

QA/QC Engineer

Mission-Critical / Data Center Construction

8+ Years Engineering / Construction-Related Experience

YEARS OF EXPERIENCE

\$165B – Large-Scale Data Center Development

LARGEST PROJECT

LOCATION	Anthony, TX
POSITION	QA/QC Engineer
YEARS OF EXPERIENCE	8+
RELEVANT COMPANIES	Clayco, Intel
CERTIFICATIONS	B.S. in Mechanical Engineering from New Mexico State University
SALARY REQUIREMENT	\$90k per year
START DATE	2 weeks from offer

CANDIDATE OVERVIEW

This candidate is a Mechanical Engineering graduate and QA/QC professional with a background spanning mission-critical data center construction, semiconductor manufacturing, industrial systems, SCADA/controls, and field engineering. He currently serves as a QA/QC Engineer on a large-scale data center development, where he has quality responsibility for an entire approximately 34 MW data hall. His day-to-day responsibilities include reviewing project quality plans, Inspection and Test Plans (ITPs), construction drawings, specifications, submittals, and RFIs, followed by field verification to ensure installation activities are being completed in accordance with established project requirements.

In his current role, he performs field inspections across MEP, concrete, structural, and architectural scopes and coordinates directly with superintendents, subcontractors, third-party inspectors, and client representatives. He is involved with mock-ups and first-of-kind installations, non-conformance tracking and resolution, material receiving inspections, weekly quality meetings, commissioning support, and turnover documentation. A significant portion of his current responsibility is focused on ensuring quality documentation and system requirements are complete and ready for final building turnover.

Prior to moving into construction QA/QC, he worked as a Process Engineer within Intel's semiconductor manufacturing environment, where he performed failure analysis, reviewed equipment performance data, diagnosed mechanical and process issues, implemented corrective solutions, and later supported the construction, installation, and startup of manufacturing tools. He also brings six years of Engineering Technician experience involving SCADA systems, PLC controls, high-voltage electrical work, UPS systems, surveying, water infrastructure, and concrete construction. His combination of current mission-critical QA/QC experience, Mechanical Engineering education, and multidisciplinary technical background provides a strong foundation for continued growth within construction quality management.

KEY STRENGTHS

- Current QA/QC Engineer on a large-scale mission-critical data center development
- Quality responsibility for an approximately 34 MW data hall
- Bachelor's Degree in Mechanical Engineering
- Hands-on QA/QC experience across MEP, civil, structural, concrete, and architectural scopes
- Experienced with ITPs, project quality plans, mock-ups, first-of-kind inspections, NCRs, RFIs, and submittals
- Direct coordination with Superintendents, subcontractors, third-party inspectors, and client representatives
- Strong commissioning, turnover, and quality documentation experience
- Previous Intel semiconductor Process Engineer with equipment installation, startup, troubleshooting, and failure-analysis experience

SKILLS CHECK LIST

- Construction QA/QC
- Mission-Critical / Data Center Construction
- Inspection & Test Plans (ITPs)
- Project Quality Plans
- Field Quality Inspections
- MEP Quality Control
- Civil / Structural / Concrete Inspections
- Mock-Ups & First-of-Kind Inspections
- Non-Conformance Reports (NCRs)
- Corrective Action Tracking
- RFIs & Submittal Review
- Construction Drawing & Specification Review
- Material Receiving Inspections
- Commissioning Support
- Turnover Documentation
- Subcontractor Coordination
- Quality Meetings & Field Verification
- SCADA / PLC Systems
- High-Voltage / UPS Systems
- Semiconductor Manufacturing

Interested in an interview?

Reply to this message or contact me directly and I will release the full resume and coordinate a call at your convenience.

Michael Berzito

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