

Meet Our Trainer:



**En. Khairuddin
B. Mohd Piah
CEng, MIChemE
TTT 4952**

- 40 substantial years of experience in technical and operating oil refining and chemicals business .
- A Chartered Engineer and a Member of the Institution of Chemical Engineers UK.
- Expert in process safety management, operational excellence improvement, behavioral safety (RCA & Causal Factors).
- DOSH-registered CIMAH Regulations Competent Person (OKMH 171).

Training experiences:

- ✓ OIMS Assessment for Assessors
- ✓ Safety in Process Design
- ✓ Operating Procedures
- ✓ Process Safety Aspects
- ✓ Felt Leadership Workshops
- ✓ Process Safety Leadership Workshops
- ✓ IChemE Fundamentals of Process Safety
- ✓ Process Safety Management Training
- ✓ PHA/HAZOP Training



Course Fee:
RM 2,700.00/pax
(exclude SST 8%)
SBL Khas Serial
No: 10001265231

**5 CEP
POINTS**

Scan to Register



(THE ENVIRONMENTAL SPECIALIST WITH MS ISO 9001:2015 & ISO 14001:2015 CERTIFICATIONS).

Process Safety Management – Fundamentals for Engineers & Supervisors

Incidents such as the Flixborough plant explosion (1974), the Bhopal uncontrolled gas release (1984), Piper Alpha offshore platform explosion (1988), Exxon Valdez tanker oil spill (1989), Texas City Refinery explosion (2005) and Buncefield Terminal tank vapor cloud explosion (2006) were attributed to failures in the management of process safety. These incidents have had significant impacts on major hazards industries' approaches to modern process safety.

This course draws upon the concepts and principles of managing process safety advocated by the Center for Chemical Process Safety (CCPS) and the Institution of Chemical Engineers Safety Center (ISC). It will provide delegates an understanding of the Fundamentals of Process Safety.

Course Content:

Day 1

1. Define Process Safety
2. The Importance of Process Safety
3. Process Safety Management System
4. Hazard and Risk
5. Hazard identification and evaluation

Day 2

1. Risk Assessment & Risk Assessment Matrix
2. Process Safety incident pathways
3. Safety Critical Devices
4. Bow Tie & Barrier Management
5. Learning from Incidents

Day 3

1. Management of Change
2. Contractor Management
3. Process Safety Measurements (KPIs)
4. Site self-audit/assessment

Learning Outcomes:

- ✓ Understand what is process safety
- ✓ Understand the consequences of poor process safety management
- ✓ Understand the process safety hazards associated with the site's operations and how the risks can be controlled
- ✓ Identify hazards and take corrective action
- ✓ Understand the value of safety auditing and how to oversee them
- ✓ Understand and implement change within your facility
- ✓ Understand and apply the use of process safety metrics in measuring performance
- ✓ Understand the importance of contractor management
- ✓ Understand the ways in which your safety depends on the knowledge of others and the need for overall safety competencies
- ✓ Understand your role as a process safety leader and how to execute your role effectively

Methodologies:

- Lecture
- Professional coaching & guidance
- Group discussions
- Question & answer sessions
- Group problem-solving

Who Should Attend:

- Managers, Supervisors and Operators, Safety Personnel
- Engineers and Early-career Professionals
- Environmental Engineers and professionals
- HR and anyone who would like to develop an understanding of process safety

Course Date:

No.	Date*	Location
1.	28 Feb - 01 Mar 2024	PLASMA, S2
2.	28 - 30 May 2024	ECRO, Kemaman
3.	07 - 09 Aug 2024	PLASMA, S2
4.	12 - 14 Nov 2024	ECRO, Kemaman

**Updated as of October 2023.
Subject to change.*

Safety First

Be aware Take care

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Tel: 06-6013126 Fax: 06-6017127 HP: 011-53303881/882

Email: airwastewater@awwam.com / csd@awwam.com

Website: www.awwam.com

**REGISTRATION FORM**

Please tick (/) the topics to register, fill-up the selected course date (refer to brochure) and other informations.

REGISTRATION FEE

Tick (/)	TOPICS	COURSE FEE (PER PAX)	SST (8%)	NET REGISTRATION
<input type="checkbox"/>	Safe Operations Training: Hazardous Chemicals – Hydrogen Sulfide, The Silent Killer (2 Days) SBL Khas Serial No: 10001265227 Course Date & Location (please fill-up) :	RM1,800.00	RM144.00	RM1,944.00
<input type="checkbox"/>	Safe Operations Training: Hazardous Chemicals – Laboratory Safety Training on Mercury, Sulfuric Acid and Caustic Soda (2 Days) SBL Khas Serial No: 10001264259 Course Date & Location (please fill-up) :	RM1,800.00	RM144.00	RM1,944.00
<input type="checkbox"/>	Process Safety: Hazard Identification (HAZID) Training Course (2 Days) SBL Khas Serial No: 10001263863 Course Date & Location (please fill-up) :	RM1,800.00	RM144.00	RM1,944.00
<input type="checkbox"/>	Process Safety Management – Fundamentals for Engineers & Supervisors (3 Days) SBL Khas Serial No: 10001265231 Course Date & Location (please fill-up) :	RM2,700.00	RM216.00	RM2,916.00

Meal Preference:

Non-Vegetarian

Vegetarian

PAYMENT METHOD

<input type="checkbox"/>	Cheque	Pay to	: Airwastewater Management Sdn Bhd
		Bank	: Affin Islamic Bank Berhad
<input type="checkbox"/>	Interbank Giro/Online Banking	Bank Account No	: 10-524-000486-8
		Swift Code	: AIBBMYKL
<input type="checkbox"/>	HRDC SBL-Khas	Company No	: 779652-U
		Please send proof of payment to csd@awwam.com / finance@awwam.com	

APPLICANT'S INFORMATION

Name	:	NRIC	:
Designation	:	HP/Phone No	:
Company Name	:	E-Mail	:

BILLING DETAILS

<input type="checkbox"/>	Self-Sponsored	<input type="checkbox"/>	Company Sponsored
Company Name	:		
Mailing Address	:		
Contact Person	:	Company Stamp:	
Designation	:		
Phone No	:		
E-Mail	:		
Date	:	Authorised Signature :	

TERMS & CONDITIONS

- Fees are inclusive of course materials, meals and refreshments.
- Registration can be made by sending registration form via email to csd@awwam.com or fax to 06-6017127.
- Payment shall be made within 14 days from the date of invoice or at latest 3 days before the course start; OR approved HRD Corp Grant shall be submitted to AWWAM within 14 days from the date of quotation or at latest before the course date.
- Registration of participants will be confirmed upon receipt of full payment OR approved HRD Corp Grant by issuance of confirmation letter by AWWAM.
- Certificate of attendance will be issued upon attendance and completion of the course; and (for SBL-Khas) upon receipt of the signed copy of HRD Corp JD14 form.
- Participant/PIC shall undertake to pay the course fee if payment/Grant claim issue arise for whatever reason within 7 days after completion of the course.
- You have read the terms and conditions above and by signing this form, you expressly agree and consent to the use, processing, disclosure and transfer of your personal data by AWWAM for this registration and future communications including marketing and promotion purpose. Should there be a need to retract your consent, you shall write a notice to AWWAM to cease the processing of the personal data.