



NATIONAL READY-MIXED CONCRETE ASSOCIATION OF MALAYSIA

PERSATUAN KEBANGSAAN KONKRIT SIAP BANCUH MALAYSIA

# Introduction to Concrete Technology

8.30 am	Registration of participants.
9:00 am	Historical Perspective of Concrete.
9:45 am	What is Concrete?
10.00 am	Tea Break
10.15 am	Materials for Concrete Cement Aggregate & Sand Water for Making Concrete Admixtures
11:30 am	Production of Concrete Types of Batching Plants Material Receiving & Storage Production Flow Batching & Mixing
12:30 pm	Lunch break
1:30 pm	Properties of Concrete Fresh Concrete Workability Cohesiveness Segregation & Bleeding Setting Curing  Hardened Concrete Durability
3.30 pm	Tea Break
3.45 pm	Concrete Problem at Site Action to Verify Concrete Quality Action Relating to Valid Compliance Failure Questions and Answers
5.00 pm	End



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# **Introduction to Concrete Technology**

## **OBJECTIVE**

This course aims to introduce the essence of concrete technology to new comers of the concrete industry. It also helps to enhance the operatives working in the concrete batching plants to have a more complete picture of the industry.

Ready mixed concrete companies are encouraged to send all their employees including sales, human resource, finance and administrative staff to attend this training in order that they are at the least familiar with the industry they are employed for.

Related trades such as cement, sand and aggregate suppliers are also encouraged to attend this course to gain a basic knowledge of the industry which is by far the most important customers of theirs.

## **OVERVIEW**

Named as "Introduction to Concrete Technology", this course covers historical perspective of concrete, materials for concrete, production of concrete with different types of batching plants and action to tackle the site problems of concrete..

## **TARGET GROUP**

This course targets to bring the basic knowledge of the concrete technology to all new comers. All those who are employed in the ready-mixed concrete industry ought to attend this course.

## **FEES**

\*Members of ACI & NRMCA: RM300.00 per participant

\*Non-members: RM350.00 per participant.

Tea breaks and lunch are provided.

Participant will be presented with a Certificate of Attendance

## **VENUE**

NRMCA Training Room,  
13-1, 1st Floor, Jalan Sepah Puteri 5/1 B,  
Pusat Dagangan Seri Utama PJU 5,  
Kota Damansara, 47810 Petaling Jaya,  
Selangor Darul Ehsan, Malaysia.



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# **Introduction to Concrete Technology**

## **Bio Data of the Trainer**

### **Mr. Ting Hong Yew**

Ting Hong Yew was the Deputy General Manager of Mega Pascal Berhad till May 2005. He graduated with Diploma in Advanced Concrete Technology from Institute of Concrete Technology, United Kingdom in 1993, Diploma in Management from Malaysian Institute of Management, KL in 1998, and he obtained a Master degree in Business Administration from University of Sunderland, London in 2003. Mr. Ting is a member of Institute of Concrete Technology (MICT), United Kingdom since 1993 and a Licentiate of City & Guild Institute, London in 1995. He has more than fifteen years' working experience in ready-mixed concrete industry. He began his career as Concrete Technician in Sykt. Siap Kon Sdn Bhd and a year later, he was promoted to Plant Supervisor and subsequently to Quality Controller, responsible for quality related activities (1985-1989). He also worked as Quality Control Executive with Sun-Mix Concrete Sdn Bhd (1989-1993) and joined Cygal Concrete Sdn Bhd as Technical Manager (1993-1994) before joining Mega Pascal Bhd as Operations Manager in 1994.

Currently, he is a partner of B S EN Test Sdn Bhd. The company provides testing services mainly for the construction industry