

**REGISTRATION FORM: COURSE ON: DRINKING WATER
TREATMENT PLANT PROCESS AND OPERATION**



Name(s)	Membership No. / Grade	Fees (RM)
Sub Total:		

THE INSTITUTION OF ENGINEERS, MALAYSIA (KELANTAN BRANCH)
C/O: ROLFOM CONSULT SDN BHD
 LOT 5139, KOMPLEKS NIAGA INOTRUS, KAWASAN PERINDUSTRIAN PENGKALAN CHEPA II,
 16100 KOTA BHARU, KELANTAN
 TEL: 09-773 0899 **E-MAIL: iemkelantanbranch@gmail.com**

Company				
Address				
Mobile	Tel(O)	Fax		
E-mail <small>(Please write clearly as the "Information Update will be sent via email")</small>				
Contact Person		Designation		
Signature		Date		

**COURSE ON: DRINKING WATER TREATMENT PLANT
PROCESS AND OPERATION**

Date	:	10th - 11th June 2024
Time	:	8.00 am - 5.00 pm
Venue	:	Kompleks Niaga Inotrus, Pengkalan Chepa

Organized by:
The Institution of Engineers, Malaysia
KELANTAN BRANCH

TERMS & CONDITIONS:

- Payment via CASH / CHEQUE / BANK-IN TRANSMISSION /WALK -IN will be ACCEPTED
- **FULL PAYMENT** must be settled before commencement of the course, otherwise participants will not be allowed to enter the hall. If a place is reserved and the intended participants fail to attend the course, the fee is to be settled in full. If the participant failed to attend the course, the fee paid is non refundable. Registration fee includes lecture notes, refreshment.
- The Organising Committee reserves the right to cancel, alter, or change the program due to unforeseen circumstances. Every effort will be made to inform the registered participants of any changes. In view of the limited places available, intending participants are advised to send their registrations as early as possible so as to avoid disappointment.

PAYMENT METHOD:

- Local cheque made payable to "THE INSTITUTION OF ENGINEERS MALAYSIA".
- Directly bank in or online transfer to:- (Please forward soft copy of payment advice)
THE INSTITUTION OF ENGINEERS MALAYSIA
Maybank Account no. 553104558067

CANCELLATION POLICY:

- IEM Kelantan reserves the right to postpone, reschedule, allocate or cancel the course. **Full refund less is 30% if cancellation is received in writing more than 7 days before the start of the event. No cancellation will be accepted prior to the date of the event.** However, replacement or substitute may be made at any time with prior notification and substitute will be charged according to membership status.

REGISTRATION FEES

	Fee
IEM Member	RM350.00
Non IEM Member	RM400.00

***Closing Date: 30 May 2024**

BEM Approved CPD/PDP Hours: 14 Hrs
[IEM24/KEL/148/T]

To register, please click :
<https://tinyurl.com/DRINKINGWATERTREATMENTREGIS>

Limited to 40 participant.

SYNOPSIS

This training module was designed with objective to expose participants on the fundamental technical knowledge of Drinking Water Treatment Plant (DWTP) processes and its operation from the source until the production of treated water from the DWTP.

The aim of the course is to expose participants with fundamental technical knowledge in drinking water treatment plant operation specifically in process treatment, the plant operation and water quality. At the end of the course, participants should be able to;

- Understand the basic knowledge related to the drinking water treatment plant (DWTP) processes, operation of DWTP and process control.
- Understand the drinking water guidelines and its monitoring system.
- Understanding the water treatment plant operation and its challenges.

FOR FURTHER DETAILS, PLEASE CONTACT:

Ir. Wan Muhammad Faisyal Bin Mohd Noor [(+60 17-9532518)
The Institution of Engineers, Malaysia (Kelantan Branch)
Lot 5139, Kompleks Niaga INOTRUS,
Kawasan Perindustrian Pengkalan Chepa II,
16100 Kota Bharu, Kelantan.
TEL: 09-773 0899 E-MAIL: iemkelantanbranch@gmail.com

SPEAKER'S PROFILE

ChM Sawal Bin Yamon, a registered Chemist with Institute Kimia Malaysia (IKM). Graduated from University of Malaya in 1993, he has 30-years experience in the water & wastewater industries, particularly water treatment plant, wastewater treatment and laboratory operation. Currently working as consultant and full time Trainer in water, wastewater and laboratory industries. Having vast experience giving training & consultancy on water quality and water treatment process all over the country including Sabah, Sarawak and Brunei Darussalam. Besides the role as Pegawai Penilai for Sijil Kemahiran Malaysia (SKM), he is also a Subject Matter Expert (SME) appointed by the Human Resources Ministry for Development of Industry Skills Frameworks in Water Services & Sewerage Industry.

Certificate of Competency

- Degree in Chemistry, B.Sc (Hons) Univ Malaya
- Registered/Certified Chemist by the Malaysian Institute of Chemistry (AMIC) - M/2190/4700/04
- Competent Person or the Certified Environmental Professional in Industrial Effluent Treatment System (CePIETSO-PCP 0057)
- Competent Person or the Certified Environmental Professional in Scheduled Waste Management (CePSWaM-00532)
- Technical Assessor appointed by the Department of Standards Malaysia/STANDARD MALAYSIA
- Vocational Training Officer (VTO) SKM Level 3
- Malaysia Water Association (MWA) Resident Trainer
- Certified in TTT (Train The Trainer course) by HRDF - TTT/11061
- HRDF Corp Accredited Trainer 21711
- Appointed External Verifier Officer (PPL-PPT) by Development of Skills Department (DSD)
- Appointed Panel Assessor (PP-PPT) by DSD
- Panel Expert for Water Treatment Operation & Services Level 2 and 3 (DSD)

TENTATIVE PROGRAMME

TIME	ITEM
10 th JUNE 2024	
8:00 am	Registration Breakfast
8:30 am	Module 1 : Introduction to the water supply system in Malaysia
10:30am	Tea- Break
11:00am	Module 2 : Drinking Water Quality Standard
12.00am	Module 3 : Intake
1.00 pm	Lunch
2.00 pm	Module 4 : Aerator
3.00 pm	Module 5 : Pre-chemical mixing/dosing
4.00 pm	Module 6 : Coagulation and Flocculation Process
5.00 pm	End of Day 1
11 th JUNE 2024	
8:00 am	Registration Breakfast
8:30 am	Module 7 : Sedimentation @ Clarification Process
9.30 am	Module 8 : Filtration Process
10:30am	Tea- Break
11:00am	Module 9 : Treated Water Operation
12.00 am	Module 10 : Post Chemical Dosing Process
1.00 pm	Lunch
2.00 pm	Module 11: Managing the Water Treatment Plant residuals (sludge)
3.00 pm	Module 12 : Jar Test and Application to the WTP
4.00 pm	Test/Quiz/Competency test/ Q & A/Evaluation form
5.00 pm	End of Day 2