiene as the basis for anticipation, recognition, evaluation and control of hazards that can be encountered in the workplace.

The course will be run as a 3day event with 2½ days classroom teaching and he final ½ day for exam assessment etc



For those considering membership of ILEVE, W201 also satisfies the requirements of the ILEVE Occupational Hygiene Module

Comprehensive course handout and support material pack provided to all delegates.



Course Tutor:

Bill Cassells

BSC MPhil CEng CMIOSH FI-PlantE FRSH FSOE

- Professional training course venues
- Highly experienced and engaging tutor
- Post course delegate support
- Recognised foundation Occupational Hygiene qualification
- Satisfies ILEVE Occupational Hygiene Module requirements
- Stepping stone gateway to career in Occupational Hygiene
- Provides broader understanding of Occupational Hygiene to non-Occupational Hygienists



Training course costs: £885 (+VAT) plus exam fee of £160 (+VAT)

Learning Outcomes

On successful completion of this module the delegate should have a basic understanding of:

- The value of occupational hygiene and the role of the occupational hygienist
- The range of hazards [physical and chemical] in the workplace
- Hazard recognition techniques
- Sources and potential routes of exposure
- Hazard evaluation, exposure assessment and the measurement processes
- Methods of controlling exposure
- The management of occupational hygiene programmes

Course Information

There are no educational pre-requisites for this course. It will run as a 3 day taught course [minimum teaching hours 21 including practical sessions] with revision/homework questions each evening.

There will be a 20 short answer question “open book” examination on the last afternoon with an allowed time of 60 minutes.

Intended Audience

LEV Plant Designers, Examiners & Testers, Health and Safety professionals, Occupational health specialists (including physicians and nurses). Specialists in subjects such as acoustics, ergonomics, human factors, occupational psychology, work, organisation, biosafety, acoustics, engineering, or analytical chemistry who want a broader appreciation of how their role interfaces with other professions over health issues in the workplace.

Course Content

1 Introduction

Definition of Occupational Hygiene. History and background of the development of Occupational Hygiene. The importance of Occupational Hygiene today.

2 Human Physiology

An introduction to the physiology of the human body and how it can be affected by occupational exposure to chemical and physical agents.

3 Chemical Hazard Recognition

Basic principles of risk assessments, definitions of hazard and risk with brief mention of expert systems and control banding.

4 Physical Hazards Recognition

- Noise and Vibration
- Thermal stress,
- Introduction to the electromagnetic spectrum and the various bands of non-ionizing radiation.
- Lighting and assessment in the workplace
- Ionising radiation
- Introduction to musculoskeletal injuries, ergonomics and the role of the ergonomist

- Overview of the hazards associated with the use of Display Screen Equipment

5 Hazard Evaluation

- Measurements [vapours, gases aerosols and dust using techniques for sampling]
- Analytical methods
- Hygiene standards and occupational exposure limits
- Units of measurement, time-weighting, simple calculations/algebra
- Compliance with statutory limits
- Introduction to principles of epidemiological principles
- Standard setting
- Biological monitoring and Health Surveillance
- Noise measurement
- Measurement of the thermal environment
- Introduction to principles of assessment of vibration
- Introduction to principles of assessment of lighting and non ionising radiation
- Introduction to principles of assessment of ionising radiation
- Introduction to principles of ergonomic risk assessment

6 Control of Hazards

Outline of the main elements within the hierarchy of control:-

- Elimination of the hazard
- Substitution or change of form of material
- Enclosures and process design
- Basic principles of General Ventilation and Local Exhaust Ventilation
- Personal protection [PPE, RPE and hearing protection etc.]
- General ventilation and air conditioning

Assessment

The overall assessment for this module consists of an “open book” written examination of 20 short answer questions to be answered in 60 minutes. The questions require candidates to write short answers which will require no more than the box provided but may include multiple answers. Some questions may require calculations.

Successful completion of the examination will result in a BOHS certificate being awarded.

To Make a Booking?



Visit our website at www.oxyl8training.com and follow the links from the front page



Email your booking to: admin@oxyl8.com

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