

CONSTRUCTION SUPERVISING SITE ENGINEER - DUTIES & RESPONSIBILITIES

"Mastering On-Site Execution, Safety, and Coordination for Construction Success"

Schedule

Date	Venue	Fees (Face-to-Face)
05 - 09 Oct 2026	Dubai, UAE	USD 3495 per delegate

Introduction

The role of a supervising site engineer is critical to the successful execution of construction projects. From managing site teams and monitoring quality to ensuring health and safety and coordinating subcontractors, the site engineer must balance technical knowledge with leadership and communication skills.

This 5-day intensive course is designed to equip current and aspiring site engineers with the competencies needed to effectively supervise construction activities. The training covers duties and responsibilities, construction documentation, safety regulations, site coordination, material control, and contractor management—enabling participants to perform with confidence and professionalism on-site.

Objectives

By the end of this course, participants will be able to:

- Clearly define and execute the roles and responsibilities of a site engineer
- Interpret construction drawings and ensure work is carried out to specification
- Manage site activities, contractors, and inspection processes effectively
- Implement safety, quality, and documentation protocols
- Coordinate with stakeholders to maintain progress and resolve site challenges

Why Attend

- Gain a structured understanding of site supervision responsibilities
- Enhance your technical, safety, and project coordination skills
- Understand construction laws, codes, and inspection requirements
- Lead site teams more effectively through planning and communication
- Minimize project delays, non-compliance, and rework

Target Audience

This program is designed for:

- Civil, structural, and construction engineers
- Project and site engineers in infrastructure or building works
- Construction supervisors and foremen
- Project management and QA/QC professionals
- Anyone transitioning into a site management or supervision role

Individual Benefits

Key competencies that will be developed include:

- Construction site supervision techniques
- Quality control and inspection protocols
- Health, safety, and environmental compliance
- Reading and applying construction documentation
- Leadership and coordination of teams on site

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Improved execution and quality of construction activities
- Stronger site compliance with safety and regulatory standards
- Reduced delays and construction errors
- Enhanced stakeholder coordination and reporting
- Better overall project performance and delivery consistency

Instructional Methodology

The course follows a blended learning approach combining theory with practice:

- Strategy Briefings - Roles, standards, and legal responsibilities of site engineers
- Case Studies - Site supervision challenges and practical solutions
- Workshops - Drawings interpretation, inspection planning, and site logs
- Peer Exchange - Real-life experiences and technical site issues
- Tools - Checklists, inspection templates, handover forms

MAWA EVENTS

Address: No. 857, Block A2, Leisure Commerce Square - No 9., 46150 Petaling Jaya, Selangor, Malaysia

Phone: +601116373203 | **Email:** info@mawaevents.net



Course Outline

Detailed 5-Day Course Outline

Training Hours: 7:30 AM - 3:30 PM Daily Format: 3-4 Learning Modules | Coffee breaks: 09:30 & 11:15 | Lunch Buffet: 01:00 - 02:00

Day 1: Foundation of Construction Site Supervision

- Module 1: Overview of Site Engineer Responsibilities (07:30 - 09:30) • Roles in the project lifecycle and site hierarchy • Daily, weekly, and project-based responsibilities
- Module 2: Reading and Interpreting Construction Drawings (09:45 - 11:15) • Structural, architectural, and MEP drawings • Specs, tolerances, and common errors
- Module 3: Construction Standards and Codes (11:30 - 01:00) • Regulatory and technical standards for supervision • Legal liabilities and documentation
- Module 4: Workshop - Drawing Review and Task Planning (02:00 - 03:30) • Group exercise in reviewing and planning field execution

Day 2: Site Planning, Materials & Documentation

- Module 1: Site Planning and Activity Sequencing (07:30 - 09:30) • Work breakdown, bar charts, and site planning tools • Material and manpower scheduling
- Module 2: Site Materials Management (09:45 - 11:15) • Requisition, delivery, and inspection protocols • Storage, protection, and inventory control
- Module 3: Daily Site Records and Reports (11:30 - 01:00) • Site diaries, inspection requests, and test reports • Progress reports and photographic documentation
- Module 4: Workshop - Site Log & Reporting (02:00 - 03:30) • Participants draft a site report based on a case scenario

Day 3: Health, Safety & Environmental Management

- Module 1: Safety Duties of the Site Engineer (07:30 - 09:30) • Safety risk identification and mitigation • PPE, signage, and emergency protocols
- Module 2: Toolbox Talks and Safety Briefings (09:45 - 11:15) • Planning and delivering effective safety sessions • Safety audit and near-miss tracking
- Module 3: Environmental and Waste Control on Site (11:30 - 01:00) • Managing noise, dust, and site runoff • Sustainable practices and environmental compliance
- Module 4: Workshop - Job Safety Analysis (02:00 - 03:30) • JSA preparation for a high-risk construction task

Day 4: Quality, Inspections & Subcontractor Management

- Module 1: Quality Control on Site (07:30 - 09:30) • Inspection and testing protocols • Non-conformance reports and corrective actions
- Module 2: Managing Subcontractors and Crews (09:45 - 11:15) • Coordination, supervision, and work verification • Resolving site conflicts and instructions
- Module 3: Handing Over and Snagging (11:30 - 01:00) • Final inspections, punch lists, and close-out • Handover documentation and approvals
- Module 4: Workshop - Site QA/QC Process Planning (02:00 - 03:30) • Participants develop an inspection and test plan (ITP)

Day 5: Problem-Solving, Coordination & Leadership

- Module 1: Site Problem-Solving and Risk Response (07:30 - 09:30) • Delay mitigation, rework prevention, and escalation • Technical queries and field adjustments
- Module 2: Effective Site Communication and Leadership (09:45 - 11:15) • Toolbox communication and crew motivation • Leading site meetings and coordination
- Module 3: Review and Simulation Case Study (11:30 - 01:00) • Integrated site challenge with multidisciplinary issues
-

Module 4: Final Discussion & Certificate Distribution (02:00 – 03:30) • Reflection, course closure, and personal action planning

Certification

Participants will receive a Certificate of Completion in Construction Site Supervision, validating their knowledge of duties, responsibilities, safety, coordination, and documentation essential to effective site engineering.

Why Choose MAWA Events

- **Global Expertise:** More than 17 years of experience in professional training and consulting.
- **Industry-Leading Faculty:** Courses delivered by seasoned professionals with hands-on experience.
- **Practical Insights:** Learn to turn theory into actionable strategies for real-world business impact.
- **Client-Focused Solutions:** Customized programs designed to achieve your organisation's unique goals.

In-House / Customized Training

Interested in running this course for your team?

Please contact us:

TEL:

+601116373203

EMAIL:

info@mawaevents.net

© Material published by MAWA Events shown here is copyrighted. All rights reserved. Any unauthorized copying, distribution, use, dissemination, downloading, storing (in any medium), transmission, reproduction or reliance in whole or any part of this course outline is prohibited and will constitute an infringement of copyright.