



Civil Engineering

Effective Construction Site Management

Course Introduction

One of the most important responsibilities of a site manager on a construction worksite is to ensure that quality control, health and safety checks, and other safety inspections are carried out correctly. This is a very important role because a simple mistake or small oversight when it comes to safety can cause a serious incident that can result in injury or even death for a worker. A faulty scaffolding or piece of machinery, a lack of safety harnesses, failing to check for hazards before entering a confined space can all result in tragically devastating consequences for the worker and their family.

Quality Control and Safety During Construction Course provides a comprehensive introduction to the functions and objectives of site management.

Candidates are presented with a detailed overview of the construction industry, the fundamentals of construction project planning and the importance of quality control, it is about overall planning, controlling, and coordination of a project from start to finish. Construction managers supervise and direct the operations on construction projects. They ensure that construction projects are completed safely, on time, and within the approved budget.

Target Audience

- civil engineers.
- Experienced Civil Engineers Seeking Professional Development
- Architects and Urban Planners
- Entrepreneurs in the Construction Industry

Learning Objectives

- Plan and manage the work of sub-contractors
- Manage quality control on a construction site
- A detailed understanding of the mechanics of construction projects
- The duties and responsibilities of site management personnel
- Detailed knowledge of all essential site planning processes
- Advanced expertise in the management of materials, equipment, storage, vendors, human resources and cost-control
- Manage legislative requirements for health, safety and welfare practice within a construction site
- Estimate and measure work

Course Outline

• DAY 01

Introduction to Quality Control and Safety During Construction

- Features of Construction Industry·
- Mobility of Facilities·
- Multiplicity of Agencies·
- Access To Site And Site Roads·
- Types of Construction·
- Temporary Services·
- Storage for Materials·
- Storing Various Construction Materials Lime·
- Roofing Materials ·
- Site Protection·
- Additional Security Measures to Take

• Day 02

Managing the Quality of Construction Works

- Quality systems, procedures and standards for construction works

- Management of systems to monitor and control the quality of work
- Use of recycled and recovered materials and quality control

• Day 03

Managing Health, Safety, Welfare and Risk in Construction Works

- The application of current Construction Design and Management (CDM) regulations, or equivalent
- Health, Safety and Welfare legislation and influences on working practices in the construction industry
- Health, Safety and Welfare management on construction projects

• Day 04

Estimating and Measuring Work within a Construction Environment & Construction Site Traffic Management

- Estimation processes for a construction tender
- Producing a valuation for construction work
- Minimising vehicle movements
- Reversing vehicles
- Signs, warning devices and visibility
- Traffic Management
- Traffic management plans

• Day 05

Managing Sub-Contractors within a Construction Environment

- Site Managers in the selection of sub-contractors following industry best practice
- Planning the work of sub-contractors in accordance with industry standards
- Managing sub-contractors on site
- Managing the conservation of traditional building

Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
April 7, 2025	April 11, 2025	5 days	4250.00 \$	UAE - Dubai

FROM	TO	DURATION	FEEs	LOCATION
Aug. 4, 2025	Aug. 8, 2025	5 days	4950.00 \$	England - London
Oct. 13, 2025	Oct. 17, 2025	5 days	4250.00 \$	UAE - Dubai