

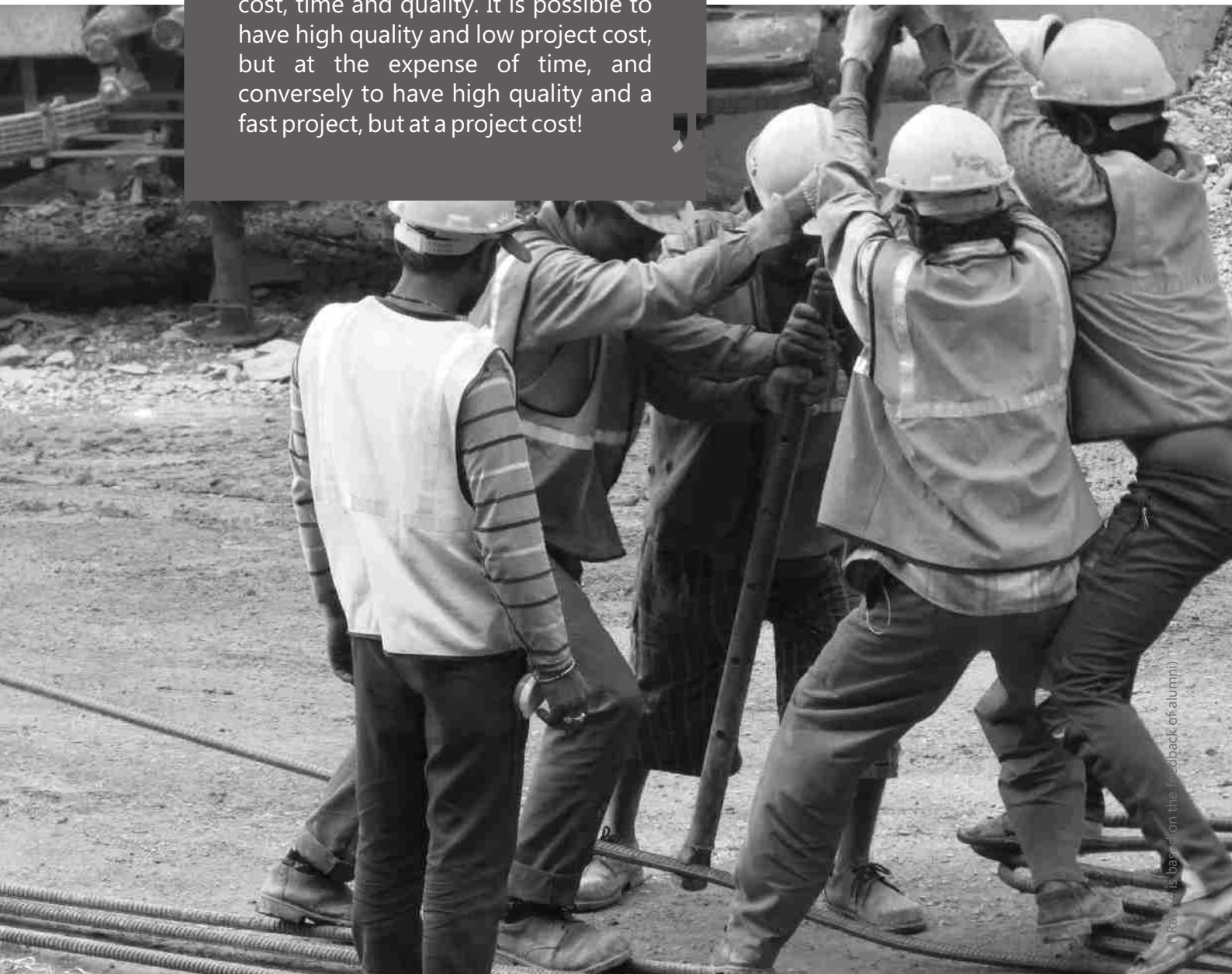
Construction Quality Control



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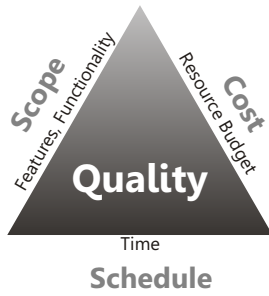
It's a challenge for a Project Manager to maintain balance between project cost, time and quality. It is possible to have high quality and low project cost, but at the expense of time, and conversely to have high quality and a fast project, but at a project cost!

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infini Institute of Program Management
Recognised centre of EAL, UK

building
competency
skills



Construction Quality Control

70 hrs

Importance of quality for construction project success

To decrease project cost due to nonconformance by analyzing the excessive cost of poor quality and the overall savings realized from good quality is the objective of a Quality Controller. High quality is not always the primary objective; however it is extremely important to a successful project. A facility with a good construction quality program and minimal defects is more likely to have a smooth and trouble free transition into the commissioning and qualification phase of the project. This creates a great potential for quality improvements in construction projects, as the poor quality could negatively effect to project failures.



Weekly batches in Pune

Monday to Friday

2 hrs a day

Batch timings are flexible as per the availability of trainer / learners.

What a Quality Controller does?

- Perform all daily inspection and test
- Site surveillance for quality & workmanship
- Carry out inspection and checking for all quality
- Develop method statement
- Resolve quality problems
- Closure of non-compliances
- Prepare project Quality Plan
- Monitor Quality Management System
- Prepare QA-QC reports
- Carry out internal audit
- Optimize cost

Cost of poor quality in construction

Directing a construction project towards quality with low cost and time is a greater concern today. It is because quality is required to meet project requirements of the owners, constructors and other parties involved with a greater satisfaction. Moreover, poor quality could lead to unnecessary cost to the organization where it could create costs due to failure, appraisal and prevention. Implementing proper quality management plan is important at the project inception where, quality drawings, quality standards and constructability of design may lead to enhance the project quality.



GET A CAP OF A QUALITY CONTROLLER

Who shall do this course?

Civil Engineers, Project Engineers. Having basic knowledge and experience of execution processes / work methods, do's and don'ts, checking/ supervision is an added advantage.

What are the job opportunities?

This certification opens the door of position of Quality Control / Quality Assurance Engineer and in future QA-QC Managers / Quality auditors after relevant experience.

Is there any placement support?

Yes, infini's student gets placement support after completion of this course. Though the guarantee is not taken to place you, few contacts of job opportunities are definitely shared with you. You can then approach to those companies on your own.

Why should you learn?

QC Engineer has to systematically manage quality and enhance the contractor's project delivery, increases productivity, eliminates or reduces waste, and ultimately improves profitability. He needs to develop a robust quality management program. An effective program creates a process for clarifying standards and requirements, established means and methods for managing the process, defines responsibilities and accountabilities, and adds another avenue to more effectively manage the supply chain, while it reduces misunderstanding and potential conflict.

How should you learn?

In this course, you learn what quality is, how to manage it and how to make a successful implementation of QMS. During the training, the tutors use various training methodology tools and techniques to make the sessions more and more interactive and thought-provoking. Whenever needed, site visits will be organized to enhance clarity of the subject matter. Hands on experience can be given wherever possible.

What are the course objectives?

To prepare you a good quality control engineer who can effectively use this knowledge for preparing quality assurance and control plans.



What is the course syllabus ?

- Quality and Quality Management Principles
- Role and relationship of Quality Control Engineer
- Quality Policy, Objectives
- QMS
- Codal provision, Specifications and SOP
- Quality Planning
- QA-QC tools at site
- Quality Assurance and Control
- CA-PA Actions
- Material testing
- Issues in quality control
- Quality Checks for different items of work
- Quality System
- Quality audit
- Cost of poor quality
- Non Conformances and its closure
- Reporting and attending QC meetings

What are the learning outcomes?

Upon successful completion of the program, you will be able to

- Coordinate all site inspections with the site subcontractors
- Prepare inspection reports and verify documents are current status for compliance
- Ensure all work is correctly prepared prior to any inspection being undertaken
- Assist the site QC manager in the organisation, maintenance and control of the quality system
- Liaise with the site construction engineers and provide assistance when requested
- Prepare nonconformance reports and assist in developing corrective actions
- Assist in resolving any discrepancies and ambiguities
- Coordinate with the customers QC inspectors for the resolution of site problems
- Assist the site subcontractors in the resolution of drawing interpretation
- Attend the weekly QC meetings
- Review work procedures and method statements for compliance with good work practices
- Issue nonconformance, and coordinate its closure

Tutors

Hemant Joshi

B.E. (Civil), MIE, LMICI. Freelance consultant having 35 years of experience in Industrial and Residential projects. Worked as AGM-Regional Quality Head in Shapoorji & Pallonji Co. Ltd. and JMC for long 11 years before retiring from professional career.



Vipul Patil

BE (Civil), having 19 years of vast and varied experience in designing, estimation, costing, project planning & execution. Worked with Satish Marathe consulting engineers (Pune), Force 10 (UAE), Bhavan Contracting Company LLC (UAE), Galfar SAOG (Oman)



Extra support / benefit

Infini's student gets 3 months extra online support after completion of the program to resolve basic issues being faced by the learner on site.

10% discount on fees is available to all infini's students for registering to 2nd or subsequent programs.

Cash reward / concession in fees after you recommend a good candidate to our course and if he/she registers for the program with infini.

Guarantee

Infini takes guarantee to imbibe necessary technical, applied and software skills into you to make you more efficient and **deserving to handle higher responsibilities leading to increments and promotions.**

What is the learning method / pedagogy?

All the fundamentals are taught from the point of view of their practical applications on field. Reference material will be shared to read and understand. Discussions and brain storming will help understand the concepts in easier and better way. Hands on experience during site visits will give clearer picture of quality control and management applications.

How does assessment take place?

After completion of major learning / topic, there is an assignment to judge your level of understanding of that particular chapter. Overall there can be 8-10 assignments. Your performance is tracked and finally converted into 'Grade' which is reflected on the certificate.

A+: Excellent; A: Very good; B: Good; C: Satisfactory

How to pass and avail certificate?

You need to attend all sessions, complete all assignments, appear for an external viva and pay all fees to be eligible for this certificate.

What are the requirements / pre requisite to undergo this training?

You need to be a positive learner. You shall bring a scientific calculator, a measuring tape and laptop every day. Assignments shall be completed and submitted on time. 100% attendance is compulsory and generally, deliveries are not repeated.

Language of instruction

English (mostly) and Marathi or Hindi (if necessary)

Why choose us?



by EAL, UK

**We build trust at infini. Along with quality delivery,
at infini you are ensured to get**



Right
Approach



Right
Curriculum



Right
Trainer



Right Study
Environment



Right Skills
Development

About Infini:

Infini Institute is a companionship of Civil Engineers formed with a motto of imparting value added competency enhancement trainings to the construction personnel, students and faculties at all levels to transform them into professionals. We are EAL, UK recognized center, 1st such center in India.

Our services :

* Short term training programs are -

- QS, Estimation & Billing
- Project Estimation & Planning
- Project planning & scheduling using MS Project / Primavera
- Project Management using MS Project / Primavera
- Building Information Modeling (BIM)
- Revit Architecture, Structural and MEP
- PMP and CAPM certification preparations

* 1 Yr Full time PG program in Construction Project Management (International Certification)

- * Employability Skills testing for institutes and corporate
- * MDPs and FDPs (tailor made)
- * Consultancy in Project Management

infini institute of program management

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