

# Construction Managing Skills

## The Methodical Approach to Project Management

### Introduction

The significance and applicability of effective and realistic techniques required to attain proficiency for professionals engaged in construction supervision will be covered in this Course N Carry Construction Managing Skills training course. The final stage of a project's lifetime, which includes procurement, construction, advanced design, preliminary design, and feasibility, is construction supervision.

In addition to their technical expertise, oversight teams must comprehend the administrative and supervisory abilities necessary for the successful completion of projects. For construction sites to have the best chance of success, they need to be well managed, supervised, and risk-free. If it is not properly handled and controlled, there could be a significant risk and subsequent damage. This course provides an introduction to the useful tools for managing project time and cost. Furthermore, the rates of achievement and the amount of money spent at any point during the project can be used to forecast the project's eventual cost and duration.

### **This training session on Course N Carry will emphasise:**

- Using Construction Project Management Techniques in Practice
- Strategies for Cooperation and Coordination
- Recognise the important factors influencing project and site performance.
- Strategies for meeting deadlines and multitasking on the job site
- Creative methods for supervising building sites to ensure project success
- Handling difficult and complicated changes, disagreements, and claims

### Objectives

### **Participants in this Course N Carry training course will be capable of the following by the end:**

- In order to satisfy site work needs, evaluate and manage work techniques, resources, and systems.
- Participate in maintaining progress, quality, and cost control at the construction site.
- Create fruitful working connections, control claims, modifications, and confrontations
- Study of progress payment administration and cost control.
- Organise project meetings and oversee team and individual performance.

### Training Methodology

The Course N Carry Construction Managing Skills training programme will employ a range of tried-and-true adult learning strategies, including team building activities and group discussions, to guarantee that the material is understood, comprehended, and retained to the fullest. This involves talking about each person's objectives to make sure their requirements are met as much as feasible. Throughout, participants are encouraged to ask questions in order to debate particular problems and, if possible, come up with suitable solutions.

## Organizational impacts

**The following will enable the organisation to grow and improve its capabilities in Construction Supervision:**

- Increased capacity for site supervision, control, and monitoring
- Enhanced superior site monitoring to guarantee smooth coordination and cooperation between different building parties
- Avoiding and expertly negotiating complicated situations, problems, and challenges on construction sites
- Skilful handling of intricate modifications, assertions, and rebuttals on the building site
- The standard of choosing the project's structure and honing management abilities
- Acquiring the ability to manage expenses and time effectively can help save wasted funds and time.

## Personal Impact

**Participants in this Course N Carry training programme will be able to broaden their skill sets and abilities in the following areas:**

- Efficient management of diverse building site situations
- Speaking with and interacting with hard-to-please stakeholders
- Planning, scheduling, and resource allocation at different stage gates comprise milestone management.
- Using tools and tactics for conflict and dispute resolution, including change, claims, counterclaims, and
- Efficient reporting of site progress and satisfactory adherence to various tiers of key performance indicators
- Enhancing the technical abilities of construction management

## Who should attend?

- This Course N Carry Construction Managing Skills training course is intended for individuals who want to learn useful site management skills that will help them manage and meet the expectations of important site stakeholders, finish work tasks, set and maintain priorities, and complete projects and work by the deadline.

**A variety of Construction Project Management Professionals can benefit from this Course N Carry training course, but the following will be especially beneficial:**

- Site Supervisors
- Engineers of Costs
- Superintendents of Sites
- Managers of Construction
- Experts in Project Management
- Professionals in New Construction Projects

## **Course Outline**

### **Day 1**

#### **Safety, Health, and Organisation**

- Describe the Owner, Contractor, and Subcontractors as the Project's Participants.
- Unambiguous Roles and Responsibilities Features
- Contractual Risks and Concerns in Building Projects
- Basic Safety Regulations and Adherence, Workplace Hazards and Conditions
- Safety of Construction Equipment
- Sustainability, Safety, Health, and Environment Observance and Administration

### **Day 2**

#### **Getting about, coordinating, and getting along with important site players**

- Coordination between Employer, Consultants, Contractors, and Subcontractors
- Inaugural meeting
- Meetings with Owners and Contractors
- Provisional Structures, Amenities, Services, and Restricted Areas
- Safety and Risk Management
- Team Phases: Managing and Matching Expectations; Development and Harmonisation
- Master Schedule (Baseline): Line-of-Balance, Network Logic, and Bar Chart

### **Day 3**

#### **Organising, arranging, managing progress, and keeping track of**

- Critical Scheduling Tools, Instruments, and Methods

- Keeping in Touch and Changing Schedules

- Collecting Data and Providing Feedback

- Issues, Difficulties, and Prospects for Scheduling and Resource Allocation
- Controlling Expected and Unexpected Risk on the Site
- Factors Affecting Performance and Progress KPIs
- Monitoring and Assessing Cost, Time, and Quality
- Compliance with the Site and Corrective Measures

## Day 4

### Technical Construction Supervision Skills

- Cash Flow and Progress Payment for the Project
- Overview of Reinforced Concrete and Concrete
- The Abilities of Concrete Quality Control
- Recognising Soil Mechanics' Challenges and Understanding Soil Investigation
- Exercise Caution When Building Foundations
- **Capabilities for Verification**
- The Components of Construction
- The Designs
- The Report on Soil Investigation

## Day 5

### Modifications, Allegations, Rebuttals, and Conflict Settlement

- Reasons for Change and Strategies for Managing Them Well
- Disputes, Counterclaims, and Claims
- Strategies for Negotiation in the Handling of Several Claims and Disputes
- Complex Changes, Management of Claims and Disputes
- Tools and Procedures for Alternative Dispute Resolution (ADR) (Mediation and Arbitration)