

# Towards Performance Monitoring Reporting in IETS BP (Biological Process) and PCP (Physical Chemical Process)

12 CPD Approved by EiMAS

Organised by Greenvell (M) Sdn Bhd, Certified Training Provider by Department of Environment Malaysia

## COURSE INTRODUCTION

Performance Monitoring is the practical implementation of the "maintenance culture" that would assure at any IETS (Industrial Effluent Treatment System) facility that has been constructed of been installed will always function effectively and efficiently.

The performance of the IETS on a sustained basis (without interruption) is ensured resulting in improve mention regulatory compliance, enhancement in corporate image of the industries amelioration (kaizen/improvement) of water quality.

## COURSE OBJECTIVE

- ❖ To expose Competent Person/Participant on How To do Performance Monitoring on IETS (BP & PCP) according to stipulated regulations & **Guidance Documents by DOE**
- ❖ To give better understanding of **critical process**, parameters and tools required for Performance Monitoring of BP & PCT
- ❖ To enhance Competent Person/Participant knowledge & skills in developing **effective Reporting Technique**

## TRAINER/SPEAKER

Mr. Rahim Bin Hj Tambi

- ❖ HRDC Registered Trainer
- ❖ DOE/EiMAS Competent Person (IETS)
- ❖ Lead Auditor IMS (ISO 9001/14001/45001)



- ❖ More than 30 years of working experience in Multi Nasional Company (MNC) with specialization in industrial plating on automotive and electrical & electronics assembly working environment
- ❖ Having vast experience in operation, maintenance, trouble shooting and managing of IETS & WTP including IETS Performance Monitoring to DOE.

## Registration/Inquiry

Hotline (Call/WA) : 011 - 6417 6795

Email : [greenvellmsb@gmail.com](mailto:greenvellmsb@gmail.com)

## WHO SHOULD ATTEND

- ❖ Competent Person BP/PCP
- ❖ Individuals in organizations involved in operation & maintenance of IETS/WWTP
- ❖ Manager/Engineer/Executive/Technical Person
- ❖ EPMC Committee, HSE Committee
- ❖ EMS Auditor/Document Controller

## COURSE HIGHLIGHT

- ❖ Understanding of Biological Process & Physical Process Treatment and critical parameters to pay attention
- ❖ Findings the optimal Activated Sludge Nutrient Ratio
- ❖ Understanding the Plug Flow Pattern
- ❖ Best available method for removing Heavy Metal & Cyanide Destruction Detail Mechanism
- ❖ Troubleshooting Ammoniacal Nitrogen
- ❖ Optimizing Proportional Integral Derivative Gains in IETS
- ❖ Performance Monitoring Records and Case Study

## INVESTMENT FEE

**RM 2,200.00/pax \*\***  
(not include 6% SST charges)

\*\* Course Fee is variable base on location, please refer Course Schedule for details

\*\* HRDC Claimable Course under SBL-Khas



## COURSE SCHEDULE

Date	Venue	Platform	Course Fee
25-26 July 2023	Greenvell Training Center, Shah Alam	Physical Classroom	RM 2,200.00/pax
28-29 Aug 2023	Hotel Thistle, Johor Bahru	Physical Classroom	RM 2,500.00/pax
25-26 Sep 2023	Greenvell Training Center, Shah Alam	Physical Classroom	RM 2,200.00/pax
23-24 Oct 2023	Hotel Iconic, Penang	Physical Classroom	RM 2,500.00/pax
13-14 Nov 2023	Greenvell Training Center, Shah Alam	Physical Classroom	RM 2,200.00/pax
18-19 Dec 2023	Hotel Ming Garden, Kota Kinabalu	Physical Classroom	RM 2,500.00/pax

## COURSE TENTATIVE



### DAY 1

- **9:00 am - 10:30 am**  
Definitions ; industrial effluent and treatment, river pollution and its impact.
- **10:30 am - 10:45 am**  
AM Break
- **10:45 am - 1:00 pm**  
Nature of effluent in a Biological Process Treatment.
- **1:00 pm - 2:00 pm**  
Lunch
- **2:00 pm - 3:30 pm**  
Write-ups in Performance Monitoring Records
- **3:30 pm - 3:45 pm**  
PM Break
- **3:45 pm - 5:00 pm**  
Extended Aeration using plug flow pattern.

### DAY 2

- **9:00 am - 10:30 am**  
Definitions ; industrial effluent and treatment, Physical Chemical Treatment.
- **10:30 am - 10:45 am**  
AM Break
- **10:45 am - 1:00 pm**  
Theory of Coagulation and Flocculation. Coagulation Failure.
- **1:00 pm - 2:00 pm**  
Lunch
- **2:00 pm - 3:30 pm**  
Various Cyanide Destruction Detail Mechanism.
- **3:30 pm - 3:45 pm**  
PM Break
- **3:45 pm - 5:00 pm**  
Optimization of Unit operation to ensure fast and accurate process control.

# REGISTRATION FORM 2023

Upon submission of this registration form, you undertake the Registration Policies and have read and understood the terms and regulations.

## A. EVENT/SEMINAR/COURSE DETAILS

Event/Course Title	
Event/Course Date	
Registration Fees	<input type="checkbox"/> HRD Corp Claimable (SBL- Khas) <input type="checkbox"/> Direct Payment

## B. PARTICIPANTS DETAILS

No	Participant Names	IC No	Mobile No	Email
1	Name:			
2	Name :			
3	Name :			

## C. COMPANY DETAILS

Company Name	
Company Address (For Invoicing)	
Tel No/Fax No	
Email (For Invoicing)	
Contact Person Name (HR/Finance)	
Authorised Signature	Company Stamp/Chop

**NOTE THAT FULL PAYMENT HAS TO BE PAID BEFORE THE COURSE COMMENCE.**

**PLEASE EMAIL THIS FORM TO [greenvellmsb@gmail.com](mailto:greenvellmsb@gmail.com)**

**For enquiry, please contact us at 011-39250036/016-2044753**

### Payment terms and condition:

Please make payment by Cheque/Online Transfer to: "GREENVELL (M) SDN BHD". Co Reg: 1142426-T. Bank Name "CIMB BANK BERHAD". Bank Account No: **8007-5232-31** . Swift Code: CIBBMYKL.

Email for online payment : [greenvellmsb@gmail.com](mailto:greenvellmsb@gmail.com)

**Refund Policy : Non-Refundable**