YN SAFETY AND HEALTH
CONSULTANCY SERVICES

Process Safety Management (2 days)

INTRODUCTION

Process safety management (PSM) is widely credited for reductions in major accident risk to prevent unwanted releases of hazardous chemicals and improved process industry performance. The process safety management standard targets highly hazardous chemicals that have the potential to cause a catastrophic incident. In this training, trainer will describes a comprehensive management system containing 14 elements for effective control of process hazards.

HRDF SBL-KHAS
Claimable

REGISTERED HRD CORP TRAINING PROVIDER



OBJECTIVE

Participants will be benefit by being able to:

- Understand fundamental of Process Safety Management
- To protect People from incident related which could lead to multiple injury or worst-case multiple fatality, protect asset from massive damage or polluting environment.

COURSE CONTENTS

Introduction	Introduction to Process Safety Management Analogy Personal Safety Vs Process Safety Identify Process Safety General Event Comment Process Safety Initiating Event
Preventing inciident	Plant Design -Prevent Leaks/ Rupture Loss of Primary Containment Understanding and how to avoid Boiling Liquid Expansion Vapor Explosion
14 elements in PSM	➢ 1. Employee Participation (EP) ➢ 2. Process Safety Information (PSI) ➢ 3. Process Hazard Analysis (PHA) ➢ 4. Operation Procedure ➢ 5. Training ➢ 6. Managing Contractor ➢ 7. Pre-Start Safety Review (PSSR) ➢ 8. Mechanical Integrity (MI) ➢ 9. Hot Work Permit ➢ 10. Management of Change ➢ 11. Incident Investigation ➢ 12. Emergency Response ➢ 13. Compliance Audit ➢ 14. Trade Secret

ABOUT SPEAKER



Trainer: Zulkarnain Mohd Said

Education

➢Master in Occupational Safety and Health, UTM

Qualification

34 years of experience in Oil and Gas industry.
Last position as Head, Operational HSE and Head of Quality, Health, Safety, Security and Environment with oil and Gas Company.
Vast knowledge and Experience with oil and Gas Industry.
Lead and Responsible for Process Safety Management matters for Shell Refining Company.

TARGET GROUP

Electrical, Mechanical, Petroleum Engineer, Chemical Engineer Operation Technician, Safety Personnel
*** Maximum 25 pax per group**

METHODOLOGY

Theory Presentation

Group Discussion

Case Study

FOR MORE DETAIL, PLEASE CONTACT

YN Safety and Health Consultancy Services
Name : **Elaine Tan**
Phone : 0195288003
Email : support@yn-leadsafety.com

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