



ISO 9001:2015

National Academy of Construction

(SOCIETY UNDER GOVT. OF TELANGANA)

NAC Grounds, Cyberabad, Hyderabad-500084, Telangana, India

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Executive Development Program

on

Construction Quality Control & Quality Assurance

28 to 31 Dec.2022



Overview

Poor quality is costing the industry annually more than the combined profits of companies in the industry. Indeed, research by Chartered Quality Institute (CQI) suggested that quality management could save the industry between £7bn and £12bn. Good quality management can therefore deliver customer satisfaction and value. Setting and meeting quality objectives requires a sound knowledge of processes, legislation and compliance – a core objective of the course.

Defective work, re-work, remedial work and overall poor quality means everyone loses. It is estimated that between 2-5% of construction cost is spent on getting it right. In an industry with wafer thin margins of 1-3%, improving quality and customer satisfaction should have high priority, alongside safety and health. A get it right first time approach should prevent these unnecessary costs and improve customer retention. Thus, quality management is as important to a company's efficiency and reputation as meeting time and cost targets.

Our 4 day Construction QA-QC course addresses all the fundamentals of construction quality management. Guided by an expert, you will learn the principles and processes that are the basis of quality management, and the best practice methods to achieve quality in construction.

Within construction, quality management is the system used to assure user safety. It assures that buildings are built to code and that users will be safe inside them. Quality assurance and quality control together build quality systems management. Quality systems management helps inspection processes move smoothly. Without proper quality systems management, a project might not be built to code requiring a lot of time and money in rework. These two distinct processes are important in building effective and beneficial quality systems.

Curriculum

- Quality and Quality Management Principles
- Role and relationship of Quality Control Engineer
- Quality Policy and Quality Planning
- Codal provision, Specifications and SOP
- Quality Control/Assurance through testing of materials of construction.
- Concrete Mix Design.
- Good practices in RCC detailing.
- Monitoring of quality in Construction.
- Testing of concrete at site, RMC related issues.
- QA-QC tools at site
- Cost of poor quality

Outcomes

Understand the fundamentals of quality management for a project-based industry. Demonstrate knowledge of the theories/ principles/ processes in quality management. Recognize the differences between QC and Quality Management and their evolution. Demonstrate knowledge of the various legislation, codes and standards. Apply quality management best practice in construction in terms of both processes and attitudes

Suitability

This course is designed for construction professionals who are currently or will potentially have leadership responsibility for ensuring construction quality. This includes existing or potential construction managers, project managers, site managers and supervisors, QA/QC Personnel, Field Engineers, cadet engineers, architects, Engineering Faculties (academe) and Sr. Civil engineering students

Methodology

The course is designed to provide a comprehensive learning package through the use of formal lectures, interactive exercises, case studies, etc.

Faculty

Experts with rich working experience in the field of Construction Quality will conduct the sessions.

Program Venue, Dates & Timings

Venue: NAC Campus, Hitex Grounds, Hyderabad – 500084.

Dates: 28 to 31 Dec. 2022 (4 Days)

Timings: On the first day, registration will commence at 09:30 hrs. On all other days, the program timings will be from 10:00 – 17:00 hrs with breaks in between for tea and lunch.

Course Director

Director, EDP Trainings

Course Fee

Virtual : Rs.12,000/- + 18% GST per participant Fee includes course material

Non-Residential: Rs. 14,000/- + 18% GST per participant. Fee includes course material, course kit, lunch, tea / coffee and snacks during the actual days of training program.

Certificate

A certificate of participation will be awarded to each participant on conclusion of the program.

Mode of Payment

Program fee is to be paid in favor of “**Director General, National Academy of Construction (NAC), Hyderabad**” in the form of demand draft / cheque payable at Hyderabad.

Alternatively, the payment may be made by cash / Electronic Fund Transfer (EFT) to DG **NATIONAL ACADEMY OF CONSTRUCTION - HYDERABAD-SB A/c No. 62422229281** with SBI, MADHAPUR- 500 081, **IFSC Code SBIN0021162, GST No. 36AAAAN0794M1Z8.**

While using EFT method of payment, please ensure to communicate us your company name, our invoice reference and program title.

Registration

To register please send your nominations giving details of name, designation, contact address, email address, mobiles no of the participant along with the details on mode of payment of fee.

Addressed to:

The Director, EDP Trainings,
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Welcome to National Academy of Construction

National Academy of Construction (NAC) is registered as a **Society under State Government of Telangana** and incorporated as Public Charitable institution. Construction is one such area where technology is developing at a very fast rate. Hence one needs proper understanding of the technology and importance of proper training. Starting with one Centre and five trades and training 150 technicians per year, NAC has grown surely and steadily to 110 Centres throughout Telangana and Andhra Pradesh States and 21 trades today with target of training 1,00,000 technicians per annum. Apart from this its operations are reaching the nooks and corners of India, and also beyond sea sparing no hard ship and hindrance.

NAC is spread over 46 acres of prime land in the IT Corridor in Hyderabad. It is located adjacent to HITEX Exhibition grounds and HICC.

Accolades

NAC received

- CIDC Vishwakarma Award 2021
- Assocham Award 2019
- CIDC Vishwakarma Award 2019
- Golden Peacock National Training Award 2019
- Assocham Award 2018
- CIDC Vishwakarma Award 2018
- Golden Peacock National Training Award 2017
- CIDC Vishwakarma 2016

Infrastructure

The facilities at the NAC campus consists of Auditorium, Seminar Halls, Class Rooms, Board Rooms, NAC Residency, Parking area under the Display Centre and Canteen.

General Information

- NAC encourages participants to present case studies from their respective organizations.
- Well-developed Information Centre and Internet facilities are available to the participants.
- NAC campus is centrally located near to Hitech City, High Tech city MMTS station & Metro station.
- Close to major Shopping malls, Hitex and other convention & recreational centers etc.