



MEGA JATI ACADEMY SDN BHD

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Structural Forensic Investigation

TRAINING ID: MJA/CNS/2020/001

By

MEGA JATI ACADEMY SDN BHD

Jalan Marikh U5/174,

CB Seksyen U5,

40150 Shah Alam, Selangor

2020

Structural Forensic Investigation

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1.0 INTRODUCTION

Accidents in construction in the form of failure of buildings under construction increased yearly with the increase in construction development in the country. Generally, failure in construction is due to lack of awareness of safety management and basic engineering knowledge such as material properties, geotechnical and structural mechanics, and civil engineering design. In this workshop, technique of how to conduct forensic investigation is discussed, as well as measures to be taken to prevent the occurrence of such accidents. The integrity of data collection and investigation report is emphasized in this short course, because the integrity of report depends on the integrity of data. The integrity of data is in turn depends on the competency of personnel who collect and prepare samples, doing the test, analyse the computational and test results and designing the whole process of the investigation. For a better understanding, summary of investigations on typical few cases are presented.

2.0 COURSE OBJECTIVES

The objectives of the course are:

1. To learn the general technique of how to conduct forensic investigation of structural failure.
2. To learn about the integrity of investigation report through the accreditation of laboratory and competency of personnel.
3. To learn how to write forensic investigation report.
4. To learn the actual investigation procedure through some case studies of structural collapse.

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:

NO	METHOD OF PAYMENT	ACCOUNT NAME	BANK	ACCOUNT NUMBER
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

COURSE	STRUCTURAL FORENSIC INVESTIGATION		
DURATION REQUIRED	2 DAYS	LEARNING TIME	16 HOURS
METHOD OF LEARNING	LECTURE, AUDIO VISUAL.		
CPD AWARDED	CIDB 20 CPD FOR EACH PARTICIPANT / HRDF CLAIMABLE		

TIME	8.30 AM – 10.30 AM	10.30 AM 11.00 AM	11.00 AM – 12.30 PM	12.30 PM 2.30 PM	2.30 PM 5.30 PM
DAY					
FIRST DAY	INTRODUCTION TO STRUCTURAL FORENSIC INVESTIGATION	BREAK	STRUCTURAL ENGINEERING AND CONSTRUCTION	BREAK	FORENSIC INVESTIGATION PROCEDURE
SECOND DAY	CASE STUDIES OF FORENSIC INVESTIGATIONS		INTEGRITY OF DATA		CASE STUDIES OF FORENSIC INVESTIGATIONS & DISCUSSION

**Subject to final changes*

**Speakers will be disclosed upon request*

6.0 COURSE SPEAKER

**Subject to final changes.*

-END-

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