



# SKILL MASTERS ACADEMY

LLP0006698-LGN

## WORKING PAPER FOR

### **SPILLAGE AND POLLUTION TREATMENT FOR SOLVENTS & CHEMICALS**

#### **1.0 AIMS**

This paper is prepared for the purpose of obtaining approval from the Organization, of the Course titled " Spillage and Pollution Treatment for Solvents & Chemicals " which will be conducted as follows:

Date	:	TBA
Time	:	9.00 am – 5.30 pm
Venue	:	NICHIAS FGS SDN. BHD.
No of pax	:	TBA
Budget	:	RM 7900 per-day (all Inclusive)

## **Spillage And Pollution Treatment**

### **1. INTRODUCTION**

This course is designed to provide participants with the crucial knowledge and skills needed to handle chemicals safely and respond effectively to spills, ensuring the safety of individuals, the environment, and the workplace.

Chemicals are integral to many industrial, commercial, and laboratory processes, but they can pose significant risks if mishandled. Proper training in chemical handling and spill response is essential to prevent accidents, reduce hazards, and comply with safety regulations.

### **LEARNING OBJECTIVES**

1. To understand the chemical hazards, risks, personal safety measures, assessing and therefore interpreting CSDS.
2. To determine the legal requirement that are capable to their current work.
3. To know the legislatives requirement that are related to the responsibilities on chemical handling.
4. To understand and apply the emergency procedures during an occurrence of emergency.

**NO. 2, JALAN DUKU, OFF JALAN KASIPILLAY, 3RD MILE JALAN IPOH,  
51200 KUALA LUMPUR. W.P KUALA LUMPUR**

Tel: +6016 927 8784 Hp: +6016 322 3594 emails: admin@skillmaster.com.my / skillmasters2015@gmail.com / web: www.skillmaster.com.my



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## Workshop Methodology

Lecture/ Discussion, Practical, Spill Management Exercises, Emergency Response Simulations.

## Target Audience

ERT / EHS / Safety officer / Department heads, Production / Engineering / QA / and Safety committee member.

## Course Material/Certificates

Skill Masters Academy Plt will provide Certificate of Attendance to participants who complete the course successfully.

## Course Fee and Duration

This is 1 days – (7 contact hours-time: 9.00 a.m. - 5.30 p.m.) training programme. The cost for this course is RM7900.00. *This cost includes trainer's fee, transportation, accommodation and training material, for the one day.* \*Client to provide Desktops or Laptops.

## Medium of Instruction

English & Bahasa Malaysia

## Date

To be advised by the organisation

## Venue

- 1 x Training room and facilities for training to be provided by the organisation.
- 1 x Morning Tea Break x 1 days for trainer and participants to be provided by Organization.
- 1 x Lunch x 1 days for trainer and participants to be provided by Organisation.
- 1 x Evening Tea break x 1 days for trainer and participants to be provided by Organisation.

*\*Accommodation and transportation for the trainer to be provided by Skill Masters Academy*

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## LEARNING MODULES & ITINERARY SPILLAGE AND POLLUTION TREATMENT FOR SOLVENTS & CHEMICALS

### ONE DAY TRAINING SCHEDULE

Time: 9:00 AM - 5:30 PM

#### 9:00 AM - 9:15 AM | Welcome & Introduction

- Overview of the day and training objectives.

9:15 a.m. – 10:00 a.m.

#### Module 1: Introduction to Chemical Handling and Safety

- Overview of chemical hazards
- Importance of chemical safety
- Regulatory compliance (OSHA, GHS)
- Basic roles and responsibilities

10:00 a.m. – 10:45 a.m.

#### Module 2: Hazardous Chemical Identification

- Recognizing hazardous chemicals
- Hazard communication labels and symbols
- Basics of Safety Data Sheets (SDS)

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10:45 a.m. – 11:00 a.m. – Morning Tea Break

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11:00 a.m. – 11:45 a.m.

#### Module 3: Personal Protective Equipment (PPE)

- Selection and use of PPE
- Respiratory protection
- Hand and eye protection

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11:45 a.m. – 12:30 p.m.

## Module 4: Safe Chemical Handling and Storage

- Best practices for transporting chemicals
- Storage requirements and compatibility
- Emergency shutdown procedures

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12:30 p.m. – 1:30 p.m. - Lunch Break

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1:30 p.m. – 2:15 p.m.

## Module 5: Emergency Procedure and First Aid

- Emergency response protocols
- Spill response and containment
- Basic first aid for chemical exposures

2:15 p.m. – 3:00 p.m.

## Module 6: Risk Assessment and Hazard Control

- Conducting a chemical risk assessment
- Implementing hazard control measures
- Identifying potential chemical hazards

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3:00 p.m. – 3:15 p.m. – Evening Tea Break

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3:15 p.m. – 4:30 p.m.

## Module 7: Spill Response Procedures and Cleanup Techniques

- Developing effective spill response plans
- Roles and responsibilities during spill incidents
- Selecting appropriate cleanup methods and equipment
- Containment and mitigation strategies
- Decontamination procedures for affected areas and equipment

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# **SKILL MASTERS ACADEMY**

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**4:30 p.m. – 5:30 p.m.**

## **Practical Case Discussion / Group Activity & Q&A Session**

- Application of spill response scenarios
- Hands-on planning of hazard control
- Open floor for participant questions

**5:30 PM → Closing Remarks & Certificate Presentation**

**END**

## **Learning Outcomes: By the end of this training, participants will be able to,**

- Identify common chemical hazards in the workplace and understand their associated risks.
- Explain the importance of chemical safety and regulatory compliance (e.g., OSHA, GHS).
- Recognize hazardous chemicals using labels, symbols, and Safety Data Sheets (SDS).
- Select and properly use appropriate Personal Protective Equipment (PPE) for various chemical handling tasks.
- Apply best practices for the safe handling, transport, and storage of chemicals.
- Execute emergency procedures and provide basic first aid in the event of chemical exposure or accidents.
- Conduct a chemical risk assessment and implement suitable hazard control measures.
- Respond effectively to chemical spills using appropriate containment, cleanup techniques, and decontamination procedures.
- Demonstrate a clear understanding of roles and responsibilities during chemical handling and spill response situations.
- Develop and contribute to a safer work environment through proactive chemical safety practices.

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On behalf of Skill Masters Academy Plt, I kindly hope that this paper fulfills the objectives according to your organisation's request. Your consideration and approval by your department are greatly appreciated.

Thank you very much.

Yours sincerely,

Sivaraman Allapen  
Managing Consultant  
+6016-322 3594



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