



**Asia Masters Center**

## Existing Structures Assessment



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### Course Objective

- Understand more about NDT equipment through hands-on experience.
- Diagnose problems and assess strengths and weaknesses of structural materials.
- Plan and conduct a condition survey for concrete, masonry, wood and metal structures.
- Develop a condition survey inspection checklist.
- Evaluate test data statistically.
- Learn how to effectively interpret and use destructive and nondestructive test results.
- Who Should attend:
- Design a materials evaluation program for your structural condition assessment projects.
- Select the best destructive and nondestructive testing techniques for your projects.
- Identify the limitations of various nondestructive testing techniques.

## ➔ Target Audience

- Engineers
- Architects
- Designers
- Contractors
- Developers
- Inspectors

## ➔ Course Outline

- Conducting a Condition Survey
- Planning the Evaluation
- Statistical Procedures
- Destructive and Nondestructive Testing for
- Concrete and Masonry
- Pros and Cons of Nondestructive Testing
- Establishing Strength and Quality of In-Place
- Concrete and Masonry
- Hands-on NDT Workshop
- Evaluating Cracks in Concrete and Masonry
- Analyzing Wet Masonry Walls
- Evaluating Corrosion
- Interpreting and Using Destructive and
- Nondestructive Test Results
- Conducting Condition Surveys of Wood and
- Metal Structures
- In-Place Evaluation of Wood-Based Materials and Metals
- Planning the Evaluation
- Inspection Procedures



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- Destructive and Nondestructive Testing of Wood-Based Materials and Metals
  - Establishing In-Place Strengths for Wood and Metals
  - Understanding the Limitations of Nondestructive Testing
  - Hands-on NDT Workshop
  - Investigating Defects and Damage
  - Evaluating Wood and Steel Connections
  - Case Studies
  - Interpretation and Use of NDT Results
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- **The Feature Of Asia Master Training And Development Center**
    - we pick up the customer from the airport to the hotel.
    - we give the participant training bag includes all the necessary tools for the course.
    - Working within groups to achieve the best results.
    - All our courses are confirmed and we do not postpone or cancel the courses regardless of the number of participants in the course.
    - We can assist you in booking hotels at discounted prices if you wish to book through us.
    - We offer the certificate from Asia Masters Center for Training and Administrative Development.

➔ **The Cost Of The Training Program Includes The Following:**

- 1) Scientific article on flash memory.
- 2) Training Room.
- 3) Training.
- 4) Coffee break.
- 5) The training bag includes all the tools for the course.

**Price (USD)**

**Communicate with the training department  
to know the participation fees**

➤ **There are offers and discounts for groups**

**The details of the bank account**

**Bank name: CIMB Bank Berhad  
Account name: Asia Masters Center SDN. BHD  
Bank account number: 80-0733590-5  
Swift code: CIBBMYKL  
IBAN: Null**