



W-507: HEALTH EFFECTS OF HAZARDOUS SUBSTANCES GOLDER OCCUPATIONAL HYGIENE TRAINING COURSES (OHTA) MODULE

As an OHTA approved training provider, Golder Associates offers some of the most comprehensive Industrial Hygiene (IH) training available globally. Golder workshops are characterised by discussion of practical IH issues encountered by Environment, Health and Safety (EHS) professionals in everyday life, and real life scenarios reflect the presenters' experience on hundreds of field projects.

COURSE SUMMARY

Module W-507: Health Effects of Hazardous Substances covers hazardous substances use and processes, workplace control principles, process design and principles, ventilation systems and performance assessment, personal protective equipment and administrative elements.

Learning Objectives

- 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
- Describe the main features of the principal target organs affected 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
- Basic interpretation of the results from epidemiological studies

CERTIFICATES AND EDUCATION CREDITS

All participants will receive:

- A Certificate of Completion from Golder upon completion of the course.
- Industrial Hygiene Education credits of up to 40 IH education credit hours. These credits can be used when applying for the Certified Occupational/Industrial Hygienist (COH/CIH) examination.
- Up to 5.85 COH/CIH certification maintenance points for attendees who are already certified.

COURSE FEES

Members – ACTRA, IOHA, ABiH, BOHS, ACGH, AIHA
\$1,800 per person AUD ex GST (\$1,980 inc GST)

Non Members
\$1,980 per person AUD ex GST (\$2178 inc GST)

Course fees include:

- Hard copy of slides and manual
- British Occupational Hygiene Society (BOHS) examination fee
- All lunches and refreshment breaks

LOCATION

Golder Associates
Level 3, 1 Havelock Street, West Perth, Western Australia 6005

The OHTA program is supported by the IOHA, BOHS, ABIH, ACTRA and a number of other International organisations (CRBOH, CBRSP (and US equivalent)).

ABOUT THE OHTA PROGRAM

The Occupational Hygiene Training Association (OHTA) offers an internationally recognised industrial hygiene training program. The program is recognised by the International Occupational Hygiene Association (IOHA) and by its various member organisations. Upon completing any of the modules and passing the exam, participants will receive an internationally recognised certificate that can be used to build competence in IH, as well as 40 IH education credit hours or 5.85 COH/CIH maintenance points.



INDUSTRIAL HYGIENE TRAINING COURSE

W:507 – HEALTH EFFECTS OF HAZARDOUS SUBSTANCES



LEAD PRESENTER

DR PETER DI MARCO,
Principal Toxicologist

Peter Di Marco is a Principal and Principal Toxicologist at Golder Associates. He was inducted as a Fellow of the Academy of Toxicological Sciences in 2002 and is the current President of the Australasian College of Toxicology and Risk Assessment (ACTRA). Peter specialises in toxicology, health risk assessment, and biological monitoring. He has over 25 years' experience in research, teaching, chemical regulation and management of environmental issues. Peter has a unique understanding of the legislative, health risk assessment and community consultation requirements within the environmental and occupational regulatory.



PRESENTER

KIRK THOMSON,
Certified Industrial Hygienist and
Principal Hydrogeologist

Kirk Thomson is a Certified Industrial Hygienist and Principal Hydrogeologist with Golder Associates. He has almost 30 years of environmental consulting and engineering experience and over 25 years of environmental project management and senior review experience. Kirk has extensive experience in environmental compliance, auditing, permitting, unsaturated zone monitoring, groundwater monitoring and remediation. He is a specialist in contaminant hydrogeology and has managed over 1000 site assessment and remediation projects including contracts supporting United States Environmental Protection Agency (USEPA) and Navy CLEAN Programs.



PRESENTER

DR MARTYN CROSS,
Senior Occupational Hygienist

Martyn Cross is a Senior Occupational Hygienist at Golder Associates. He has an honours degree in Toxicology, a Master of Public Health, and lectures in Post Graduate Occupational Health and Safety at Edith Cowan University. Martyn's expertise and skills span many aspects of occupational health and safety in a variety of industries. He has extensive experience in the identification of occupational hygiene issues, and developing and implementing monitoring programs for biological, physical and chemical agents. He also provides training, auditing and strategic advice to companies to assist in the development, implementation and improvements to their Safety Management Systems.



SARAH MCKIERNAN,
Senior Toxicologist

Sarah McKiernan is an Associate and Senior Toxicologist at Golder Associates. She has over 15 years experience in the assessment of impacts on human and non-human biota in environmental impact assessments, contaminated site risk assessment, toxicology and risk management. Sarah has worked with regulatory authorities, mining and manufacturing companies and land developers on remediation and management, biomonitoring, risk assessment, air monitoring and community consultation projects. She is a Committee Member of the Australasian College of Toxicology and Risk Assessment (ACTRA).

COURSE LED BY GOLDER ASSOCIATES IN COLLABORATION WITH:



OH-Learning is the global portal of Industrial Hygiene training, recognised by the IOHA (International Occupational Hygiene Association).



The British Occupational Hygiene Society (BOHS), founded in 1953, is one of the biggest occupational hygiene societies in the world. We are both a professional organisation representing occupational hygienists, and a learned body, teaching professional and public awareness of occupational hygiene and the underpinning medical, scientific and engineering issues.



Since 1960 has been the world's largest, premier organisation for certifying professionals in the practice of industrial hygiene. ABIH is responsible for ensuring high-quality certification application and examination processes, certification maintenance and ethics governance and enforcement.

AWARD WINNING INDUSTRIAL HYGIENE COURSE PROVIDER

In 2011, Golder Associates won a Environmental Business Journal Award for Industry Leadership in IH certification for training over 300 IH professionals worldwide in two years. The training is to accommodate the global demand for industrial health expertise and more than 75 major companies have enrolled employees in Golder courses to achieve international IH certification. Golder is one of the first organisations approved to provide such training, based on its qualifications, track record in IH education, and qualified and experienced instructors.

PLEASE RETURN REGISTRATION FORM TO

Gemma Broadby
gbroadby@golder.com.au
P +61 8 9213 7600
F +61 8 9213 7611

**Closing date for registration:
2 November 2012**

WHEN AND WHERE

Perth 9am-5pm
12-16 November 2012
Golder Associates
Level 3
1 Havelock Street
West Perth WA 6005

REGISTRATION

- ACTRA, IOHA, ABiH, BOHS, ACGH, AIHA. Members \$1,800 per person AUD ex GST (\$1,980 inc GST)
- Non members \$1,980 per person AUD ex GST (\$2,178 inc GST)

Registration includes: hard copy of slides and manuals, BOHS examination fee, and all lunches and refreshment breaks.

Company name

Postal address

Purchase order number (if required)

ATTENDEE ONE

Name

Title

Member number (if applicable)

Email

Phone (work)

Phone (mobile)

ATTENDEE TWO

Name

Title

Member number (if applicable)

Email

Phone (work)

Phone (mobile)

ATTENDEE THREE

Name

Title

Member number (if applicable)

Email

Phone (work)

Phone (mobile)

PAYMENT IS REQUIRED IN FULL PRIOR TO THE COMMENCEMENT OF THE COURSE.

INVOICES WILL BE FORWARDED UPON RECEIPT OF REGISTRATION.



FOR FURTHER INFORMATION CONTACT:

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