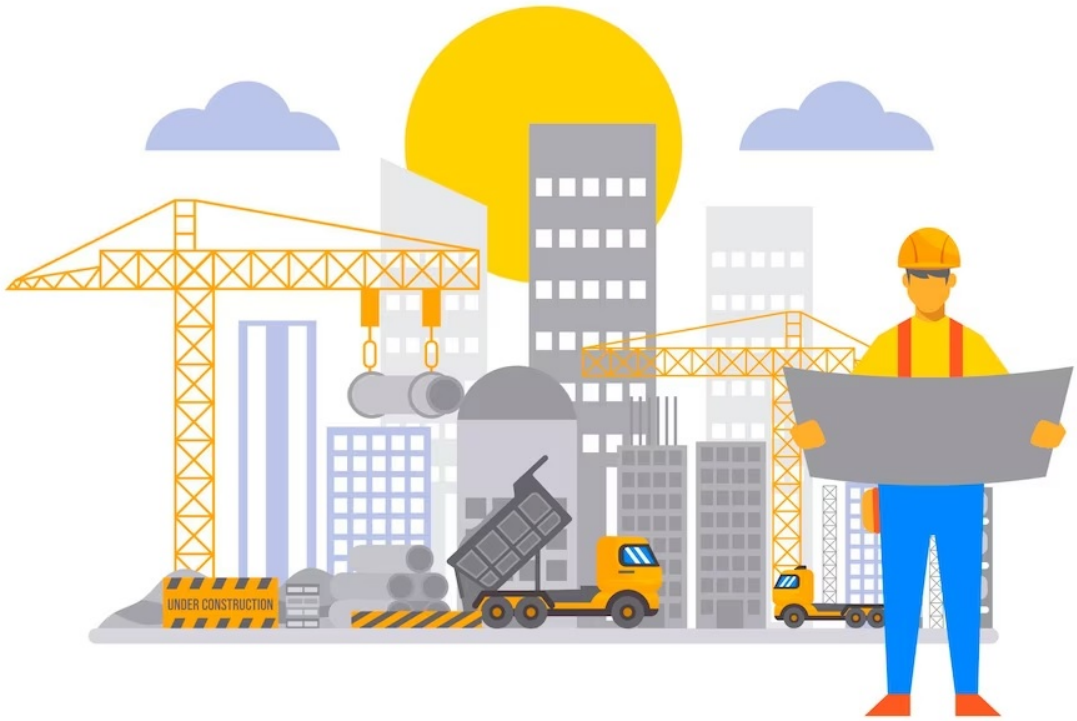


EPCIC Site Management

Duration: 5 Days

Language: en

Course Code: IND04-111

Objective

Upon completion of this course, participants will be able to:

- Plan and manage the work of sub-contractors.
- Explain what EPCIC is and its importance.
- Understand how to interpret EPCIC contracts effectively.
- Manage quality control on a construction site.
- Gain a detailed understanding of the mechanics of construction projects.
- Review the duties and responsibilities of site management personnel.
- Evaluate essential site planning processes.
- Analyse the management of all vital areas within the site.

- Identify legislative requirements for health and safety.
- Maintain a safe working environment.

Audience

This course is designed for anyone with site management responsibilities who wishes to develop their knowledge of EPCIC. It would be most beneficial for:

- Technical Engineers
- Project Managers
- Health and Safety Officers
- HR Personnel
- Site Managers
- Site Supervisors
- Operations Managers
- Cost and Control Managers
- Sub-Contractor Personnel

Training Methodology

This course uses a variety of adult learning styles to aid full understanding and comprehension. Participants will review genuine examples of EPCIC contracts and other documents relating to site management to highlight key areas of importance.

They will be provided with the necessary tools to analyse their examples and thoroughly understand how they work effectively. Participants will partake in role-playing activities with others to practice planning, negotiating, and managing EPCIC contracts. They will also review health and safety regulations together and enact scenarios where potential issues could occur, and provide solutions to them. These activities will help the participants truly grasp the taught content and develop a full and detailed understanding of it.

Summary

Construction projects involve a great number of people, which makes effective site management absolutely crucial. Due to the nature of construction, health and safety

monitoring and quality control are the main areas that require constant attention.

Engineering, Procurement, Construction, Installation, and Commissioning (EPCIC) contracts are the most common contracts used within construction. These contracts strictly lay out terms of work in great detail, and are an essential tool in driving productivity. Yet, they also strongly focus on health and safety. EPCICs require a vast amount of planning before a project is carried out, ensuring all safety measures and risk elements are accounted for and considered regarding an adequate contingency plan.

Site managers are responsible for overseeing quality and maintaining health, safety, and welfare in alignment with EPCIC from start to finish. Without the role of a site manager, construction sites can quickly become extremely unsafe and have the potential to cause great harm. Site managers need a detailed understanding of the fundamentals of construction sites, how to create plans correctly, and how to conduct necessary risk management strategies.

Course Content & Outline

Section 1: Introduction

- Features of the construction industry.
- Features of a construction site.
- Ensuring the mobility of facilities.
- Evaluating the multiplicity of agencies.
- Providing full access to the site and site roads.
- Different types of construction.
- Defining EPCIC.

Section 2: Quality Control

- Procedures and standards to maintain quality.
- Utilising tools and systems to monitor quality.
- Implementing processes for recycling recovered materials.
- Finding the ideal areas to store materials.
- Methods of reducing waste.

Section 3: Health and Safety Control

- Analysing current Construction Design and Management (CDM) regulations.
- Reviewing Health, Safety, and Welfare legislation and its influence on standard practices.
- Implementing Health, Safety, and Welfare Management at the construction site.
- Prioritising risk management – risk audits and assessments.
- How EPCIC contracts focus on health and safety.

Section 4: Traffic Control

- How to minimise vehicle movements.
- Providing space and awareness for reversing vehicles.
- Creating strategies for traffic management.
- Signs, warning devices, and visibility.

Section 5: Measuring Workload

- Estimation process for a construction tender.
- Identify different factors that influence workload and work output.
- Producing a valuation for the construction work.
- Conducting workload analysis.
- Delegating tasks accordingly.

Section 6: Managing Sub-Contractors

- Benefits of using sub-contractors.
- Planning the work of sub-contractors in accordance with industry standards.
- Creating and managing EPCIC contracts with sub-contractors.
- Managing sub-contractors on site.
- Communicating site and customer needs effectively.
- Maintaining clear and concise documents.

Certificate Description

Upon successful completion of this training course, delegates will be awarded a Holistique Training Certificate of Completion. For those who attend and complete the online training course, a Holistique Training e-Certificate will be provided.

Holistique Training Certificates are accredited by the British Assessment Council (BAC) and The CPD Certification Service (CPD), and are certified under ISO 9001, ISO 21001, and ISO 29993 standards.

CPD credits for this course are granted by our Certificates and will be reflected on the Holistique Training Certificate of Completion. In accordance with the standards of The CPD Certification Service, one CPD credit is awarded per hour of course attendance. A maximum of 50 CPD credits can be claimed for any single course we currently offer.

Categories

Construction & Real Estate, Engineering, Health, Safety & Environment HSE

Tags

project, Construction, EPCIC, Site Management, quality

Related Articles



The Vital Role of Construction Site Supervision

Discover the vital role of construction supervisors—ensuring safety, efficiency, risk management, and successful project completion.

YouTube Video

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