YN SAFETY AND HEALTH
CONSULTANCY SERVICES (M) SDN BHD
优 能 安 全 培 训 机 构

Laboratory Safety, Chemical & Waste Management Workshop (2 days)

INTRODUCTION

This training equips participants with essential knowledge of laboratory safety, chemical handling, and scheduled waste management. Participants will learn chemical hazard communication, safe laboratory practices, waste management, and emergency spill response to ensure a safe and compliant laboratory environment.

HRDF SBL-KHAS Claimable

OBJECTIVE

Participants will be benefit by being able to:

- Interpret legal compliance according to OSHA 1994
- Classify and evaluate the chemical hazards
- Understand the laboratory control measures & setting
- Demonstrate 5 steps to safely contain and clean up a chemical
- Decode Hazard Communication from Safety Data Sheets (SDS)
- Implement Safe Chemical Handling & Storage for daily operations
- Develop and manage Laboratory scheduled waste management practice



COURSE CONTENTS

Chemical Classification	➢ GHS hazard classification ➢ Route of Exposure & Health Impacts
Legal Legislation	➢ OSHA, USECHH & CLASS Regulations
Safe Laboratory Practice	➢ Hierarchy of Control ➢ Engineering, Administrative Controls & PPE
Emergency Response	➢ Emergency Infrastructure ➢ Chemical spill response and review existing ERP
Hazard Communication	➢ Chemical Labelling & SDS ➢ CHRA, HIRARC
Chemical Handling	➢ Safe handling & storage practices ➢ Site assessment exercise
Laboratory Scheduled Waste Management	➢ Waste identification & segregation ➢ Labelling, packaging and storage requirements
Group Discussion	➢ Post- Training Test

CERTIFICATION

Certificate of Attendance

TARGET GROUP

- Employees who handle & exposed to chemicals
- EHS Personnel
- Department heads
- Supervisors
- Safety committee members

*** Maximum 25 pax per group**

METHODOLOGY

Theory & Video Presentation

Group Discussion

Practical spillage session

ABOUT SPEAKER

Trainer: Chua Hwai Hock

Education

➢Bachelor of Science (Hons) – Industrial Chemistry, UPM

➢**Qualification**

➢Registered HRD Corp. Trainer (TTT/11630)
➢Registered Ergonomics Trained Person (Initial & Advanced)
➢Certified Environmental Professional in
➢Industrial Effluent Treatment System (CePIETSO-PCP/00338)
➢Scheduled Waste Management (CePSWaM/01473)
➢Scrubber Operation (CePSO/00150)
➢Over 10 years of experience in manufacturing Industrial effluent treatment system, environment pollution control system setup and upgrade

FOR MORE DETAIL, PLEASE CONTACT

YN Safety and Health Consultancy Services

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Other Safety and Health Consultancy Services are provided. Please contact to get more details.