

Occupational Hygiene Training Association (OHTA)

▶ INDUSTRIAL HYGIENE TRAINING COURSE

Shanghai, China
27-31 August, 2012



OHTA W-504 ASBESTOS AND OTHER FIBERS 石棉及其他纤维

DATE

27 AUGUST – 31 AUGUST 2012

VENUE

NIKKO SHANGHAI HOTEL
488 WEST YAN AN ROAD
SHANGHAI



PRICE

CNY 6,980 /USD 1,090
(FEE INCLUDES TUITION, PRINTED MATERIALS, EXAM/CERTIFICATE FEE OF USD150, LUNCHEAS AND REFRESHMENTS)

LANGUAGE

CHINESE & ENGLISH

HOST BY

GOLDER ASSOCIATES CONSULTING LIMITED

日期:2012年8月27-31日

地点:上海日航酒,上海市延安西路488号

价格:人民币6,980/位(费用包括培训费,材料费,考试及证书费用人民币950/美元150,5天的午餐和茶歇)

语言:中文和英文

组织:高达(上海)工程咨询有限公司

This module enhances the student's knowledge of occupational hygiene practice in relation to fibrous dusts. The module concentrates on asbestos, but other fibres, e.g. man made mineral fibres, which are increasingly used in industry are also covered.

Successful completion of this module will benefit those working in mainstream occupational hygiene, giving an understanding of the health risks associated with asbestos and other fibres as well as the means of evaluation and control.

W-504模块着力于强化EHS专业人员对纤维物质危害的技术及管理水平,主要关注石棉,也包括其他纤维(如人造矿物纤维等)。

此课程将帮助工业卫生人士识别、评估及控制石棉等纤维类物质的健康危害。



Golder Associates is a global firm providing ground engineering and environmental, health, and safety services. In Asia, we provide some of the most comprehensive Industrial Hygiene training available.

Golder Associates is an OHTA- approved training provider.

In 2011, the Environmental Business Journal recognized Golder's Occupational Hygiene Training Courses as an Industry Leader for training over 300 industrial hygiene practitioners.

INDUSTRIAL HYGIENE TRAINING COURSE

OHTA W-504 ASBESTOS AND OTHER FIBERS

DESCRIPTION

Extend knowledge of occupational exposure to fibrous dusts used in industry (asbestos, machine made mineral fibres, aramids, carbon, etc.), understand the health risks of asbestos and other fibres as well as the means of evaluation and control, apply these principals for asbestos consultants as well as OH professionals.

LEARNING OUTCOMES

Upon successful completion, attendees will be able to:

- Recognise the composition, nature and properties of asbestos, machine made mineral and other fibres and their historical uses
- Identify the health effects of asbestos and other fibrous materials and apply appropriate exposure limits
- Know the uses of asbestos in buildings and the public health risk that these may pose
- Conduct asbestos surveys: sampling, identifying bulk asbestos types by microscopic techniques and relevant safety requirements
- Adopt and recognise current good practice in the construction and use of enclosures for asbestos remediation and the use of the decontamination units
- Understand all the principles of clearance testing, the requirements for measurement and appropriate techniques for post remediation evaluation
- Conduct air sampling to determine airborne concentrations of asbestos and other fibres following recognised procedures including microscopic counting techniques
- Advise on all techniques for safe management of asbestos in buildings following good practice

UPON COMPLETION

- All participants receive a "Certificate of Completion" from Golder upon completion of the course (regardless of completion of the BOHS examination).
- Participants will receive a certificate from the BOHS after passing the exam.
- Participants will earn 40 contact hours of formal Industrial Hygiene training towards qualification to sit for the Certified Industrial Hygienist (CIH) exam.
- Other local and national accrediting associations have awarded points for this course.

BONUS SESSION INCLUDED - AUGUST 31

A 1.5-hr session "Asbestos Litigation in the US" will be provided by Dr. Jas Singh, CIH at no cost.

特别收获:

高达公司资深顾问Jas Singh博士将在本课程期间进行1.5小时讲座“美国的石棉诉讼”。此培训仅面向课程参加者，且不额外收取费用。

课程概述:

W-504模块着力于强化EHS专业人员对纤维物质危害的技术及管理水平, 主要关注石棉, 也包括其他纤维(如人造矿物纤维等)。 此课程将帮助工业卫生人士识别、评估及控制石棉等纤维类物质的健康危害。

学习成果:

- 理解石棉和其他纤维的组成、性质、应用历史。
- 理解石棉等纤维物质的健康危害, 使用合适的职业接触限值。
- 掌握建筑物石棉材料的使用以及导致的公众健康风险。
- 掌握石棉调查的原则和规范, 包括取样、分析技术及安全事项。
- 熟悉石棉修复过程中使用的密闭防护, 以及净化设施。
- 掌握石棉清除的检测原理, 修复后评估的方法。
- 进行石棉等纤维物质的空气采样与分析。
- 具备专业能力, 按专业规范指导石棉危害管理。

课程收获:

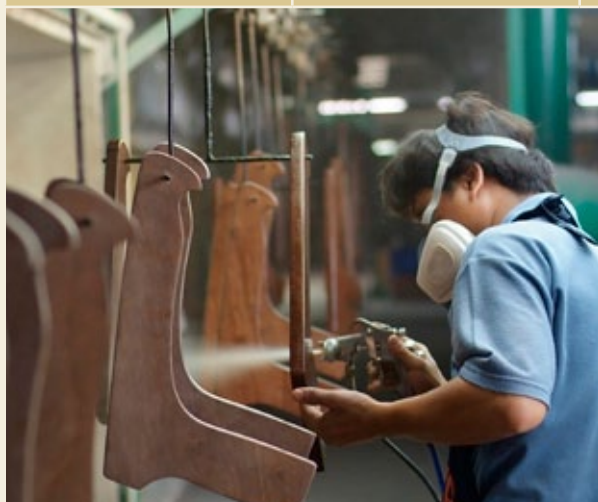
- 完成课程的参加者可获得高达公司颁发的证书。(无需参加BOHS考试)
- 完成课程并通过考试后, 参加者将获得由“英国职业卫生学会BOHS”颁发的证书。
- 准备参加CIH (美国注册工业卫生师)考试的人士可以获得40小时IH专业学时, 将有助于获得CIH考试资格。
- 其他的工业卫生人员资质认证机构认同此课程的学分。



INDUSTRIAL HYGIENE TRAINING COURSE OHTA W-504 ASBESTOS AND OTHER FIBERS

W-504 COURSE AGENDA “石棉及其他纤维” 课程大纲

27 AUGUST	28 AUGUST	29 AUGUST	30 AUGUST	31 AUGUST	
Introductions Course Overview 课程概述 Asbestos types and properties 石棉种类和性质 MMMF and other fibres 人造矿物纤维及其他纤维	Review of Overnight Questions 课后作业回顾 Asbestos surveys 石棉调查	Review of Overnight Questions 课后作业回顾 Asbestos removal- work specification & plan of work 石棉清除-工作方案与计划 Enclosures and decontamination 密闭与净化措施	Review of Overnight Questions 课后作业回顾 Asbestos bulk analysis 石棉固体样品分析	Review of Overnight Questions 问题回顾 Case Study 案例	
COFFEE					
Health hazards and exposure limits 健康危害与接触限值 Group discussion 小组讨论	Bulk sampling 固体样品采样	Removal technique 石棉清除技术 Asbestos removal scenarios 石棉清除案例	Fibre counting 纤维计数	Practical assessment 实践考试	
LUNCH					
Approaches to eliminating asbestos related diseases 消除石棉相关疾病 Respiratory protection and protective clothing 呼吸防护及防护服	Risk assessment of asbestos containing materials 含石棉物质风险评估	Types of air monitoring, sampling procedures, clearance certification 空气采样的类型, 方法, 清除后验证	Case study 案例	Written Exam 书面考试	
COFFEE					
Asbestos product types, uses in buildings 建筑物使用的石棉制品	Management of asbestos containing materials 含石棉物质管理	Air sampling and analysis techniques 空气采样与分析技术	Case study 案例		
Overnight Questions 课后作业	Overnight Questions 课后作业	Overnight Questions 课后作业	Mock Examination 模拟考试		



ABOUT THE CERTIFICATION PROGRAM

The Occupational Hygiene Training Association (OHTA) has begun offering an internationally recognized industrial hygiene certification program. The program is recognized by the International Occupational Hygiene Association (IOHA) and by its various member organisations.

There are seven different five-day training modules upon completing any of the modules; participants will receive an internationally recognized certification recognizing competence in the module topic. Certification is available in each of the seven different module topics.

for more information visit www.ohlearning.com

INDUSTRIAL HYGIENE TRAINING COURSE

OHTA W-504 ASBESTOS AND OTHER FIBERS



DR. JAS SINGH, CIH **INSTRUCTOR, GOLDER IH** **COURSE DIRECTOR**

Dr. Jas Singh has over 30 years of experience providing Industrial Hygiene consulting to Governmental, Industrial and Institutional organizations in the USA and abroad. Dr. Singh has served on the Board of Directors of the American Industrial Hygiene Association (AIHA) as well as on the Board of the American Board of Industrial Hygiene (ABIH). He was the past President of the Academy of Industrial Hygiene (AIH).

高达工业卫生课程总监

Jas Singh 博士, CIH, 国际知名的工业卫生专家。作为高达公司的高级顾问, 他拥有30多年的工业卫生相关经验, 曾为美国及其他国家多个政府机构、企业、组织提供专业咨询服务。Singh博士曾担任美国工业卫生协会(AIHA)理事和美国工业卫生学会(ABIH)理事。2005年, 鉴于他在工业卫生领域作出的杰出贡献, Singh博士获得美国工业卫生学院(AIH)颁发的“Henry Smyth”奖项, 同年获得AIHA颁发的“杰出贡献奖”。他是AIH的上一任主席。Singh 博士在中国具有丰富的工业卫生项目和培训经验。



WILLIAM ZHU, CIH **INSTRUCTOR**

Mr. Zhu is Senior IH Consultant at Golder Shanghai office. He has conducted a number of IH assessments, audits and training for multinational clients in China. Mr. Zhu was profiled in the AIHA Synergist. He holds a master degree in occupational health from Fudan University.

高级工业卫生顾问

朱先生是高达公司工业卫生高级顾问。他为众多跨国企业提供工业卫生评估、审核、培训、咨询、支持服务。具有公共卫生执业医师资格, 是医学学士、职业卫生硕士。朱先生具有丰富的石棉项目经验。



MAGGIE ZHU, CIH **INSTRUCTOR**

Ms. Zhu is Senior IH Consultant at Golder Shanghai. She has extensive experiences in IH assessments, audits and training. She is familiar with Chinese regulatory requirements and professional guidelines. Ms. Zhu holds a master degree in occupational health from Fudan University.

工业卫生顾问

朱女士是注册工业卫生师(CIH), 高达高级工业卫生顾问, 职业卫生硕士。她在职业危害识别、风险评估和控制、工效学等方面具有丰富经验。她曾经参与国家职业卫生标准的起草, 熟悉国内法规和专业规范。



VINCENT ZHANG, CIH **INSTRUCTOR**

Mr. Zhang has conducted a variety of industrial hygiene projects for multinational clients in China. Before joining Golder he worked at local CDC. He has bachelor degree in Preventive Medicine from Fudan University.

工业卫生顾问

张先生是注册工业卫生师(CIH), 高达公司工业卫生顾问, 预防医学学士。他为众多跨国公司提供工业卫生服务, 具有丰富的石棉项目经验。他曾在疾控中心工作五年。他在美国接受石棉培训并获得注册石棉承包商/监督员专业资质。



KANE WANG **DIRECTOR OF PHASE II & RCE** **SERVICES**

Mr. Wang has 20 years of experience in soil and groundwater remediation, Environmental Risk Assessment, Phase II due diligence assessments, asbestos survey and abatement. He has a master's degree in civil and environmental engineering from the University of Windsor, Canada. He is Michigan certified Asbestos Inspector.

高达中国Phase II & RCE总监

王先生拥有超过20年的工作经验, 包括环境修复工程、环境健康评估及审核、石棉调查与防治、环境风险评价、工程管理等。他具有美国密执根州的注册Asbestos Inspector资格, 已经完成了多个石棉调查、石棉空气采样和石棉清除项目。



NATHAN LIANG **SENIOR ENVIRONMENTAL** **CONSULTANT**

Mr. Liang has master degree in Environmental Ecology from Peking University. He has completed asbestos training in the US and has received the Michigan accreditation for asbestos contract/supervisor. He has completed asbestos abatement work for multinational companies in China.

高级环境咨询顾问

梁先生是高达上海办公室的高级环境咨询顾问, 在环境场地评估及修复领域有6年多的工作经验。他毕业于北京大学环境科学专业, 拥有生态学硕士学位。梁先生在美国完成了40个小时的石棉培训课程, 获得美国密执根州注册石棉承包商/监督员资格。

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SHANGHAI



REGISTRATION

For course registration information and listing of local recommended hotels in the area, please contact **Polly Li**.

To register for this course email or fax the form below to:

Polly Li

Email: PLi@golder.com

Telephone: [+86] (21) 6258 5522 ext. 105

Fax: +86 21-5213 2052



DELEGATES BOOKING FORM

YOUR DETAILS

Title	First name	Surname
Company		
Job title		
Email		
Postal address (including country)		

COURSE FEE

CNY 6,980 /USD 1,090

EXAM/CERTIFICATE FEE INCLUDED
LUNCH AND TEA BREAKS ARE INCLUDED
PRINTED MATERIALS ARE INCLUDED
LANGUAGE: CHINESE & ENGLISH

- REGISTER ADDITIONAL DELEGATES FROM YOUR COMPANY TO RECEIVE 10% DISCOUNT OFF THE COURSE FEE.
同一公司两人或以上报名同一课程, 可享10%优惠, 或;
- REGISTER ONE MONTH IN ADVANCE TO RECEIVE 10% DISCOUNT OFF THE COURSE FEE.
在截止日期前一个月报名, 可享10%优惠, 或;
- REGISTER PAST ATTENDEES OF GOLDER IH TRAINING COURSES TO RECEIVE 10% DISCOUNT OFF THE COURSE FEE.
曾有参与过高达其他IH培训, 可享10%优惠。
(discounts do not apply to exam fee, 考试费用不计算在优惠中。)

PAY BY CASH OR BANK TRANSFER:

Account 账户: 高达(上海)工程咨询有限公司

Address 地址: 上海市南京西路555号301室

Bank 银行: 汇丰银行上海分行

Address of Bank 银行地址: 上海市浦东新区
银城东路101号汇丰大厦底楼

RMB Account No. 人民币账号: 721073328001

US\$Account No. 美元账号: 101-073328-056

CLOSING DATE FOR REGISTRATION AUGUST 20TH, 2012

A receipt will be issued upon receipt of booking form and full payment.



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