

DESIGN REVIEW PROCESS AND MANAGEMENT

"Ensure Project Excellence through Effective Design Review and Control"

Schedule

| Date | Venue | Fees (Face-to-Face) |
|------------------|-------------|-----------------------|
| 14 - 15 Jun 2026 | Doha, Qatar | USD 1995 per delegate |

► **Available delivery methods:** Face-to-Face & Online Training

Introduction

The design review process is a critical component of successful construction projects, ensuring that designs meet quality, safety, and compliance standards before implementation. This course provides participants with practical knowledge and tools to conduct systematic design reviews, manage feedback effectively, and implement design changes efficiently to minimize risks and errors.

Through a combination of theory, case studies, and hands-on exercises, participants will learn how to evaluate designs from multiple perspectives, coordinate with stakeholders, and ensure that construction projects adhere to technical and regulatory requirements. The training emphasizes practical strategies to improve project outcomes and strengthen design governance.

Objectives

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

- Understand the principles and importance of the design review process in construction projects.
- Conduct thorough and systematic design reviews for civil construction projects.
- Manage design changes and revisions efficiently.
- Coordinate effectively with multidisciplinary teams and stakeholders.
- Apply best practices for risk management and quality assurance during design review.
- Enhance overall project performance and reduce rework through effective design management.

Why Attend

Participants should attend this course to:

- Gain practical knowledge of structured design review processes.
- Learn to identify design issues and prevent costly construction errors.
- Improve collaboration with project teams and stakeholders.
- Enhance project quality, efficiency, and compliance.
- Apply industry best practices for design review and management.

Target Audience

This program is designed for:

- Civil engineers and project managers
- Architects and design coordinators
- Quality assurance and control personnel
- Construction managers and site engineers
- Professionals involved in project planning, design, and execution

Individual Benefits

Key competencies that will be developed include:

- Mastery of design review methodologies and techniques
- Ability to manage design revisions and approvals effectively
- Skills in coordinating multidisciplinary project teams
- Improved risk management and quality assurance during design phase
- Enhanced decision-making for design-related issues

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Reduced errors, rework, and delays in construction projects
- Improved quality control and compliance with design standards
- Enhanced collaboration and communication across project teams
- Streamlined design review and approval processes
- Increased efficiency in project execution and resource utilization

Instructional Methodology

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

- Strategy Briefings – Overview of design review principles and project management techniques
- Case Studies – Real-world examples of successful design review and management practices
- Workshops – Hands-on exercises to conduct design reviews and manage revisions
- Peer Exchange – Group discussions on challenges and best practices in design management
- Tools – Templates for review checklists, feedback tracking, and project documentation

Course Outline

Detailed 2-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: Fundamentals of Design Review in Civil Construction

Module 1: Introduction to Design Review (07:30 – 09:30)

- Importance of design review in construction projects
- Roles and responsibilities in the review process
- Key principles and standards for effective design evaluation

Module 2: Design Evaluation Techniques (09:45 – 11:15)

- Methods for assessing design quality and compliance
- Identifying potential risks and errors in design
- Using checklists and review tools for systematic evaluation

Module 3: Stakeholder Coordination and Feedback Management (11:30 – 01:00)

- Managing communication and approvals among project teams
- Integrating feedback into design revisions
- Conflict resolution and decision-making in design management

Day 2: Advanced Design Review Practices and Project Implementation

Module 4: Managing Design Changes and Revisions (07:30 – 09:30)

- Documentation and tracking of design changes
- Prioritizing revisions and ensuring timely implementation
- Minimizing impact on project schedule and budget

Module 5: Risk Management and Quality Assurance (09:45 – 11:15)

- Identifying and mitigating risks during design phase
- Ensuring compliance with codes, standards, and regulations
- Applying best practices for quality assurance in design review

Module 6: Practical Exercises and Best Practices (11:30 – 01:00)

- Hands-on review of sample designs
- Lessons learned from real-world projects
- Developing an action plan for implementing effective design review processes

Certification

Participants will receive a Certificate of Completion in Design Review Process and Management, validating their expertise in managing and conducting effective design reviews for civil construction projects, ensuring quality, compliance, and project success.

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