



# CePIETSO-BP

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



*Experiencing is Enriching*

A progressive solutions partner enriching energy workforce for a sustainable future and adding value to the Business and Stakeholders

Certified Training Provider for EIMAS of the Department of Environment



<b>April</b> 5 Apr - 9 Apr 19 Apr - 23 Apr	<b>May</b> 10 May - 14 May
<b>Jun</b> 7 Jun- 11 Jun 21 Jun- 25 Jun	<b>July</b> 12 Jul- 16 Jul
<b>August</b> 2 Aug - 6 Aug 16 Aug - 20 Aug	<b>September</b> 6 Sep- 10 Sep 20 Sep- 24 Sep
<b>October</b> 11 Oct - 15 Oct 25 Oct - 29 Oct	<b>November</b> 22 Nov - 26 Nov

## 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

- |              |  |
|--------------|--|
| <b>DAY 1</b> | <ul style="list-style-type: none"> <li>• Module 1: The IETS Operator</li> <li>• Module 2: Understanding the Legal Framework</li> <li>• Module 3: Characteristics of Industrial Effluents and its Discharge Impact</li> <li>• Module 4: Overview of Industrial Effluent Treatment System (IETS)</li> <li>• Module 5: Biological Treatment Process</li> <li>• Module 6: Rationale for Conducting Performance Monitoring of IETS</li> </ul> |
| <b>DAY 2</b> | <ul style="list-style-type: none"> <li>• Module 7: Performance Monitoring Parameters for an Activated Sludge Process</li> <li>• Module 8: How to Control Activated Sludge Process</li> </ul>   |
| <b>DAY 3</b> | <ul style="list-style-type: none"> <li>• Module 9: Sampling</li> <li>• Module 10: Performance Monitoring Laboratory Session</li> </ul>   |
| <b>DAY 4</b> | <ul style="list-style-type: none"> <li>• Module 10: Performance Monitoring Laboratory Session</li> </ul>   |
| <b>DAY 5</b> | <ul style="list-style-type: none"> <li>• Module 11: Data Analysis and Interpretation (Excel Statically Analysis)</li> <li>• Module 12: Record Keeping &amp; Reporting</li> <li>• FTR Briefing</li> <li>• Written Examination</li> </ul>  |



## Who Should Attend

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



## Fees RM5000/pax (Without 8% SST)

Payment should be made prior to attending the course



## Location Face-to-face (F2F)

at Institut Teknologi Petroleum PETRONAS (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

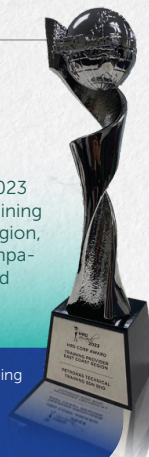


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Office Hour: 9:00 am - 5:00 pm, Sunday - Thursday

## 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.



**Ir. Ts. Maizan Aza bin  
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B.Eng. in Mechanical Engineering  
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INSTEP Website

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