INSTEP is a Proven **Technical Provider**

INSTEP was awarded 2023 HRD Corp Award for Training Provider East Coast Region, which represents the company's trajectory toward innovation and excellence.

INSTEP contributions in developing Competent Persons and aligning the effort to Self-Regulations initiatives since 2016

Our Certified CePIETSO-BP Trainers

INSTEP is equipped with competent, experienced trainers in facilitating CePIETSO-BP programme.



HJ. AHMAD JAFREE BIN SALLEH

B.Sc. in Chemical Engineering. from Lamar University, Beaumont, Texas, USA. One of the Competent Person in CePIETSO (BP) in 2012.

(Competent Serial No: CePIETSO (BP) / 00101):

Member of CIPD, United Kingdom.



ROSLINA BINTI YATIM

B.Sc. in Chemistry from University Kebangsaan Malaysia. One of the Competent Person in CePIETSO (BP) in 2018 (Competent Serial No: CePIETSO (BP) / 00380).

Registered Chemist by Institut Kimia Malaysia and Certified Trainer and Assessor from Australia.

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CePIETSO-BP

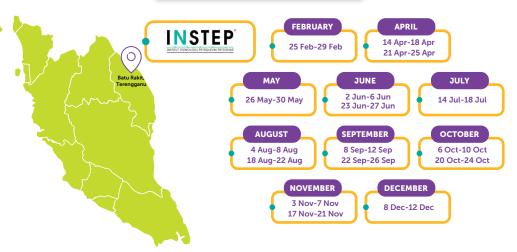
Course for Certified Environmental Professional in the Operation of Industrial Effluent Treatment System (Biological Processes)



Experiencing is Enriching

A progressive solutions partner enriching workforce for a sustainable future Certified Training Provider for EIMAS of the Department of Environment

Course Dates for 2024



CePIETSO-BP

Course Overview

Successful operation of an ITS is an integral part of the operation of a successful industry. INSTEP, certified training provider by EiMAS is conducting a training course to train your ITS operators and supervisor to be competent in operating ITS particularly in conducting performance monitoring of the ITS components. The competent operator or supervisor will ensure that the IETS is operating optimally while complying to legal requirement and industry best practices.

This 5-day unique training course focuses on hands-on approach is in fact the only one of its kind in Malaysia. A Certificate of Competency will be awarded to participants who successfully:

- Complete 5-day course
- Pass the examination
- Submit a field training report

Course Content

DAY 1

- Module 1: The ITS Operator
- Module 2: Understanding the Legal Framework
- · Module 3: Characteristics of Industrial Effluents
- Module 4: Overview of Industrial Effluent Treatment System
- Module 5: Biological Treatment Process
- Module 6: Rationale for Conducting Performance Monitoring of ITS

DAY 2

- Module 7: Performance Monitoring Parameters for an Activated Sludge Process- The Working Concept
- Module 8: How to Control Activated Sludge Process

DAY 3

- Module 9: Sampling
- Module 11: Data Analysis and Interpretation (Excel Statically Analysis)
- Module 12: Record Keeping & Reporting
- FTR Briefing

DAY 4

- Module 10: Introduction to Industrial Effluent Treatment System & Calibration and Maintenance of Equipment
- Module 10: In situ Measurement (PH, DO, Flow) Chemical Oxygen Demand (COD) sample dige
- Module 10: Biochemical Oxygen Demand (BOD) Chemical Oxygen Demand (COD)

DAY 5

- Module 10: Mixed Liquor Suspended Solids (MLSS) Mixed Liquor Volatile Suspended Solids (MLVSS) Sludge Volume 30 (SV30)
- Module 10: Oxygen Uptake Rate (OUR) Phosphate Ammonical Nitrogen
- Written Exam

Who Should Attend?

Responsible person to be in charge of the operation of an IETS at their work premise;
Supervisors of IETS.



Fees

RM5,000/pax (exclusive of 8% SST)

Payment should be made prior to attending the course



Location

Face-to-face (F2F)



Minimum Requirement

- Diploma or Degree in Science or Engineering **OR** Certificate from polytechnic or SKM Level 3 with 1 year experience
 - in IETS operation or handling OR

 SPM with 3 years experience in IETS operation or handling (company must submit copy of highest educational certificate with Job Description to confirm the experience)

Registeration Closing Date



Seats are limited to **25** people per session

Course Objective



- To impart knowledge to the IETS operators and supervisors on the importance of performance monitoring
- To develop skill on the conduct of IETS performance monitoring and evaluation of performance monitoring data

Methodology

- · Interactive Lectures
- Group Discussion
- Course Assignment
- Practical Training at INSTEP's IETS Training Center

Benefit of Attending the Course

 Able to comply the mandatory prerequisite of the competency certification program for IETS operators and supervisors



Scan QR code to register online!

Contact us for more information/registration



For inquiry/registration: Ahmad Syukri bin Abdul Rahman Email: syukri.rahman@petronas.com.my Call / WhatsApp: +609 6686 045 / +6017-541 7850 Office hour: 8.30 a.m. – 5.30 p.m., Sunday – Thursday

