

GLOBAL EXPERTS INSTITUTE FOR TRAINING.
ISO 9001-2008 TRAINING PROVISION CERTIFIED

Maintain Building Structures

Schedule Dates:

Start Date	End Date	Place
17 Nov	21 Nov 2024	Ramada Plaza By Wyndham Istanbul City Center

Program Introduction:

The course "Maintain Building Structures" is designed to provide civil engineers and building maintenance professionals with essential knowledge and practical skills required to effectively manage and maintain building structures. The course covers a broad spectrum of topics, from structural integrity assessments to preventive maintenance techniques. Participants will gain an understanding of the latest industry standards, technologies, and strategies to ensure the longevity and safety of building structures.

Program Objectives:

- ✓ Equip participants with the tools and techniques for maintaining building structures.
- ✓ Develop the ability to assess and evaluate structural integrity and performance.
- ✓ Learn preventive and corrective maintenance strategies to extend building life.
- ✓ Understand the importance of safety standards and regulations in building maintenance.
- ✓ Gain insights into modern technologies and methods for structure maintenance.
- ✓ Provide practical knowledge on managing the structural lifecycle and associated cost

Who should attend?

- Civil engineers and building maintenance professionals.
- Facility managers responsible for building upkeep.
- Structural engineers focused on maintaining building safety.
- Construction project managers.
- Building inspection officers.
- Professionals working in public works and urban planning.

Program Outlines

Day One

- ✓ Introduction to Building Structures: Overview of common building types and structural elements.
- ✓ Fundamentals of Structural Maintenance: Key principles and practices.
- ✓ Assessment of Structural Integrity: Techniques for evaluating buildings' condition.
- ✓ Preventive Maintenance Strategies: Best practices for prolonging structure life.

Day Two

- ✓ Common Structural Issues in Buildings: Identifying wear, cracks, and other concerns.
- ✓ Repair Techniques for Building Structures: Materials and methods for structural repair.
- ✓ Building Inspections: Routine checks and periodic evaluations.
- ✓ Load-Bearing Structures: Maintenance of foundations, columns, and beams.

Day Three

- ✓ Building Codes and Regulations: Understanding legal standards for safety and maintenance.
- ✓ Weatherproofing and Waterproofing: Ensuring building resilience against environmental factors.
- ✓ Structural Retrofits: Enhancing structural performance and safety in old buildings.
- ✓ Roof and Facade Maintenance: Addressing issues related to exterior components.

Day Four

- ✓ Safety in Structural Maintenance: Adhering to occupational safety and health standards.
- ✓ Structural Monitoring Technologies: Using sensors and monitoring tools for real-time data.
- ✓ Energy Efficiency and Sustainability: Incorporating sustainable practices in building maintenance.
- ✓ Cost Management in Building Maintenance: Budgeting and financial planning for structure upkeep.

Day Five




- ✓ Emergency Repairs and Risk Management: Responding to unexpected structural issues.
- ✓ Innovative Materials for Structural Maintenance: Latest materials used for repair and reinforcement.
- ✓ Long-term Maintenance Planning: Developing and executing a comprehensive maintenance strategy.
- ✓ Case Studies: Learning from real-world examples of successful building maintenance projects.

Training Methodology:

- Slide presentations
- Interactive discussion
- Simulations and Gamification
- Online Video material

Cost Quotation in Kuwaiti Dinars

The total cost includes:

-  Instructor(s) expenses
-  Training materials
-  Certification

Total Cost: 1300 KD per Participant
(One Thousand Three Hundred Kuwaiti Dinar)