ATTC TRAINING CENTRE SDN BHD

Educational & Hands On Training Experience

in Drinking Water & Wastewater Environment

(In-line with Regulatory Requirement: SPAN & DOE)

2025 Technical **Training Programs**

FEBRUARY

19 - 20 Feb

Best Practices for Water & Wastewater Sampling Protocol with On-site Practical

2 Days

HRDC: **RM1980** / Public: **RM1900**

APRIL

15 – 17 April

From Source to Tap: Drinking Water Process and Quality Monitoring

3 Days

HRDC: **RM2970** / Public: **RM2850**

MAY

14 - 15 May

Critical Parameters and Analysis for Process Control of Wastewater Treatment Plant (Biological)

28 – 29 May

Advanced Jar Test for Process Optimization of Water & Wastewater Treatment

2 Days

HRDC: **RM1980** / Public: **RM1900**

JUNE

11 – 12 June

Advanced Laboratory Testing and Implementation for Water Quality Enhancement

25 – 26 June

Best Practices for Water & Wastewater Sampling Protocol with On-site Practical

2 Days

HRDC: **RM1980** / Public: **RM1900**

JULY

9 – 10 July

Critical Parameters and Analysis for Process Control of Wastewater Treatment Plant (Physical & Chemical)

23 – 25 July

Industrial Effluent Treatment System Performance Monitoring and Water Quality Analysis

2 Days : HRDC: **RM1980** / Public: **RM1900**
3 days : HRDC: **RM2970** / Public: **RM2850**

AUGUST

6 - 7 August

Dam Surveillance – Safety, Instrumentation, Operations and Emergency Action Plan (EAP)

19 – 20 August

Advanced Jar Test for Process Optimization of Water & Wastewater Treatment

2 Days

HRDC: **RM1980** / Public: **RM1900**

SEPTEMBER

9 – 10 Sept

Water Resources Management

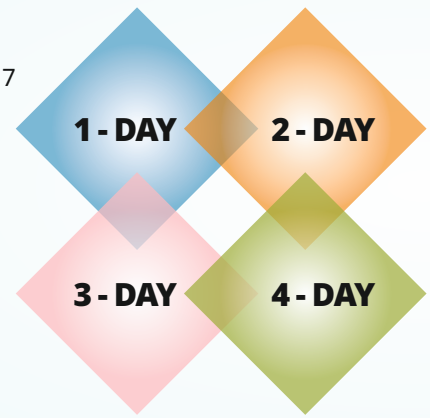
23 – 25 Sept

From Source to Tap: Drinking Water Process and Quality Monitoring

2 Days : HRDC: **RM1980** / Public: **RM1900**
3 days : HRDC: **RM2970** / Public: **RM2850**

Customized On-site **Training Programs**

- Basic Training on Laboratory Internal Audit for MS ISO/IEC 17025:2017
- Water Sampling Protocol Course with Competency Test
- Industrial Effluent Treatment system Performance Monitoring and Water Quality Analysis



- HACH Online and Portable Instrumentations with Water Quality Analysis
- Improvement of Drinking Water Treatment Processes and Water Quality Analysis
- Optimizing Stream Power Plant Efficiency: Essentials of Operation and Water Quality Monitoring
- Cycle Chemistry & Key Measurement of Water Quality in Steam Power Plant
- Recreational Water & Swimming Pool
- Drinking Water Treatment Process and Water Quality Analysis with Competency Test

Course Outline

01 Advanced Jar Test for Process Optimization of Water & Wastewater Treatment (2 days)

- Coagulation & Flocculation Fundamental
- Physical and Chemical Analysis: Turbidity, pH, Aluminium, Manganese, Iron
- Jar Test Analysis - Practical & Hands-on Demonstration
  - i. Raw Water (Type I)
  - ii. Raw Water (Type II)
  - iii. Wastewater
- Case study & Data Interpretation

02 Best Practices for Water & Wastewater Sampling Protocol with On-site Practical (2 days)

- Understanding the characteristics of constituents /elements in water
- Procedure & Techniques of Water Sampling
- QA/QC Program in Sampling
- Physical, Chemical and microbiological Analysis – Practical & Hands-on

03 From Source to Tap: Drinking Water Process and Quality Monitoring (3 days)

- Drinking Water Treatment Process
- Treated Water Flow Operation
- Physical, Chemical & Microbiological Analysis - Practical & Hands-on
- Case Study Analysis

04 Industrial Effluent Treatment System Performance Monitoring and Water Quality Analysis (3 days)

- Industrial Effluent Treatment Process
- Chemical, Physical, Biological & Solid analysis – Practical & Hands-on

05 Water Resources Management (2 days)

- Introduction of Water Resources in Malaysia
- Act, Regulations and Guidelines in Water Resources
- Challenges of Water Resources in Malaysia

06 Critical Parameters and Analysis for Process Control of Wastewater Treatment Plant – (Physical & Chemical) (2 days)

- Physical & Chemical wastewater treatment plant
- Process control overview – Chemical analysis and Critical parameters Analysis by function
- Physical, chemical, and critical analysis by function - Practical & Hands-on
- Data interpretation

07 Critical Parameters and Analysis for Process Control of Wastewater Treatment Plant – Biological (2 days)

- Biological wastewater treatment plant
- Process control overview – primary and secondary parameters
- Primary & secondary parameter analysis - Practical & Hands-on
- Data interpretation

08 Dam Surveillance – Safety, Instrumentation, Operations and Emergency Action Plan (EAP) (2 days)

- MYDAMS 2017 guideline and dam management practices
- Dam operations- storage curve, operational rule curve, hydrological data
- Emergency action plan (EAP)
- Raw water quality monitoring and catchment study

09 Advanced Laboratory Testing and Implementation for Water Quality Enhancement (2 days)

- Introduction to the Water Quality Testing
- Langelier Index in Water
- Physical & chemical parameters – Practical & Hands On
- Data interpretation

All course dates as shown are correct at print time but subject to change.

ELIGIBLE FOR CPD · CPD POINTS

HRDCORP CLAIMABLE

Terms & Conditions

Registration Fees

- Registration will only be confirmed upon receipt of **Purchase Order (PO) or Letter Order (LO).** Program fee includes meals, course materials and certificate.
- All the registration fees are subjected to additional 8% SST

Normal fee	Early Bird	Group Fee
Sign up 1 pax	Sign up 2 pax	Sign up 3 pax or more
	5 % Discount	10% Discount
	PO or LO received 10 working days before course commence	

Cancellation Policy

- No cancellation is allowed within five (5) working days from the date of program.
- The participants will be liable for the training fee due to their last-minute cancellation.

Disclaimer

- Should circumstances beyond its control arise, the company reserves the right to reschedule the training.
- Minimum 5 participants are required for course to commence.
- Upon signing the registration form, you are deemed to have read & accepted the terms & conditions
- Participants shall be informed of any changes that may arise.

SCAN HERE TO REGISTER

Contact Us Now

ATTC TRAINING CENTRE SDN BHD

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