



SEAT ARE LIMITED! REGISTER NOW!

APPLICATION OF MATHEMATICS IN WATER AND WASTEWATER TREATMENT PLANT OPERATION



**BROUGHT TO YOU BY
MALAYSIAN WATER ACADEMY SDN BHD**

DATE : 7-8 FEBRUARY 2023
TIME : 8:30 AM - 5:30 PM
VENUE : KUALA LUMPUR

**FOR ONLINE REGISTRATION,
PLEASE SCAN THE QR CODE**



**HRDF
CLAIMABLE**

**BEM CPD
APPLIED**

**EIMAS CPD
APPLIED**



OBJECTIVE

The aim of the course is to enhance participants with basic, intermediate and advanced skills and knowledge in the application of the mathematic in the operation of Water Treatment Plant (WTP) and Wastewater Treatment Plant (WWTP). At the end of the course, participants should be able to;

- Learn and understand basic mathematical knowledge such as formulas, conversions, units, symbols, mixes subtracts, multiplication, division and more
- Expose mathematical calculation in the treated water supply and wastewater treatment industry
- Enhance participants knowledge and skills about using mathematics in jobs in the clean water supply and wastewater treatment industries
- Expose participants with the knowledge on mathematic as a solution for water and wastewater treatment processes, environmental care and laboratory operations

LEARNING OUTCOME

- Exposure the basic mathematical knowledge such as formulas, unit conversions, symbols, add, subtract, multiply, divide and others.
- Knowledge on the fundamentals mathematical formula in the clean water supply and wastewater treatment industry.
- Improve participants' knowledge and skills on the use of mathematics in employment in the clean water supply and wastewater treatment industries.

TARGET PARTICIPANT

- i) Process, Quality and Lab Manager
- ii) Process Engineer or Process Chemist
- iii) Chemist
- iv) Supervisor or Plant Superintendent
- v) Senior Technician or Senior Operator
- vi) WTP personnel who currently possessed Level 2 or Level 3 of Sijil Kemahiran Malaysia (SKM) in Water Treatment Plant Operation and willing to upgrade the certificate to the higher level



TENTATIVE PROGRAM

Day 1

- 08.30 - 09.00am : Introduction to the program & ice breaking
09.00 - 10.00am : Module 1- Introduction and Basic Parameter and Conversion in Mathematic
10.00 - 10.15am : Break
10.15 - 11.15am : Module 2 - Basic Mathematics Formula
11.15 - 12.15am : Module 3 - Basic Mathematic in Water Industries
12.15 - 1.00pm : Workshop/Exercise/Quiz 1
01.00 - 02.00pm : Break (Lunch)
02.00 - 03.30pm : Module 4 - Application of Mathematics in Water Treatment Plant
03.30 - 03.45pm : Break (Tea break)
03.45 - 05.00 pm: Workshop/ Exercise /Quiz 2

END OF DAY 1

Day 2

- 09.00 - 10.15am : Module 5: Application of Mathematics in Wastewater Treatment Plant
10.15 - 10.30am : Break
10.30 - 11.45am : Module 6 - Application of Mathematics in Laboratory Operation
11.45 - 01.00pm : Module 7 - Application of Mathematics in Environmental Protection
01.00 - 02.00pm : Break (Lunch)
02.00 - 03.00pm : Workshop/Exercise/Quiz 3
03.00 - 04.00pm : Quiz and Q&A Session
04.00 - 04.15pm : Break (Tea break)
04.15 - 05.00pm : Participants Assessment and Closing

END OF DAY 2



TRAINER PROFILE

CHM SAWAL YAMON

- B. Sc (Hons) Chemistry, Univ. Malaya
- Registered Chemist, AMIC
- Certified in HRDF Trainer (TTT/11061)
- Technical Assessor of ISO/IEC 17025 (Standard Malaysia)
- More than 25 years working experience in water and wastewater treatment plant.

REGISTRATION FEE

Normal Price:-

MWA Member: RM 1750.00/Pax

Non- Member: RM 1950.00/ Pax

Early Bird Price:-

MWA Member: RM 1575.00/ Pax

Non Member: RM1755.00/ Pax

**Early Bird Rate only available until 2 weeks before the training program*

Discounted Price:-

Register 2-4 Pax

MWA Member: RM 1660.00/Pax

Non- Member: RM 1850.00/ Pax

Register 5-9 Pax:-

MWA Member: RM 1575.00/Pax

Non-Member : RM1755.00/ Pax



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Participant Details

Training program: _____

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 _____

TERM & CONDITION

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.

DATA 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.

CONTACT PERSON

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