

W505—Control of Hazardous Substances



Course Overview:

The W505 – Control 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 course will allow candidates to describe the ways in which exposure to hazardous substances arises in the workplace, and introduces the methodologies and technologies available to control exposures and therefore reduce risks to health from exposure to hazardous substances.

Topics Covered:

- Hazardous substances use and processes
- Workplace control principles
- Process design and principles
- Ventilation systems and performance assessment
- Personal protective equipment (PPE)
- Administrative elements

Learning Outcomes:

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

- Describe how airborne contaminants are generated by industrial processes, how this impacts on the control strategy, and how control solutions can thereby be optimised
- Recognize the range of approaches to risk reduction embodied in the hierarchy of control and select appropriate strategies for implementation
- Describe the meaning of 'adequate control', particularly in relation to personal exposures
- Discuss the importance of design considerations in terms of the workplace, process, and plant, as a means of reducing occupational exposures
- Describe the principal elements of a local exhaust ventilation system, give examples of typical installations and how to carry out the necessary measurements to assess whether a local exhaust ventilation system is effective and operating to the design specification
- Recognise the limitations of local exhaust hoods and enclosures and the means to optimise their effectiveness
- Describe how personal protective equipment programmes may be used in an effective manner
- Recognize the impact that control measures may have on other workplace hazards and understand the need to take a holistic approach to the design of control solutions

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

