

MALAYSIAN WATER ACADEMY SDN BHD

TECHNICAL CONTROL OF ACTIVATED SLUDGE

07 – 08 OCTOBER 2020

Venue: MyWA Ground Floor

Time : 8.30-5.00pm

SEATS ARE LIMITED. REGISTER NOW!

EIMAS CPD : 12

BEM CPD: 12

Brought to you by



MALAYSIAN WATER ACADEMY SDN BHD

HRDF CERTIFIED TRAINING PROVIDER

**NO. 24, JALAN SRI HARTAMAS 8,
TAMAN SRI HARTAMAS, 50480 KL
03-6201 1457 / 6201 1562**

Contact Person:

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COURSE OVERVIEW

MLSS and MLVSS is very important in controlling the activated sludge for the biological treatment process. Most of the formulas to control the activated sludge need to have the values of MLSS and MLVSS. In normal practice, these values were measured by appointed external laboratory due to unavailability of specific equipment to perform the measurement. Estimation of these values can be used practically but accurate values will definitely give accurate data for an effective activated sludge control.

This training program will assist the participants on how to measure and manage the MLSS and MLVSS values in their daily operation of the IETS. Focus of control method will be on F/M ratio, SVI, SOUR, WAS, and RAS.



LEARNING OUTCOME

At the end on this 2 days program, participants will be able to:

- ♦ Define MLSS and MLVSS.
- ♦ Measure the MLSS and MLVSS.
- ♦ Use and manage the value of MLSS and MLVSS.
- ♦ Comprehend the knowledge in the IETS daily operation

TARGET PARTICIPANTS

- ♦ IETS practitioner (operator, technician).
- ♦ Manager (IETS, Purchasing, Maintenance, QC).
- ♦ CePIETSO BP and PCP.

METHODOLOGY

- ♦ Interactive knowledge sharing.
- ♦ Audio visual stimulants.
- ♦ Group discussion.
- ♦ Practical.
- ♦ Exam.



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PROGRAM

DAY 1

- 0830 Registration
- 0900 Module 1: What is MLSS and MLVSS
- 1045 Tea Break
- 1100 Module 2: Control of Activated Sludge (SV30 and SVI)
- 1300 Lunch
- 1400 Module 3: Control of Activated Sludge (F/M ratio)
- 1530 Tea Break
- 1545 Module 4: Control of Activated Sludge (Biomass Management)
- 1700 Program Ends

DAY 2

- 0830 Registration
- 0900 Module 5: Advantages of Having Oven and Furnace
- 1045 Tea Break
- 1100 Module 6: Practical and Q&A session
- 1300 Lunch
- 1400 Continue Module 6
- 1530 Tea Break
- 1545 Final Assessment
- 1645 Certificate Giving Ceremony
- 1700 Program Ends





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TRAINER PROFILE

Maizan Aza is a PSMB Certified Trainer and currently is a practitioner in IETS of an F&B industry in Rawang, Selangor. He has more than 19 years experience of working in IETS for both biological and Physical & Chemical process and holding the CePIETSO (Certified Environmental Professional for Industrial Effluent Treatment System) of BP and PCP.

He completed his Bachelor Degree in Mechanical Engineering with UNITEN on year 2000 and pursue for certification in IETS with JPK (Jabatan Pembangunan Kemahiran) for SKM (Sijil Kemahiran Malaysia) level 2 and 3, DKM (Diploma Kemahiran Malaysia) and DLKM (Diploma Lanjutan Kemahiran Malaysia). He trains many level of employees and focusses on the IETS operation, supervision, optimization, and specialization based on the JPK (Jabatan Pembangunan Kemahiran) NOSS (National Occupational Skill Standard).

His interest in environmental matter and IETS makes him to share the knowledge (explicit) and experience (tacit) with industrial companies mostly in Selangor. His list of clients mostly in F&B industry include Cocoaland, Rotiboy, Kings Confectionary, Pak Hailam Kopitiam, Fuji Bakery, Emperor's Kitchen (Old Town White Coffee), NY Food (Paparich), Fusipim, and many more.

REGISTRATION FEE

NORMAL PRICE: RM1600.00

PROMOTIONAL PRICE

MWA Members: RM1250.00

Non-Members: RM1650.00

EARLY BIRD

MWA Members: RM1070.00

Non-Members: RM1410.00

(Early bird rate ends on 30 Sept 2020)

GROUP REGISTRATION

(2 - 4 pax)

MWA Members: RM1130.00

Non-Members: RM1490.00

(5 - 9 pax)

MWA Members: RM1070.00

Non-Members: RM1410.00

(10 pax and above)

MWA Members: RM1010.00

Non-Members: RM1490.00



Note: Government Officers and NGO representatives shall enjoy MWA Member's rate

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Registration will only be confirmed upon receipt of full payment. Program fee includes refreshments, course materials and certificate.

Cancellation

- No cancellation & refund are allowed within five (5) working days from the date of program.
- Substitution of participant(s) is allowed with no additional charge, provided that the Malaysian Water Academy Sdn Bhd (MyWA) is notified in writing of the name & designation of the new participant(s) within five (5) days from the date of program.
- Late and unpaid registration will also be liable for full payment of the registration fee.

Date protection

- Personal data is gathered in accordance with the personal data protection act 2010 (act 709)

Disclaimer

MyWA reserves the right to change the venue and facilitator, and to reschedule or cancel the course whenever deemed necessary. We shall inform participants of any changes that may arise. MyWA also reserves the right to make alternative arrangements without prior notice should it be necessary to do so. Upon signing the registration form, you are deemed to have read & accepted the terms & conditions.

Participant Details

NO	NAME	IC NO	DESIGNATION	EMAIL	PHONE

Organization Details

Organization Name & Address:

Email: _____

Phone: _____

Payment Details

Enclosed herewith my/our full payment, cheque no. _____ of
RM _____ issued to **MALAYSIAN WATER ACADEMY SDN BHD Account**
No: 277 000 23799 (Hong Leong Bank Berhad)

Authorized Signature

Date & Org. Stamp