



# CePIETSO-BP

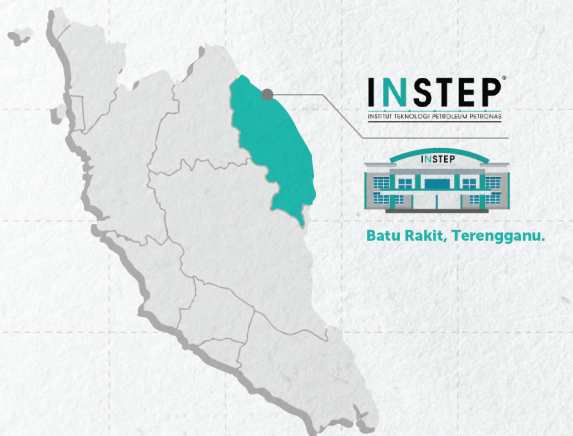
Course for Certified Environmental Professional in the Operation of Industrial Effluent Treatment System (Biological Process)



*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-days 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-days 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
  - Field Training Report Briefing
  - Written Examination

## 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)**

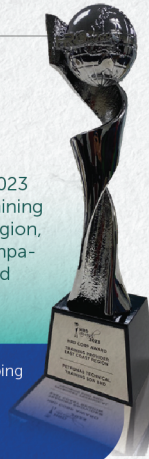
at Institut Teknologi Petroleum PETRONAS (INSTEP)



## 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



## About Us

Over **45** 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



**Experiential learning & testbed via UDTP**

UDTP offers hands-on learning to stimulate real-job environment

**Learning Technology, Innovation & Experience**

to prepare global workforce of tomorrow

**Strong collaboration with authority & industry**

Establish strong collaboration with authorities, regulatory & certification bodies to ensure high-quality programme

**International Certification & Accreditation**

OPITO & BTEC approved oil and gas technical qualification centre

**Competent Experienced Trained**

INSTEP is capable in delivering learning solutions as per global standard in meeting energy industry requirement

## 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

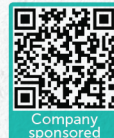
## Methodology

- 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!



Company sponsored



Self sponsored

## Contact us for more information/registration



Fatin Malyanah Abd Aziz / Nor Nisha Athirah Azmi  
fatinmalyanah.abdazi@petronas.com.my /  
normishaathirah.azmi@petronas.com.my  
Call/ Whatsapp: 0162366303 / 09-668 6000  
Office Hour: 9:00 am - 5:00 pm, Sunday - Thursday

## 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  
Mohamed Yusop

B.Eng. in Mechanical Engineering  
from Universiti Tenaga Nasional.  
One of the Competent Person in  
CePIETSO (BP) in 2018.  
(Component Serial No: CePIETSO  
(BP) / 00165).  
Professional Technologist (MBOT) and  
Professional Engineer (BEM)



Roslina Yatim

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

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INSTEP Website