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

Process Safety Management Level 2 - Mastering Essential PSM Elements (2 days)

INTRODUCTION

Process Safety Management (PSM) is a structured approach to managing the risks associated with hazardous processes in industries such as oil and gas, petrochemicals, and manufacturing. This two-day Process Safety Management – Level 2 course is designed to provide participants with an in-depth understanding of advanced PSM elements, focusing on Management of Change (MoC), Pre-Start-Up Safety Review (PSSR), Mechanical Integrity, and Process Hazard Analysis (PHA).

HRDF SBL-KHAS Claimable





OBJECTIVE

Participants will be benefit by being able to:

- Understand the importance of PSM
- Apply Management of Change (MOC) procedures and implementation
- Conduct Pre-Start-Up Safety Review (PSSR) effectively
- Understand Mechanical Integrity programs and inspection techniques
- Apply Process Hazard Analysis (PHA) tools such as HAZOP and FTA

COURSE CONTENTS

PSM Fundamentals & MOC	- Importance of PSM and risk management - MOC framework, approvals and documentation - Temporary and permanent changes
PSSR & Mechanical Integrity	- PSSR requirements and implementation - Inspection, testing and quality assurance - Isolation and LOTOTO practices
PHA & Risk Analysis	- PHA tools and techniques - HAZOP, HAZID, FMEA & FTA
Workshop & Case Study	- Case study, workshop and presentation - Application of PSM elements in workplace incidents

CERTIFICATION

Certificate of Attendance

TARGET GROUP

- Engineers(Electrical/ Mechanical/ Chemical/ Petroleum/Instrument)
- Operation Technician
- Site Safety Supervisor (SSS)
- SHO/ Safety Practitioners/ Safety Managers

*** Maximum 25 pax per group**

METHODOLOGY

Theory Presentation | **Group Discussion** | **Group Presentation**

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.

FOR MORE DETAIL, PLEASE CONTACT

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