



CHEMICAL SPILL & SPLASH HANDLING

Awareness Training Program

HRDF

www.zohlgroupp.com

COURSE CODE: H-SHE-01

LEVEL: Basic to Intermediate

LANGUAGE: Bahasa & English

OVERVIEW

Chemical spill and splash are far more common occurrences than the public generally realizes. Accidental chemical spill and splash can happen at any time and may cause acute and chronic detrimental health and environmental effects. This risk can be identified, controlled and minimised by adapting to a well planned chemical spill and splash handling team and procedure. This training module is designed for individuals who are involved in chemical handling at their workplace and hazard management (HAZMAT) team who are delegated for chemical spill and splash handling responsibilities.

OBJECTIVE

By the end of this course, participants will be able to:

- Learn the correct and safe way of handling, storing and disposing chemicals and its wastes at their workplace
- Understand the C&WSDS (Chemical & Waste Safety Data Sheet) elements and the usability
- Assist Organization in developing a Chemical Safety Program
- Guide Organization on the techniques and procedures to avoid and prevent chemical related accidents or illnesses
- Know the safe and correct way of responding to Chemical & Waste Spill
- Know the way to manage schedule waste in accordance with EQA 1974 (Scheduled Waste Regulation 2005)

COURSE DURATION

2 days (9am—5pm)

Tea Breaks: 10:30am & 3:30pm | Lunch: 1:00pm-2:00pm

Note: Please contact our office for Training Date or visit our website for details (www.zohlgroupp.com)

METHODOLOGY

This program will be conducted with:

- Interactive Lectures using PowerPoint presentation
- Discussions | Practical Exercise | Case Study | Video Presentation

TARGET AUDIENCE

This program is suitable for employees involved in chemical-related work, Line Supervisors, Executives, Chemical Waste Handlers, Safety & Health Committee Members (Executive Level and above)

LOCATION

Mindset Discovery Center™@ZOHL, M2-6-08, Level 6, 8trium Tower 2, Bandar Sri Damansara, Kuala Lumpur (other Regions please contact our office)

KEY TAKEAWAYS

Upon completion of this program, the participants will be able to:

- ◆ Understand the methodologies for Chemicals and Scheduled Wastes Management
- ◆ Know the roles and responsibilities of Response Team & Individual
- ◆ Understand the procedure of Material Safety Data Sheet
- ◆ Understand the chemical emergency response procedures
- ◆ Understand and able to practice chemical clean-up procedures
- ◆ Develop in-house emergency response plan
- ◆ Improve on the skill of chemical spillage response procedures
- ◆ Comply with the above required regulatory requirements
- ◆ Identify, store and transport hazardous chemicals and scheduled wastes
- ◆ Understand the types of Chemical Spillages and Associated Health Hazards
- ◆ Understand the Spill Prevention and Control Plan
- ◆ Understand the Spill Response and Reporting Procedures

COURSE CONTENT

OVERVIEW OF SAFETY & HEALTH

- Introduction To OSH | Why OSH Is Important?
- Definition & Terminology | Hazard | Classes Of Hazards
- Risk | Causes Of Accident | Why Manage Safety?

STATUTORY REQUIREMENTS FOR CHEMICAL SAFETY IN MALAYSIA

- OSHA 1994- USECCH Regulation 2000
- EQA 1974- Schedule Waste Regulation 2005

INTRODUCTION TO CHEMICAL SAFETY

- Introduction | Hazardous Chemicals | Chemical Effect
- The Important Of Chemical Safety
- Chemical Used In Workplace | Definition
- Hazardous Chemical | Dangerous Good Classification
- Physico-Chemical Properties | Health Effects | Risk Phrase
- Safety Phrase | Chemical Adverse Effects
- How Do Chemical Get Into The Body?
- Representation Of Mechanism Of Toxicity
- Routes Of Entry | Concentration And Type Of Exposure
- Effect Of Toxic Substances | Evaluate Exposure

MANAGEMENT OF CHEMICALS HEALTH RISK AT THE WORKPLACE

- Permissible Exposure Limits
- Chemicals Health Risk Assessment
- Monitoring Of Exposure At The Workplace
- Health Surveillance & Medical Removal Protection

MANAGEMENT RESPONSIBILITIES FOR CHEMICAL SAFETY IN MALAYSIA

- Information: MSDS/CSDS/SDS
- Warning Signs & Record Keeping
- Personal Protective Equipment

SCHEDULED WASTES MANAGEMENT IN MALAYSIA

- Scheduled Wastes – Definitions & Characteristics
- Classification Of Scheduled Wastes
- Notification Of Scheduled Wastes
- Disposal Of Scheduled Wastes
- Treatment Of Scheduled Wastes
- Recovery Of Material Or Product From Scheduled Wastes

DEFINITION AND TYPES OF SPILLAGE

- Chemical Spillage – Definition | Causes Of Chemicals Spillage
- The 3 Types Of Chemical Spillage | Minor Spills
- Typical Minor Spills | Major Spills | Typical Major Spills
- Complicated Spills | Typical Complicated Spills

CHEMICAL SPILL RESPONSE & CLEAN UP PROCEDURES

- Preplanning Procedures | Type Of Commercial Spillage Kits
- Spillage Emergency Response Procedures | Liquid Chemical Spill
- Powder Chemical Spill | Control Plan | Discussion

SPILL RESPONSE PROCEDURES

- Practical Exercise

Note: Course Content subject to further review

Customized In-House Training Program is available in the following areas:

Administrative Skills | Career Development | Human Resources | Personal Development | Sales & Marketing | Leadership & Management | Workplace Essentials | Entrepreneurship | Soft Skills | HSE | Engineering | Telecoms | IT

CALL US FOR DETAILS or VISIT OUR WEBSITE AT WWW.ZOHLGROUP.COM



Sebarang pertanyaan sila hubungi Cik Niesa

ZOHL Consultancy Sdn Bhd (332967-D)(SST ID:W10-1810-32000429)

M2-15-02, Level 15, 8trium Tower 2, Jalan Cempaka SD 12/5

Bandar Sri Damansara, 52200 Kuala Lumpur

T: 03.6279.9276 F: 03.6279.0663 HP: 013.398.1038 E: training@zohlgroupp.com



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COURSE FEE

RM1,272 per person incl. 6% SST
(Fee inclusive of Course Material, Attendance Certificate, and Meals)

CERTIFICATE

Participants will be issued a Certificate of Attendance/Accomplishment upon successful completion of this training program. Full attendance is a pre-requisite.

CIDB CCD Points

20 (for CIDB-Registered Companies) & upon approval from CIDB

HRDF SBL KHAS

Claimable under HRDF SBL KHAS Scheme (for Companies contributing to HRDF)

REGISTRATION METHOD

1. **Online:** http://zohlgroup.com/hrdf_registration/ **OR**
2. Download this brochure at: <http://zohlgroup.com/all-brochures/> and fill up the required information. Then please fax to: 03.6279.0663
3. Or contact our office at: 03.6279 9276 / 013.398.1038

FACILITATOR

NG SOON KIANG is a Bachelor Degree holder of Chemistry with Minor in Management. He started his career as Production Shift Supervisor in a US-based medical glove manufacturer before moving to R&D line in an Australian glove manufacturer as an R&D Chemist over a total of 8 years. He then served as Senior Chemist in Quality Control Laboratory in Metal Smelting for 8 years and later moved to Wood-based Manufacturing Sdn. Bhd. as an R&D Manager.



The 16 years experience in science and technology has strengthened his grasp in both analytical thinking and quality practices. His conscience for quality products was nurtured through US FDA audits on medical products. He has co-developed a patented (patented in USA) hydrogel coating for surgical gloves. He has also developed pre-curing formulations for latex which was later used in the production of examination gloves with a capacity of 500,000 pieces per day. The time in MIECO was spent developing formulations for particleboard and paper laminates.

He held the position of head of department of R&D, EHS and Regulatory Affairs in Wood-based Manufacturing Sdn Bhd. During 2007 and 2008, he was the head of QA/QC department responsible for incoming, in-process and outgoing quality while attending to quality complaints. Since 2007 he has become the Management Representative for QMS, EMS, OHSAS, JIS and PEFC-CoC.

He clocked over 450 hours of external training mostly under CIDB. He has just been certified by HRDF as a certified trainer. The list of subjects specialized include:

- ISO 9001:2015 Awareness
- ISO 9001:2015 Internal Auditor Risk Management
- Time Management & 7 QC Tools

*Note: Trainer availability is subject to change



REGISTRATION FORM

Participant#1: _____

Position: _____

IC No: _____

Participant#2: _____

Position: _____

IC No: _____

Training Date: _____

Training Venue: _____

Organization: _____

Address: _____

Contact Person: _____

Position: _____

Tel: _____

Fax: _____

Email: _____

Company Website: _____

PAYMENT

CASH: RM _____ **OR**

CHEQUE No: _____

Please fax your bank-in slip to 03.6279.0663 or scan your bank-in slip and email to training@zohlgroup.com

*Please make your cheque payable to:

ZOHL Consultancy Sdn Bhd



Account No:
514392303373

Signature & Company Stamp

Note:

- Date & venue of seminar subject to changes
- Payment must be made 7 days before the training date
- Registration cancelled 7 days prior to the event is subject to RM100 service charge per participant
- No refunds for notice received less than 7 days prior to the event. A substitution may be made at any time at no extra charge.
- Program content may change subject to revision by our consultants from time to time.
- Full fee is required with your registration. 5% Group discount is available - min 3 pax.

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