



## **MEGA JATI ACADEMY SDN BHD**

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# **In situ Tests for Geotechnical Engineering**

TRAINING ID: MJA/CNS/2020/007

**By**

**MEGA JATI ACADEMY SDN BHD**

**Jalan Marikh U5/174,**

**CB Seksyen U5,**

**40150 Shah Alam, Selangor**

**2020**

# **In situ Tests for Geotechnical Engineering**

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## **1.0 INTRODUCTION**

Depending on the type of development and project, several types of in situ tests can be conducted during the exploration and construction period. In many cases, the soil properties evaluated from the in situ tests yield more representative values. Better quality of sample at site provides better accuracy results due to elimination of sample disturbance during soil exploration. The will assist to provide more accurate parameter for design purposes. The conventional in situ test available will assist to evaluate the ground condition and the modern test make the assessment easier. In most cases, the Cone Penetrometer Test (CPT) has become the preferred in situ test for most soil conditions. Non-destructive method to investigate the soil stratification using geophysical surveys provides alternative method that requires shorter time frame and easier to be conducted in challenging site condition.

## **2.0 COURSE OBJECTIVES**

The objectives of the course are:

- 1) To provide participants with necessary knowledge on the principle of in situ test.
- 2) To provide participants with knowledge in term of test results and interpretation of data.
- 3) To allow participants to experience hands on training on the in situ test.

## **3.0 LANGUAGE & LOCATION:**

The course material will be in English and Malay. Lectures will be held in the Client's Facilities.

**4.0 COURSE FEE:**

<b>NO</b>	<b>METHOD OF PAYMENT</b>	<b>ACCOUNT NAME</b>	<b>BANK</b>	<b>ACCOUNT NUMBER</b>
1.	Cek / <i>Online Transfer</i>	Mega Jati ACADEMY Sdn Bhd	Bank Islam Malaysia Berhad	1427-401000-7241
2.	LO / HRDF	Mega Jati Consult Sdn Bhd	Maybank Banking Berhad	5142-7132-6182
3.	e-Perolehan	Mega Jati Consult Sdn Bhd	Nombor e-Perolehan Pembekal eP-140010377	

For help and further information please contact

1) Account: Miss Ria : 012 349 8656

2) Training: Miss Zahafarina : 017 419 3031

**5.0 COURSE OUTLINE**

<b>COURSE</b>	<b>IN SITU TESTS FOR GEOTECHNICAL ENGINEERING</b>		
<b>DURATION REQUIRED</b>	2 DAYS	<b>LEARNING TIME</b>	16 HOURS
<b>METHOD OF LEARNING</b>	LECTURE, SOFTWARE, DESIGN CALCULATION WORKSHOP, AUDIO VISUAL PRESENTATION		
<b>CPD AWARDED</b>	CIDB 20 CPD FOR EACH PARTICIPANT / HRDF CLAIMABLE		

<b>TIME</b>	<b>8.30 AM – 10.30 AM</b>	<b>10.30 AM 11.00 AM</b>	<b>11.00 AM – 12.30 PM</b>	<b>12.30 PM 2.30 PM</b>	<b>2.30 PM 5.30 PM</b>
<b>DAY</b>					
<b>FIRST DAY</b>	<b>INTRODUCTION TO IN SITU GEOTECHNICAL TEST</b>	<b>BREAK</b>	<b>GEOPHYSICAL SURVEY</b>	<b>BREAK</b>	<b>DEMO/PRATICAL TRAINING 1</b>
<b>SECOND DAY</b>	<b>CONVENTIONAL IN SITU TEST</b>		<b>CONE PENETRATION TEST (CPT)</b>		<b>DEMO/PRATICAL TRAINING 2</b>

*\*Subject to final changes*

## 6.0 COURSE SPEAKER

*\*Subject to final changes.*

**-END-**

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