IEM ACADEMY SDN BHD

REGISTRATION FORM

TRAINING COURSE ON EROSION AND SEDIMENT CONTROL PLAN (ESCP)

27 – 28 September 2019 , Wisma IEM, Petaling Jaya, Selangor

Tel: +603-79315296 Fax: +603-79582851 Email: manager@iemasb.com Website: www.iemasb.com

Name(s)	Mobile No.	Membership No. / Grade	Fees (MYR)
		Total Amount Payable:	

Company:_____

Address:_____

Mobile:_____Tel(O):_____Fax:_____

E-mail:_____
(Please write clearly as the Confirmation & Update will be sent via email to participants)

Contact Person:_____ Designation:_____

Signature:_____ Date:_____

PAYMENT METHOD

(a) Local cheque/Banker's cheque made payable to "IEM ACADEMY SDN BHD".

(b) Directly bank in or online transfer (Please forward soft copy of payment advice):-

Account Name: IEM ACADEMY SDN BHD
Account Number: 21403500139397
Bank Name: RHB Bank Berhad
Bank Address: No. 1, 3 & 5, Jln 52/18, PJ New Town Branch, 46050 Petaling Jaya, Selangor, Malaysia
Swift Code: RHBBMYKL

DATA PROTECTION ACT

I have read and understand the IEM's Personal Data Protection Notice published on IEM's website at http://www.myiem.org.my and I agree to IEM's use and processing of my personal data as set out in the said notice.

IEM ACADEMY SDN BHD

TRAINING COURSE ON EROSION AND SEDIMENT CONTROL PLAN (ESCP)

EVENT ORGANISED AND MANAGED BY: IEM ACADEMY SDN BHD

BEM Approved CPD/PDP Hours: 14.0
Ref. No.: IEM19/PP/004/C

Date	Location
27 - 28 Sept 2019	Wisma IEM, Petaling Jaya, Selangor

SPEAKER: Ir. FRANCIS NGIAM KEE HWEE

TIME: 8:30 AM – 5:30 PM

REGISTRATION FEES:

(for inquiry please call +03-7931 5296 or visit www.iemasb.com)

Grade	Online Fee	Normal Fee
IEM Member	**RM 1,007.00**	**RM 1,060.00**
Non Member	**RM 1,537.00**	**RM 1,590.00**

Closing for registration: 20th September 2019

Terms & Conditions

- ✓ We wish to remind that all registration fees must be FULLY paid before commencement of the course. IEM Academy Sdn. Bhd. reserves the right to refuse entry for participant(s) who have not paid their registration fees to attend the course. THIS REQUIREMENT WILL BE STRICTLY ENFORCED.
- ✓ Payment via CASH / CHEQUE / BANK-IN TRANSMISSION / BANK DRAFT / MONEY ORDER / POSTAL ORDER / LO / WALK -IN will be considered as NORMAL REGISTRATION
- ✓ FULL PAYMENT must be settled before commencement of the course, otherwise participants will not be allowed to enter the hall. If a place is reserved and the intended participants fail to attend the course, the fee is to be settled in full.
- ✓ Fee paid is not refundable.
- ✓ The Organizing Committee reserves the right to cancel, alter, or change the program due to unforeseen circumstances. Every effort will be made to inform the registered participants of any changes. In view of the limited places available, intending participants are advised to send their registrations as early as possible so as to avoid disappointment.

IEM ACADEMY SDN BHD

TRAINING COURSE ON EROSION AND SEDIMENT CONTROL PLAN (ESCP)

Introduction

Sediment is the number one pollutant in waterways. Sediment-laden runoff increases the Total Suspended Solid (TSS) and turbidity (NTU) of the receiving waters. Uncontrolled earth disturbance, deforestation and construction activities, exposed to rainfall and runoff, cause excessive erosion and sedimentation to the environment. The larger the exposed earth disturbance the higher risk of water pollution which can adversely impact the public health, safety and welfare. Therefore, qualified erosion and sediment control plan (ESCP) preparers must produce designs that allow proper management of earth disturbance activities including the associated processes and soils, and operators/ contractors must follow the plans and specifications, to minimize water pollution and prevent water quality violation. This 2-day training course is offered by IEM Academy Sdn Bhd for those who are interested to make a difference to the way earthworks are commonly being done.

Course Content

The course will focus on preparing an effective ESCP based on a systematic approach, ESCP implementation and best management practices (BMPs) inspection and reporting for water pollution risks mitigation. The course will cover the following topics to prepare the participants with practical knowledge and skill sets needed to deal with issues/ challenges as well as applicable regulatory requirements related to erosion and sediment control (ESC) and storm water pollution prevention. It will look at some examples and/or case studies and BMPs that are relevant to the Malaysia scenario.

- ESCP Preparation and Design Considerations
- Pre- & Post- Bulk Grading Design
- Erosion and Sediment Control Design and Selection
- ESCP Implementation Sequence
- Site Stabilization Plan
- ESC Inspection, Maintenance and Reporting

Objectives

By the end of the Workshop, the participants will be able to

- ✓ Understand the principles and typical important design considerations in preparing an effective ESCP
- ✓ Prepare a complete, clear and understandable ESCP based on a systematic approach
- ✓ Implement the ESCP and act on incidents in a timely manner.
- ✓ Perform proper inspection and reporting
- ✓ Mitigate water pollution risks
- ✓ **Understand the requirements of CPESC, CESSWI and CISEC certifications**
- ✓ **Know how to prepare for the professional certification exams**

Who should attend?

The course is designed for all professionals and practitioners who are involved in the design and construction of earthworks in development projects namely Engineers, Contractors, Developers, Planners, Environmental Auditors/ Scientists, Architects, Designers or Inspectors, Local Authority Officers, Installer/Vendors of Erosion & Sediment Control (ESC) products, Project Site Supervisors, Compliance Officers and / or Agency Representatives among others. Attendees **will learn more about Erosion and Sediment Control certifications and the respective exams through this course.**

About the trainer

Ir. Francis Kee Hwee Ngiam, PE (Arkansas, California and Malaysia), CESCL, CPESC, CPSWQ, CPISM, LEED AP(BD+C), CSP, CCEP, MBA.

Ir. Francis Ngiam's passion lies in People Development, Safety, Pollution Prevention, Customer/User Experience, and Partnership and Collaboration. He is an HRDF certified trainer and the co-founder of GPROTD Resources, a training and consulting company which offers professional training and development opportunities for individual and organizational growth and improvement.

Ir. Francis Ngiam is a licensed civil engineer in Arkansas, California and Malaysia. He started practicing engineering in 1997. As a practicing engineer, he has also been involved in Green Infrastructure and Green Building Design and Construction. This experience has led him to become a Leadership in Energy & Environmental Design Accredited Professional with expertise in Building Design & Construction (LEED AP BD+C). In addition, Mr. Ngiam has earned his Certified Safety Professional (CSP) and Certified Compliance and Ethics Professional (CCEP) through his employment and professional development in Environmental Health and Safety Compliance.

While holding two stormwater certifications and two erosion and sediment control certifications, **Mr. Ngiam is an approved trainer for the Certified Professional in Erosion and Sediment Control (CPESC) and Certified Professional in Storm Water Quality (CPSWQ) review courses**. He is also an authorized trainer for the Occupational Safety & Health Administration (OSHA) Outreach General Industry and Construction Industry training courses. He is in the process of becoming the approved trainer for the Certified Professional in Industrial Stormwater Management (CPISM) review course, and the State of Washington's Certified Erosion and Sediment Control Lead (CESCL) course.

Ir. Francis Ngiam has his Bachelor and Master degrees in Civil Engineering from Oklahoma State University. He also holds an MBA from Webster University. He is a member of the American Society of Safety Professionals (ASSP), Society of Corporate Compliance and Ethics (SCCE), Malaysia Association of Kansei Engineering (MAKE), Malaysian Stormwater Organisation (MSO) and Institution of Engineers Malaysia (IEM). **He is the Technical Committee Vice Chair and CPSWQ Program Committee Vice Chair for EnviroCert International Inc. (ECI), an international non-profit stormwater and environmental professional certification organization**. **ECI administers five Professional Certification Programs (i.e., CPESC, CPSWQ, CESSWI, CPMSM, and CPISM) in the United States and over twenty countries (including Malaysia)**.

Programme Outline

DAY 1

8.00am – 8.30am : Registration
8.30am – 10.30am : ESCP Preparation and Design Considerations
10.30am – 11.00am : Tea Break
11.00am – 1.00pm : Pre- & Post-Bulk Grading Design
1.00pm – 2.00pm : Lunch Break
2.00pm – 3.30pm : Erosion and Sediment Control Design and Selection
3.30pm – 4.00pm : Tea Break
4.00pm – 5.30pm : Exercise/Workshop

DAY 2

08.30 – 9.30am : ESCP Implementation Sequence
09.30am – 10.30am : Site Stabilization Plan
10.30am – 11.00am : Tea Break
11.00am – 12.00noon : ESC Inspection, Maintenance and Reporting
12.00noon – 1.00pm : Exercise/Workshop
1.00pm – 2.00pm : Lunch
2.00pm – 3.30pm : Exercise/Workshop
3.30pm – 4.00pm : Tea Break
4.00pm – 5.30pm : **Requirements of CPESC, CESSWI and CISEC certifications; and, How to Prepare for the Professional Certification Exams**