



ASSOCIATION OF
CONSULTING ENGINEERS
SINGAPORE

ACES One-day course on Eurocode 7: Geotechnical Design, Investigation & Testing [5th Run]

ACES Member / JAC RE & RTO:	S\$200/pax
Non-Member:	S\$360/pax

Date: ~~22 Oct 2016~~ **postponed to 18 Feb 2017 (Sat)**
Duration: 9.00 am to 5.30 pm
Venue: 18 Sin Ming Lane #06-01 Midview City
Singapore 573960

CPD: 7 PDUs

**Seats are limited: Registration is on a
'first come first served' basis.**

Synopsis

This course is organised to prepare civil, structural and geotechnical engineering practitioners, ground investigation and testing laboratories, builders and supervisory personnel for the understanding and adoption of the Eurocode 7 in Singapore.

The participants will be able to:

- appreciate the overall framework of Eurocodes;
- appreciate and understand the design approach based on Eurocode 7, with particular reference to SS EN 1997 and Singapore National Annexes on Geotechnical Design, Investigation and Testing; and
- understand the use of EC 7 for spread and pile foundations, embedded retaining wall, slope stability and embankment.

Trainer



Er. Yang Kin Seng is currently a Director with the Building and Construction Authority, regulating and overseeing the safety of buildings and geotechnical building works under construction in Singapore. Er. Yang has also served with the defunct Public Works Department as Assistant Chief Civil Engineer, Head (Roads, Planning and Design) and Head (Geotechnical Engineering). His involvement in civil, building and infrastructural projects ranges from roads, flyovers, bridges and expressways, including Changi Airport development, construction of schools and CTE tunnels, to parks and government buildings, as well as overseas projects in China and Brunei. He was the Chief Project Manager (Singapore) for the Singapore-Malaysia Second Crossing. Er. Yang was awarded Public Administration Medal (Silver) in 1998.

Er. Yang was a Colombo Plan Scholar, and graduated in BEng (First Class Hons) in Civil Engineering from University of Melbourne and a recipient of Trinity College Scholarship, CWN Sexton Scholarship, AJ Francis Prize and an Exhibition Prize. Er. Yang was also a Commonwealth Scholar, and obtained MSc (with Distinction) in Soil Mechanics and Engineering Seismology and awarded the Soil Mechanics Prize at Imperial College London. He also obtained MSc (Civil Eng) from NUS, and LLB (Hons) from the University of London. Er. Yang was a graduate and prize winner (Army) of Singapore Command and Staff Course. He was also a recipient of a NSmen of the Year Award, and his NS appointments include Commanding Officer of a Singapore Infantry Regiment.

Er. Yang is a Co-Chairman of SPRING Singapore's Eurocodes Review Advisory Committee, and a Co-Chairman of the Technical Committee on Civil and Geotechnical Works. He is a Professional Engineer and a Specialist Professional Engineer registered with the Professional Engineers' Board, and a Specialist Accredited Checker registered with the Building and Construction Authority. Er. Yang also conducts courses for engineers and industry practitioners at the BCA Academy.

Workshop Outline

8.30 am	<i>Registration</i>
9.00 am	Overview of Eurocodes, and Geotechnical Design using Eurocode 7 <ul style="list-style-type: none">• Overview of Eurocodes and Eurocode 7• Concepts : assumptions, principles, rules, actions, materials• Design Situations and Limit States• Basis of Design• Geotechnical Data
10.30 am	<i>Tea Break</i>
10.45 am	Geotechnical Investigation and Testing <ul style="list-style-type: none">• Geotechnical Investigation• Geotechnical Parameters• Geotechnical Design Report• Design Approach
12.30 pm	<i>Lunch</i>
1.30 pm	Illustrations on the use of Eurocode 7 <ul style="list-style-type: none">• Spread Foundation• Piled Foundation• Embedded Retaining Wall• Hydraulic Failure• Overall Stability• Serviceability Aspects
3.00 pm	<i>Tea Break</i>
3.15 pm	Supervision of Construction, Monitoring and Maintenance <ul style="list-style-type: none">• Supervision of Construction• Inspection and Control• Monitoring and Maintenance <i>Q & A session</i>
5.30pm	<i>End of Workshop</i>

REGISTRATION FORM

For enquiry, please call ACES Secretariat at Tel: 6324 2682, Kindly sign and submit your completed registration to registration@aces.org.sg

Code	Topic	Trainer	Fee per pax	Schedule
W24	Eurocode 7: Geotechnical Design, Investigation & Testing [5th Run]	Er. YANG Kin Seng	Member: \$200 Non-member: \$360	18 Feb 2017 (Sat) 9.00 am to 5.30 pm

S/N	*Name	PE No.	RE No.	RTO No.	ACES M'ship No.
1.					
2.					
3.					

Company:

Address:

Postal code:

***Contact Person:**

***Mobile No.:**

***Email:**

Dietary Requirements (if any) : Vegetarian _____ no. of pax

PAYMENT

Enclosed is a Cheque No: _____ (Cheque should be made payable to **Association of Consulting Engineers Singapore** and mailed to ACES Secretariat, Association of Consulting Engineers Singapore, 18 Sin Ming Lane #06-01 Midview City Singapore 573960)

Terms and Conditions

By submitting and signing this application form, the company and individual applicant agree to the following:

- a) The company and individual applicant has read and understood the terms of the flyer (if available) and the application form.
- b) Payment for the course must be made before the course commencement date.
- c) ACES reserves the right to amend any details relating to the course, revise the course fees without prior notice, cancel or postponed the course.
- d) Request for withdrawal or replacement must be made in writing. Requests are subject to approval by ACES.
 - Written request for replacement must reach ACES before the course commencement date. There will be no additional charges for suitable replacement
 - Written request for withdrawal that reaches ACES
 - ◆ **At least At least 7 working days before course commencement: Full Refund**
 - ◆ **4 to 6 working days before course commencement: 50% of the course fee Refund**
 - ◆ **3 working days before and upon course commencement: No Refund**

To be completed by Company and Individual Applicant

COMPANY APPLICANT

Name: _____

Signature: _____

Date: _____



INDIVIDUAL APPLICANT

Name: _____

Signature: _____

Date: _____