

Scandinavian Academy Training Center

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Riyadh - Al Khaleej District - Sheikh Abdul Aziz Bin Abdul Rahman Bin Bishr Street - 13223 - Office No. 5 | P.O.BOX : 13224

Course: Construction Quality Control and Site Inspection

Code	City	hotel	Start	End	price	Language - Hours
CV-510SA	Al Khobar	Hotel Meeting	2027-10-31	2027-11-04	12950 SR	En - 25

Needs & Benefits

Quality is the most elusive word in the construction industry. Buyers say they want it. Contractors say they deliver it. Yet the general perception is that quality (whatever it is) is declining in the field of construction. Skill and workmanship are frequent causes for the quality problems. Material selection is the next most common cause. Finally, inadequate or superficial design and/or preparation are responsible for a significant portion of the quality compromises. Today it is true that many accredited certified Contractors are professional in their approach, and owing to strict internal and external audits, maintain a high standard of operations compliant with their QA System. However, it has now become evident that although a QA Registered Contractor can boast of a wellâ€managed paperwork system, the same is not always true when it comes to supervising works out on site. Defects and failures still occur even though a Contractor is QA Registered. Many Clients have also become concerned that the influx of foreign labor if used on their sites could affect the standard of construction, not because they are bad trades men, but because of their lack of management and language skills and interpretation of Specification and Quality and Health & Safety requirements. Independent Site Inspectors provide reassurance and peace of mind that the works being carried out are in line with the contract documents and recognized workmanship standards. They monitor the conditions that works are carried out in to ensure that it is done as designed. They witness tests to verify that the works meet specified requirements. They monitor progress against the program so that an independent view of where the contract is at any given stage is balanced against the contractor’s own assessments. By providing weekly reports they are able to advice on all aspects of the works in progress and highlight any concerns to deal with it before it

is too late. This training program is designed to cover the concepts, policies, and techniques of managing the QA and QC activities in construction business establishments.

Providing the participants with solid understanding of:

Implementing Quality Assurance Systems (QAS) in the construction field.

- The roles of Quality Control (QC) in modern construction enterprises.
- Tools and techniques for detecting and solving quality problems in site inspection,
- Setting quality control systems
- Ensuring high quality materials are used & the materials are installed correctly.
- Ensuring that the quality of installation is up to the desired standard according to the client requirements.
- Ensuring that the Engineers requirements & the Architectural plans are followed correctly.
- Ensuring the project meets the Building Codes and Standards

Who Should Attend?

Construction quality control managers & site engineers and their subordinates

Course Curriculum

Concepts and Basics

- The concept of quality,
- The achievement of Quality
- Inspection of quality
- Defects and their impact,
- Quality costs and their categories,
- How to turn quality costs into profits,

- Defect prevention concept,
- What is QA?
- The system approach to QA.
- Quality creator and quality user,
- Organization for quality,
- Applications in construction

The Construction Tradition

- Building and architecture
- Construction and project management contracts
- Construction contracts as quality systems
- Responsibilities of architects, engineers, and subcontractors
- Customerâ€Related Processes
- Definition of requirements,
- Review and approval,
- Customer communication

Quality in Procurement

- Supplier selection,
- Supplier evaluation,
- Verification of supplied items and services,
- Contractor’s responsibilities.

Quality of Conformance in construction site

- Perfect construction concepts,
- Sampling and inspection plans,
- Disposition of nonconformities,
- Control of measurement methods and devices

Inspection and test planning

- Inspection and test characteristics
- Allocation of inspection and test points
- Inspection and test procedures
- Inspection and test devices (calibration).

Control and analysis of quality records

- Types of quality control records
- Record keeping
- Summarization of quality control records

The Scandinavian Academy for Training Center adopts the latest scientific and professional methodologies in training and human resource development, aiming to enhance the efficiency of individuals and organizations. Training programs are delivered through a comprehensive approach that includes:

- Theoretical lectures supported by PowerPoint presentations and visual materials (videos and short films).
- Scientific evaluation of participants before and after the program to measure progress and knowledge acquisition.
- Brainstorming sessions and practical role-playing to simulate real-life scenarios.
- Case studies tailored to align with the training content and participants work nature.
- Assessment tests conducted at the end of the program to evaluate the achievement of training objectives.

Each participant receives the training material (both theoretical and practical) in printed form and saved on a CD or flash drive. Detailed reports, including attendance records, final results, and overall program evaluations, are also provided.

Training materials are prepared professionally by a team of experts and specialists in various fields. At the end of the program, participants are awarded a professional attendance certificate, signed and accredited by the Scandinavian Academy for Training Center.

Program Timings: 9:00 AM to 2:00 PM

The program includes:

- A daily buffet provided during the sessions to ensure participants comfort.
- A closing ceremony on the final day to distribute certificates and celebrate participants achievements.
- **Note: All prices are exclusive of 15% Value Added Tax (VAT).**

Our Success Partners

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