

Building Condition Assessment Training program

Description:

As buildings age, those responsible for them must get involved with condition surveys. These individuals have to evaluate materials, conduct destructive or non-destructive tests, evaluate results and decide on the necessary actions for structural rehabilitation. This seminar explains the step-by-step procedures for conducting a condition survey of concrete, steel, timber and masonry structures, HVAC, mould, plumbing, electrical and fire safety systems.

The strengths and limitations of destructive and non-destructive techniques, along with their suitability for a variety of situations, are discussed.

Who Should Attend?

- Structural Engineers
- Project Engineers & Managers
- Consulting Engineers
- Designers
- Facility Supervisors & Managers
- Building Services Managers
- Technicians & Technologists
- Capital Asset Personnel
- Inspection Personnel
- Architects

After participating in this course, you will be able to:

- Follow the visual inspection methods used by specialists
- Use the latest destructive and non-destructive investigation techniques when conducting a building condition survey
- Select destructive and non-destructive testing techniques based on their strengths and limitations, and suitability to your concrete, steel, timber and masonry structures
- Interpret building system results
- Assess the useful life of the building systems and the whole building

Course Outline:

- Assessing Building Conditions
- Structural Condition of Wood, Steel & Concrete
- Foundations
- Building Envelope: Testing & Monitoring
- Roofing, Doors & Windows
- HVAC Components & Plumbing Systems
- Electrical Systems
- Site Elements & Life Expectancy
- Review Condition Reports & Case Studies
- Building Condition Assessment Reports & Case Studies