

W507—Health Effects of Hazardous Substances



Course Overview:

The W507 – Health Effects of Hazardous Substances course is an internationally recognised module, delivered by Robson Environmental, which forms part of the Occupational Hygiene Training Association (OHTA) international training scheme and qualifications framework. The assessment, examination and award is provided by the British Occupational Hygiene Society (BOHS). Upon successful completion of the course, a formal certificate is issued to candidates directly by BOHS.

Objectives:

This module provides an introduction to the principles of toxicology, physiology and epidemiology. This course will cover the main types of harmful effects to target organs from exposure to chemical hazards at work, and the hazards associated with common hazardous substances.

Topics Covered:

- Basic principles of toxicology
- Physiology and target organs
- Epidemiology
- Health effects and industrial processes

Learning Outcomes:

On completion of this module, candidates will be able to:

- Provide definitions of commonly used toxicological terms
- Describe the main routes by which hazardous substances can enter the body and the factors which influence their absorption, distribution, storage and elimination
- Describe the main sources of information on hazardous substances and processes
- Recognise hazardous substances in the workplace
- Describe the main features on the principal target organs effected by hazardous substances at work, and the factors which influence the degree of harm
- Describe the main routes of exposure and toxic and health effects for hazardous substances commonly encountered in the workplace
- Undertake basic interpretation of the results from epidemiological studies

Pre-requisites:

This is an intermediate level course that requires candidates to complete a practical and written assessment.

Assessment:

The overall assessment for this module consists of an open book written exam of 40 short answer questions to be answered in 120 minutes and a formative practical assessment. Some questions may require calculations



DURATION:

5 days (approx 45 hours)

VENUE:

Robson Environmental
1 / 140 Gladstone Street
Fyshwick ACT 2609
Alternative venues to be advised

DELIVERY METHODS:

- Trainer led discussion and demonstration
- Multimedia presentations and sample examination
- Group discussion
- Group activities

WHAT'S PROVIDED:

- Course handouts
- Morning, afternoon tea & lunch are catered for
- Facilities for disabled parking and access
- Parking

COURSE FEE:

\$1,980 per person
Group bookings of 10 or more participants will attract a 10% discount
Please note: Payment is required prior to course commencement.

PAYMENT OPTIONS:

Mastercard, VISA
Cheque
Bank Deposit
Cash
Purchase Order

BOOKINGS:

For course dates and to make a booking, please contact the Training Department on 02 6239 5656 or training@robsonenviro.com.au

