

CePIETSO-BP

Course Overview

Successful operation of an IETS 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 IETS operators and supervisor to be competent in operating IETS particularly in conducting performance monitoring of the IETS 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 IETS Operator
- Module 2: Understanding the Legal Framework
- Module 3: Characteristics of Industrial Effluents and its discharge impact
- Module 4: Overview of Industrial Effluent Treatment System (IETS)
- Module 5: Biological Treatment Process
- Module 6: Rationale for Conducting Performance Monitoring of IETS

DAY 2

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

DAY 3

- Module 9: Sampling
- Module 10: Performance Monitoring Laboratory Session

DAY 4

- Module 10: Performance Monitoring Laboratory Session

DAY 5

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



CePIETSO-BP

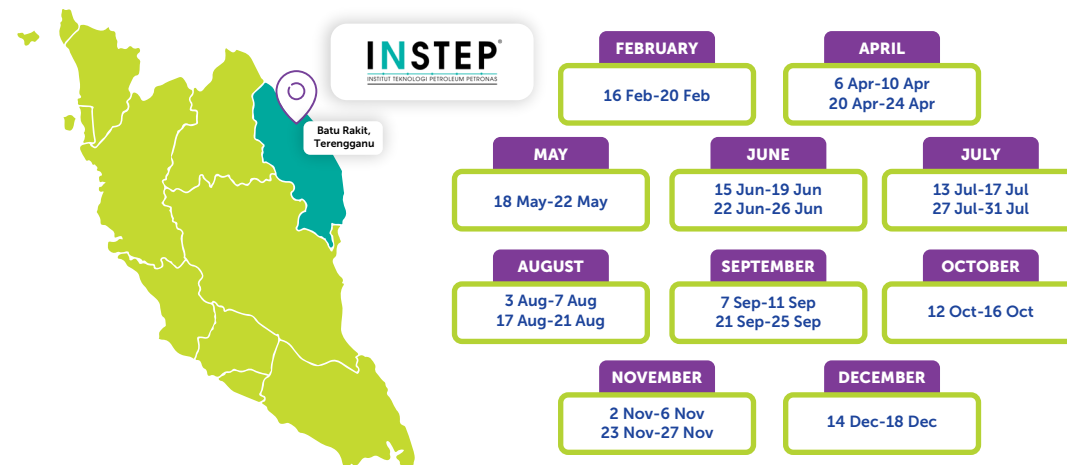
Course for Certified Environmental Professional in the Operation of Industrial Effluent Treatment System (Biological Processes)



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 2025



*Course dates for 2025
Refer to INSTEP Learning Calendar 2025

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
(without 8% SST)

Payment should be made prior to attending the course.

Location
Face-to-face (F2F)
at INSTEP

Minimum Requirement

- Malaysian citizen
- 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)

Registration Closing Date

14 days before the course started

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

- Written Exam
- 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 programme 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
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Call / WhatsApp: +609 6686 045 / +6017-5417850
Office hour: 8.30 a.m. – 5.30 p.m., Sunday – Thursday



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's contributions in developing Competent Persons to align with Self-Regulations initiative started 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.



Ts. Maizan Aza bin Mohamed Yusop

B.Eng. in Mechanical Engineering from Universiti Tenaga Nasional.
(Competent Serial No: CePIETSO (BP) / 00165).
Professional Technologist from MBOT

Over **40** years

of oil and gas technical training experience



More than **156,000**

Technical professionals trained



Training Capacity **1,000**

Trainees per year



Serving clients from over **50** countries



Industry & Technology Driven Technical Learning Solutions

to prepare global workforce of tomorrow

Customised Learning Solutions

to meet our clients' needs

Facilities as Testbed

learning facilities utilisation to support PETRONAS and industry research

International Certification

OPITO & BTEC approved oil and gas technical qualification centre

Capability Caretaker

to strengthen learners' competencies through blended learning

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