
SHORT COURSE INDUSTRIAL HYGIENE

Date: 30 November – 5 December 2009 (Mon to Sat)



Organised by:

Department of Epidemiology and Public Health
Yong Loo Lin School of Medicine
National University of Singapore

A member of National University Health System

COURSE OBJECTIVES

This course provides an intensive and comprehensive review of industrial hygiene. Safety and health professionals who need refresher or are seeking an all inclusive review of industrial hygiene at the workplace will benefit significantly from the course content. Attendees should have a basic understanding of industrial health, mathematics, statistics and chemistry.

COURSE CONTENT

- Topics include:
 - (1) History and Development of Industrial Hygiene/Module Introduction
 - (2) Chemical Safety
 - (3) Aerosols, Gases and Vapours
 - (4) Calculations, conversions and statistics
 - (5) Ionising & Non-ionising Radiation
 - (6) Air Sampling: Hygiene & Analytical Chemistry
 - (7) Ventilation: Practical Applications, Design & Calculations
 - (8) Hygiene Assessments of Biohazards
 - (9) Thermal Stressors
- Workplace visit

WHO SHOULD ATTEND

Safety, Health and Environment Officers, Designated Factory Doctors, Occupational Health Nurses, industrial Hygienists, EHS Managers / Professionals and those with responsibility for the control and management of health hazards at the workplace.

External participants in the short course will be given the ACGI (American Conference of Governmental Industrial Hygienists) booklet.

The information in this user-friendly, pocket-sized publication is used worldwide as a guide for evaluation and control of workplace exposures to chemical substances and physical agents. Threshold Limit Value (TLV[®]) occupational exposure guidelines are recommended for more than 700 chemical substances and physical agents. There are more than 50 Biological Exposure Indices (BEIs[®]) that cover more than 80 chemical substances.

Chemical Abstract Service (CAS) registry numbers are listed for each chemical. Introductions to each section and appendices provide philosophical bases and practical recommendations for using TLVs[®] and BEIs[®].

TEACHING FACULTY

The course will be taught by academic staff members of the National University of Singapore and guest lecturers with extensive research, teaching and working experience in the discipline.

National University of Singapore:

- Mr. Tan Kia Tang, Adjunct Associate Professor, Department of Epidemiology and Public Health
- Dr. Tham Kwok Wai, Associate Professor, Department of Building

From external organisations:

- Dr. Park Doo Yong, Professor, Industrial Health Department of Hansung University, Korea and former Director General, Occupational Safety & Health Research Institute, KOSHA.
- COL (Dr) Robin Low, Chief Air Force Medical Officer, Singapore Armed Forces.
- Ms. Veronica Chow, Industrial Hygiene Engineer, Ministry of Manpower.

COURSE FEES

S\$1,160 (Inclusive of 7% GST)

Course fees include lecture materials, computer lab usage and your very own copy of the latest TLV edition.

Applications are on a “first - come - first - serve” basis. Successful applicants will be informed by 2nd November 2009 and course fees must be received by 30th October 2009 to secure a place.

CANCELLATION CLAUSE

- Any cancellation must be conveyed to the course administrator in writing via email.
- A cancellation charge of 50% of fee will be levied if the cancellation is received before 16th November 2009.
- The organiser reserves the right to cancel the course and fully refund the fee in the event of unforeseen circumstances.
- **NO REFUNDS WILL BE GIVEN FROM 16th NOVEMBER 2009 ONWARDS but replacement with another name is permissible.**

ACCOMMODATION

The course is non-residential. Participants from abroad who need accommodation may contact the course administrative coordinator (Ms Moira Soh) who will assist you with further information and booking for hotel or campus hostel accommodation.

Further enquiries may be directed to:

Course coordinator: Adjunct Assoc Prof Lee See Muah
Tel: 6516 4975 Email: ephism@nus.edu.sg

Administrative coordinator: Ms Moira Soh
Tel: 6516 4959 Email: ephsm@nus.edu.sg

Website: www.med.nus.edu.sg/cof/sc_main.html

SHORT COURSE INDUSTRIAL HYGIENE

REGISTRATION FORM (Basic Course) - Closing date: 30th October 2009

Name: Prof / Dr / Mr / Mrs / Ms : _____

MCR No.: (For Medical Doctor Only) _____

Designation: _____

Organisation: _____

Mailing Address: _____

Telephone: _____ Mobile : _____

Fax: _____ Email: _____

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Course Fee: S\$1,160.00 (inclusive of 7% GST)

Total: S\$1,160.00 Cheque No: _____
(Cheques should be crossed and made payable to "National University of Singapore")

Billing Information

Please note that the billing information cannot be changed once the invoice is generated.

Payment by (please tick one): Self Employer*

***For payment by Employer only**

Please fill in Contact person details. **An official letter from the participant's employer stating approval of employee's participation and sponsorship of course fee must be attached with this form for billing purposes.**

Contact Person: _____

Telephone: _____ Fax: _____

Email: _____

Company Name: _____

Billing Address: _____

I hereby declare I have taken notice of the payment and cancellation policies outlined.

Signature

Date

Please mail this form with payment or Letter of Sponsorship (only for payment of course fee by Employer) enclosed to:

**The Course Coordinator
Short Course - Industrial Hygiene
Department of Epidemiology and Public Health
National University of Singapore
16 Medical Drive
Block MD3, Level 3 General Office
Singapore 117597**

For official use:

Date received: _____ Customer ID: _____

Payment received: Yes / No (Remarks: _____)