



# **MEGA JATI ACADEMY SDN BHD**

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## **C&S DESTRUCTIVE AND NON DESTRUCTIVE TESTING**

TRAINING ID: MJA/CNS/2020/006

**By**

**MEGA JATI ACADEMY SDN BHD**

**Jalan Marikh U5/174,**

**CB Seksyen U5,**

**40150 Shah Alam, Selangor**

**2020**

# **DESTRUCTIVE AND NON-DESTRUCTIVE TESTING FOR CONCRETE AND REBAR**

TRAINING ID: MJA/CNS/2020/006

## **1.0 INTRODUCTION**

The designed and built reinforced concrete structure should have high quality material to ensure that the structure can maintain its serviceability and intended function along its design life. Therefore, in order to ensure required quality and characteristic of concrete and rebar is attained, a series of tests must be done. The tests can be divided into two i.e. destructive and non-destructive test. Both tests must be done according to relevant standard.

This seminar explain the important of material testing, concrete and rebar related testing, the procedure of testing, sampling, testing results interpretation and associated guideline or requirement by JKR such as JKR Standard Specifications for Building Works 2014.

## **2.0 COURSE OBJECTIVES**

The objectives of the course are:

- 1) To understand the testing requirement based on JKR standard specifications for building works 2014
- 2) To learn the procedure, sampling and results interpretation
- 3) To gain experience in using NDT equipment

## **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>DESTRUCTIVE AND NON-DESTRUCTIVE TESTING FOR CONCRETE AND REBAR</b>		
<b>DURATION REQUIRED</b>	2 DAYS	<b>LEARNING TIME</b>	16 HOURS
<b>METHOD OF LEARNING</b>	LECTURE, AUDIO VISUAL PRESENTATION, PRACTICAL INVOLVES TESTING EQUIPMENTS		
<b>CPD AWARDED</b>	CIDB 20 CPD FOR EACH PARTICIPANT / HRDF CLAIMABLE		

<b>TIME</b>		<b>10.30 AM 11.00 AM</b>		<b>12.30 PM 2.30 PM</b>	
<b>DAY</b>	<b>8.30 AM – 10.30 AM</b>		<b>11.00 AM – 12.30 PM</b>		<b>2.30 PM 5.30 PM</b>
<b>FIRST DAY</b>	<b>IMPORTANCE OF CONSTRUCTION MATERIAL TESTING</b>	<b>BREAK</b>	<b>REQUIREMENT FOR TESTING ACCORDING TO RELEVANT STANDARD</b>	<b>BREAK</b>	<b>FRESH AND HARDENED CONCRETE TEST</b>
<b>SECOND DAY</b>	<b>RELATED TEST FOR STEEL REINFORCEMENT</b>		<b>NDT TEST FOR CONCRETE AND REBAR</b>		<b>PRACTICAL SESSION FOR NDT</b>

\*Subject to final changes

## 6.0 COURSE SPEAKERS

*\*Subject to final changes.*

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