



The outline of 《Construction Safety Officer Course》

Duration: Total 150 hours

Contents :

Part I : Occupational Safety

A. Basic safety knowledge in the construction industry :

- a). Working at height ;
- b). Working platform ;
- c). Scaffolding ;
- d). Access and ladder ;
- e). Machine guarding ;
- f). Demolition ;
- g). Excavation ;
- h). Electrical safety ;
- i). Fire safety and prevention ;
- j). Welding and flame cutting safety ;
- k). Portable tools, power tools and cartridge operated fixing tools ;
- l). Personal protective equipment ;
- m). Good housekeeping of workplace.

B. Machine, Transportation and Load handling :

- a). Lifting appliances and lifting gear ;
- b). Lifting safety ;
- c). Material hoist and passenger hoist ;
- d). Suspended working platform and slung scaffold

C. Examination.

Part II : Occupational Health

- A. Occupational health hazards outline.
- B. Monitoring and risk assessment of occupational health hazards.
- C. Prevention and control measures of occupational health hazards.
- D. Occupational diseases outline.
- E. Classification and labeling of chemicals.
- F. Occupational noise and hearing protections.
- G. Confined spaces and permit-to-work system.
- H. Examination.

Part III : Safety management system

- A. Safety management skills.
- B. Safe working system.
- C. Safe working procedures.
- D. Occupational safety and health committee.
- E. Safety training.
- F. Safety communication, coordination and promotions.
- G. Emergency plans.
- H. Accident/Incident Investigation.
- I. Occupational safety and health charter.
- J. Safety inspections and preparation of written reports.
- K. Examination.

Part IV : Legislation

- A. OSH Legislation.
- B. Decree-law No. 40/95/M (Legal Regime on Compensation for Damage Arising from Work Accidents and Occupational Diseases).
- C. Practical operation.
- D. Examination.