

Position Title: Quality Control Manager

Position Overview

The Quality Control (QC) Manager at Advanced Technology Construction is critical in ensuring that all construction projects meet rigorous quality standards and comply with federal regulations. This position will oversee the development and implementation of quality control plans and inspections, ensuring all work adheres to project specifications and regulatory requirements. The QC Manager will work closely with project teams, clients, and government inspectors to maintain the company's reputation for excellence in federal contracting, particularly with agencies such as the Navy, Army Corps of Engineers, Veterans Administration, and Coast Guard.

Key Responsibilities

1. Quality Control Program Development and Implementation

- Develop, implement, and manage project-specific Quality Control Plans (QCPs) in compliance with federal guidelines, including Naval Facilities Engineering Systems Command (NAVFAC) and the U.S. Army Corps of Engineers' requirements (e.g., USACE Three-Phase Control System).
- Establish and maintain standardized QC processes and procedures for all projects to ensure consistency and compliance.
- Review project specifications and design documents to identify quality control measures and establish baseline expectations.

2. Inspection and Verification

- Perform and oversee inspections of construction work to verify compliance with contract requirements, technical specifications, and quality standards.
- Document and report findings from inspections, including any non-compliance issues, and manage timely corrective actions as necessary.
- Lead preparatory, initial, and follow-up inspection phases as part of the USACE's Three-Phase Control System.
- Work with subcontractors to ensure their compliance with quality standards and assist them in developing their own quality control processes when necessary.

3. Compliance and Regulatory Adherence

- Maintain thorough knowledge of relevant federal regulations, including FAR, DFARS, and agency-specific quality standards.

- Ensure all construction activities comply with applicable safety and environmental regulations, such as OSHA and EPA standards.
- Liaise with client quality assurance personnel and federal inspectors to ensure project alignment with quality standards and obtain necessary approvals.

4. Documentation and Reporting

- Prepare detailed quality control reports, including daily logs, non-conformance reports, and quality assurance/quality control (QA/QC) checklists.
- Maintain organized, up-to-date documentation and records in accordance with federal contract requirements and company standards.
- Track project submittals and oversee document control processes to ensure accuracy and compliance.

5. Training and Education

- Develop and lead quality control training sessions for project staff, including site superintendents and subcontractors.
- Ensure all personnel involved in project execution are educated on quality standards, processes, and regulatory requirements.
- Share best practices and lessons learned from past projects to promote a culture of quality awareness throughout the organization.

6. Coordination and Collaboration

- Work closely with the Project Manager, Project Engineer, and field teams to integrate quality control into project planning and execution.
- Foster strong working relationships with federal agency representatives, subcontractors, and other project stakeholders.
- Coordinate with safety managers to align quality control efforts with site safety plans.

7. Risk Management and Problem Solving

- Identify potential quality risks and proactively implement solutions to mitigate issues before they impact project timelines or budgets.
- Collaborate with project teams to address and resolve any quality-related issues or concerns promptly and effectively.

- Conduct root cause analysis for quality failures and develop corrective action plans to prevent recurrence.

Qualifications

Education and Certifications

- Bachelor's degree in Construction Management, Civil Engineering, or a related field or equivalent skill acquisition through a career in the construction trade.
- CQM-C (Construction Quality Management for Contractors) certification is required.
- Additional certifications such as ISO 9001:2015 Lead Auditor or other quality management qualifications are highly advantageous.
- OSHA 30-Hour Construction Safety certification is preferred.

Experience

- Minimum of 5-7 years of experience in construction quality control, with substantial experience in federal projects.
- Demonstrated expertise working on projects for federal agencies such as the Navy, Army Corps of Engineers, Veterans Administration, or the Coast Guard.
- Experience with Design-Build and Design-Bid-Build projects within the federal contracting space.
- Familiarity with project close-out or "Redzone" processes and procedures.

Technical Competencies

- Proficiency with project management and quality control software (e.g., Procore, RMS, MS Project).
- Strong understanding of construction methodologies, materials, and practices, particularly those relevant to federal projects.
- Ability to read, interpret, and apply construction drawings, technical specifications, and contracts.

Regulatory Knowledge

- In-depth knowledge of FAR, DFARS, and other relevant federal quality standards and regulations.

- Experience implementing and maintaining compliance with the USACE Three-Phase Control System and other federal quality frameworks.

Competencies for Success

Success competencies are key skills, behaviors, and attributes essential for excelling in this role. They highlight what top performers do well and outline the qualities that lead to exceptional outcomes. By including these in our job description, we aim to give candidates a clear understanding of what it takes to thrive here. While we don't expect every candidate to have all these competencies from day one, we expect a willingness and ability to develop them through continuous learning. Advanced Technology Construction is committed to helping our team members grow and succeed in building these competencies:

- **Attention to Detail**: Consistently ensures precision in inspections, documentation, and processes to maintain adherence to quality standards and regulatory requirements.
- **Problem Solving**: Proactively identifies potential quality issues, analyzes root causes, and implements practical corrective actions to maintain project momentum and standards.
- **Decision Quality**: Makes well-informed, timely decisions that balance technical requirements with practical considerations to achieve project objectives.
- **Technical Expertise**: Demonstrates in-depth knowledge of quality control processes, federal regulations, and construction methodologies, applying this expertise to deliver superior results.
- **Driving for Results**: Maintains a strong focus on achieving high-quality outcomes within established timelines, ensuring that all deliverables meet or exceed client expectations.
- **Building Effective Teams**: Leads and mentors project staff and subcontractors, fostering a collaborative environment focused on continuous improvement in quality practices.
- **Communicating Effectively**: Conveys technical information and expectations to diverse stakeholders, ensuring alignment and mutual understanding of quality standards.
- **Interpersonal Savvy**: Builds strong relationships with federal clients, inspectors, and internal teams, leveraging diplomacy and tact to address challenges and secure buy-in.
- **Integrity and Trust**: Upholds high ethical standards, ensuring transparency and accountability in all quality-related activities and decisions.
- **Organizational Agility**: Navigate complex federal quality frameworks and client-specific requirements efficiently, adapting to changes while maintaining compliance.

Physical Requirements

- Ability to perform site visits and inspections in various environments, including active construction zones.

- Willingness to travel to project sites and work on-site as required.
- Ability to conduct thorough physical inspections and potentially engage in hands-on review of construction activities.