



SC114: Construction Project Management, Material Management & Applying HSSE Practices

Training Description:

This intensive training course is designed for those working in the construction industry to provide them with an in-depth understanding of construction planning and management regulations, best practices and procedures. It covers construction management's essential to advanced aspects, equipping you with the skills to succeed in this field.

This comprehensive training course covers various topics, from pre-construction to project planning, cost and site management. You'll delve into legal documentation, CDM regulations, HSE competency, and safety risk identification. Additionally, you'll gain insights into procurement, stock control, and materials management. The course also includes supply chain management and quality assurance. Finally, you'll explore the legal aspects, health and safety management of construction projects, and the roles of different participants. Take advantage of this opportunity to enhance your skills and knowledge in construction project management.

Training Objectives:

By the end of the course, you will have a practical understanding of your role regarding construction project management as a duty holder and how to integrate an effective plan covering all the essential aspects for the successful delivery of your construction projects.

By the end of the training, participants will be able to:

- ✓ Understand the project life cycle and stages in construction project management
- ✓ Learn the cost management and procurement process for construction projects
- ✓ Learn about stock control and materials management as well as implementing an effective supply chain system
- ✓ Understand about site management and construction materials management for construction projects
- ✓ Learn about the different parties involved in a construction project and how to communicate with them effectively
- ✓ Understand the legal aspects of contracting
- ✓ Learn about quality assurance and customer care for construction projects
- ✓ Demonstrate a good understanding of health and safety management practices for construction projects

Training Designed for:

This course is intended for anyone who is involved in the construction field wants to boost his career in this field, which includes; Construction Project Manager, Supervisors, HSE Officers, Engineers and Contractors.

Training Requirement:

"Hand's on practical sessions, equipment and software will be applied during the course if required and as per the client's request."

Contents can be adapted to your specific wishes. It is therefore possible to focus on specific modules of the training course as per client's learning needs and objectives. Further, it should be forwarded to us a month prior to the course dates.

Training Program:

FIVE DAYS:

- ❖ **Module 01: Introduction to Construction Management**
 - In module one, we'll have an overview of construction management. We'll understand the market size and the features of the construction industry.
- ❖ **Module 02: Project Life Cycle and Success**
 - In module two, we'll learn about construction project stages and project life cycle. Also, we'll understand the basics of project management.
- ❖ **Module 03: Cost Management**
 - Module three focuses on construction cost management. Here, we'll learn about economic analysis of project cost, cash flow calculation and many more.
- ❖ **Module 04: Site Management**
 - In module four, we'll learn about site management for construction projects, we'll learn about water and electricity supply, accommodation, sanitation, site security, etc.
- ❖ **Module 05: Planning and Management of Equipment**
 - Module five provides a detailed discussion of the planning and management of construction equipment. Here, we'll learn about financing and sourcing of equipment, maintaining their productivity, etc.
- ❖ **Module 06: Construction Materials Management**
 - In module six, we'll deepen our understanding of construction materials management. We'll learn about the purchase and control of materials, quality control, etc.
- ❖ **Module 07: Vendor Analysis in Construction Management**
 - In module seven, we'll learn about different vendors and sources for construction materials and understand how to select the best source for purchasing.
- ❖ **Module 08: Construction Procurement**
 - In module eight, we'll explore the construction procurement process. We'll learn about the procurement life cycle analysis, change management and appointing consultants and contractors.
- ❖ **Module 09: Stock Control**
 - In module nine, we'll broaden our knowledge of stock control. We'll learn about the stages of stock control. Also, we'll understand the storage function.
- ❖ **Module 10: Supply Chain Management**
 - Module ten discusses supply chain management in the context of construction management. Also, we'll learn about the procurement and management of subcontracts and coordination of suppliers and subcontractors.
- ❖ **Module 11: The Main Participators**
 - In module eleven, we'll learn about the main participators of a construction project, such as landowners, planners, agents, building contractors, etc.
- ❖ **Module 12: Quality Assurance and Customer Care**
 - Module twelve focuses on quality assurance and customer care aspects of construction management.
- ❖ **Module 13: Legal Aspects of Contracting**

- In module thirteen, we'll explore the legal aspects of contracting. We'll learn about the agreement, subcontract, project insurance, etc.
- ❖ **Module 14: Health and Safety in Construction Management**
 - Module fourteen covers the health and safety aspects of construction management. This module discusses the safety best practices for ensuring a safe working environment for all in a construction site.
- ❖ Course Conclusion
- ❖ POST-ASSESSMENT and EVALUATION

Training Methodology:

This interactive training course includes the following training methodologies as a percentage of the total tuition hours:

- 30% Lectures, Concepts, Role Play
- 70% Workshops & Work Presentations, Techniques, Based on Case Studies & Practical Exercises, Gamification, Software & General Discussions
- Pre and Post Test

Training Certificate(s):

CMCT Internationally recognized certificate(s) will be issued to each participant who completed the course.

Training Fees:

TBA as per the course location - This rate includes participant's manual, hand-outs, buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

Note: The 5% VAT (Value Added Tax), will be effective starting 01st of January 2018 as per the new regulation from the UAE Government. The VAT applies for all quotation both for local and abroad.

Training Timings:

Daily Timings:

07:45 - 08:00	Morning Coffee / Tea
08:00 - 10:00	First Session
10:00 - 10:20	Recess (Coffee/Tea/Snacks)
10:20 - 12:20	Second Session
12:20 - 13:00	Recess (Prayer Break & Lunch)
13:00 - 14:00	Last Session

For training registrations or in-house enquiries, please contact:

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