Certificate in

Concrete Technology

INTRODUCTION

With effect from 1 October 2010, for Ready-Mixed Concrete (RMC) Certification, Building and Construction Authority (BCA) will require batching plants to be certified by certification bodies accredited under Singapore Accreditation Council's Accreditation Scheme. This RMC certification will be based on the new Singapore Standards SS EN 206 (Concrete – Specification, performance, production and conformity) and SS 544 (Concrete – Complementary Singapore Standard to SS EN 206).

This certificate course in Concrete Technology is organised by American Concrete Institute-Singapore Chapter (ACI-SC) to familiarize technical personnel in the concrete industry with the certification scheme. The certificate of this course is required by SAC CT05 for auditors/inspectors of certification body for RMC plant and SAC CT06 for technical managers and QAQC Managers for RMC.

OBJECTIVES

The course is based on the new SS EN 206 and its compulsory standards SS 544-1 & 2. It gives interpretation of these standards and provides guidance to the production and conformity control of concrete. The course is a continuing education and training programme for engineers and supervisors who are involved in the concrete industry. The course will be particularly beneficial for technical personnel working in concrete production and at the construction sites. Developers or design office personnel who wish to understand the new concrete standards or to acquire specialised knowledge in concrete technology will also find this course useful.

CONTENTS

LESSON 1

- Introduction
- Constituent materials of concrete
- Properties of concrete
- Production of concrete

LESSON 2

- Mix Design
- Methods of Specifying Concrete

LESSON 3

- Production control (processes)
- Production control systems
- Conformity control

LESSON 4

- General concrete construction systems & applications

In keeping with our green and sustainable practices, course notes will be available in e-format.

LECTURERS

MR LU JIN PING, President, ACI Singapore Chapter
DR TAN JUNYEW, Director, ACI Singapore Chapter
DR GENG GUOQING, Director, ACI Singapore Chapter

TRAINING DATE (14TH RUN)

Date:	**1st - 2nd Nov 2023**
Duration:	12 hrs + 2 hrs (exam)
Time:	9.00am to 4.30pm (Day 1) 9.00am to 6.00pm (Day 2)
Exam on Day 2 :	4.00pm to 6.00pm
Venue:	**Holiday Inn Singapore Orchard City Centre**

Fees: S$800.00

Each completed application form should be accompanied by full fees **(S$800.00)**. The payment should be made by cheque payable to "**ACI (Singapore Chapter)".** The cheque is to reach the following address before the closing date:

American Concrete Institute - Singapore Chapter
ACI-SC Educational Committee
13 Hillview Crescent
Singapore 669437

You may also pay via **internet banking** before the closing date:

ACI (Singapore Chapter)
Bank Code: 7171
Branch Code: 028
Account No: 0280025505

Telegraphic Transfer

Bank: DBS Bank Ltd Address: 12 Marina Boulevard, Marina Bay Financial Centre Tower 3, Singapore 018982，Bank Code: 7171，Branch Code: 028，Account No: 0280025505，
Swift Code: DBSSGSG (Please email a copy of the TT slip to us. **The payer is responsible for all bank charges incurred)**

CPD POINTS

PEB: 11

ASSESSMENT & AWARD

Participants must achieve at least 75% attendance to sit for a 2-hr end-of-course examination. Those who pass the examination will be issued the Certificate of Successful Completion of the course. Participants who are not successful in the end-of-course examination will be allowed to sit for retest once. Should the participant fail the retest, he will be issued with a Statement of Attendance.

WHO SHOULD ATTEND

- Architects
- Contractors
- Consultants
- Concrete Suppliers
- Developers
- Engineers
- Project Managers
- Site Engineers
- Site Supervisors
- Suppliers
- Sub-Contractors
- Technical Officers

REGISTRATION

To register, please fill up the registration form by the following link:

To register, please **Click HERE**

CONTACT PERSON

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