



CHEMICAL SPILL AND SPLASH HANDLING

Safe Chemicals Handling And Spillage Management

CIDB

www.zohlgroup.com

COURSE CODE: NT-SHE-05 **LEVEL:** Basic to Intermediate

LANGUAGE: Bahasa & English

OBJECTIVES

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. In addition, each Department which stores or handles hazardous chemicals or toxic chemicals must have in place emergency plans and procedures for dealing with the spillage of these chemicals. Employees must be trained to react effectively and safely in the event of chemicals spillage or discharge. Safe handling of hazardous chemicals and scheduled wastes will ensure compliance with the Occupational Safety and Health (Classification, Labeling and Safety Data Sheet of Hazardous Chemicals) Regulations 2013, Occupational Safety and Health (Use and Standards of Exposure of Chemicals Hazardous to Health) Regulations 2000 and Environmental Quality (Scheduled Wastes) Regulations 2005.

LEARNING OUTCOMES

Main learning outcomes of this course:

- Demonstrate the fundamentals of safe handling of chemical (SHOC)
- Understand the legislative requirements and standards on SHOC
- Understand the adverse effects of chemical spill and splash
- Prepare and execute chemical spill and splash handling plan according to workplace requirement

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.zohlgroup.com)

METHODOLOGY

This program will be conducted with:

- Interactive Lectures using PowerPoint presentation
- Discussions
- Practical Exercise
- Case Study

TARGET AUDIENCE

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. Example:

- HAZMAT Team
- OSH Practitioners
- Laboratory Technician involved with chemical handling
- Workers who would be required to assist in the event of chemical spill and splash handling

LOCATION

Mindset Discovery Center™@ZOHL, Bandar Sri Damansara, Kuala Lumpur or Client's Preferred Location or selected venue in the Region(s)

KEY TAKEAWAYS

Upon completion of this program, 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

DAY 1

- **MODULE 1 - INTRODUCTION TO CHEMICAL HAZARD**
- **MODULE 2 - SAFE HANDLING OF CHEMICAL (SHOC)**
 - ◊ Identification
 - ◊ Assessment
 - ◊ Control
 - ◊ Recovery
- **MODULE 3 - LEGAL PROVISIONS AND STANDARDS**
- **MODULE 4 - MINOR CHEMICAL SPILL HANDLING**
- **MODULE 5 - MAJOR CHEMICAL SPILL HANDLING**
- **MODULE 6 - CHEMICAL SPLASH HANDLING**

DAY 2

- **MODULE 1 - DEVELOPING CHEMICAL SPILL AND SPLASH HANDLING PLAN**
- **MODULE 2 - CHEMICAL SPILL KIT**
- **MODULE 3 - PPE**
- **MODULE 4 - CHEMICAL TRANSPORT AND SECONDARY CONTAINMENT**
- **MODULE 5 - DECONTAMINATION AND DISPOSAL**
- **MODULE 6 - INCIDENT REPORTING**
- **MODULE 7 - TABLE TOP ACTIVITIES**

Note: Course Content subject to further review



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

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COURSE FEE

Peninsular Malaysia

- **With Green Card: RM530.00** per person incl. 6% SST
- **Without Green Card: RM636.00** per person incl. 6% SST

Sabah & Sarawak

- **With Green Card: RM636.00** per person incl. 6% SST
- **Without Green Card: RM742.00** 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)

REGISTRATION METHOD

1. **Online:** http://zohlgroupp.com/public_registration/ **OR**
2. Download this brochure at: <http://zohlgroupp.com/cidb-brochures/public> 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 (Niesa)

FACILITATOR

K. Puvanewary - she has seven (7) years working experience as HSE Officer in oil and gas industries focusing mainly on petrochemical plant (Maintenance, Mechanical and Engineering work).



Experience in supervision backgrounds in Plant Turn-around and Plant Maintenance works. Majority of experience is in supervision of scheduled waste management. Accountable and responsible person in handling office administration functions mainly focusing on tender documentation.

Focal person for the implementation of Environmental Management System based on ISO 14001: 2015. Involved in Plant Turnarounds and Plant Maintenance in the following plants: BASF-OXO Plant (Gebeng Industrial Estate, Kuantan), BASF-BDO Plant (Gebeng Industrial Estate, Kuantan), BASF-Acrylics Plant, (Gebeng Industrial Estate, Kuantan) BASF-Port Storage (Kuantan Port, Kuantan), UPC Chemicals (Gebeng Industrial Estate, Kuantan), BASF-Toray (Gebeng Industrial Estate, Kuantan), Petronas Chemical Ethylene Polyethylene (Paka, Terengganu) and BPPA (Paka, Terengganu).

In addition, she is also a Technical Trainer in HSE @ZOHL.

*Note: Trainer availability is subject to change



REGISTRATION FORM

Participant : _____

Position : _____

IC No: _____

Note: please duplicate this page for multiple participants' registrations

Green Card No: _____ (only if it is applicable)

CIDB Grade G : _____ (only if it is applicable)

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 plbk@zohlgroupp.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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Sebarang pertanyaan sila hubungi Cik Niesa

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

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