

CONSTRUCTION INSPECTOR

Profile

Civil Engineer Quality Control Project Manager Process Improvements Safety Compliance Testing/Analysis Accomplished, solutions-oriented, multilingual Civil Engineer with extensive engineering, analytical, technical and problem-solving skills honed over more than ten years within the construction industry. Highly adept problem solver, skilled at defining the core nature of issues, identifying and analyzing root causes, and detecting waste elimination opportunities. Recognized for strong project management skills, lean manufacturing techniques, design and quality standards. Strong ability to cross-function as a team member, leader and independent professional, performing under pressure and meeting all deadlines in any capacity. Excel at turning individuals into teams that work efficiently and exceed all expectations. Exceptional academic qualifications, including a Master of Science degree in Civil Engineering from Florida International University.

Skills

Microsoft Office (Word, Excel, PowerPoint, Outlook, Publisher) / Microsoft Visio / Adobe Photo Deluxe/Photoshop/ Microsoft Project / AutoCAD / Windows / Linux / MAC OSX / MATLAB / Simulink / Xilinx ISE (V.11) / Cadence Orcad / Proteus / Cadence Allegro PCB design tool / MDK-ARM/ATMEL Studio / CodeVision / SolidWorks

Professional Experience

01/2013 to Current Company Name - City , State

01/2007 to 01/2013 Company Name - City , State

Construction Inspector , 01/2005 to 01/2007 Company Name - City , State

- Utilize extensive organizational skills to maintain daily logs and supplement inspection records with photographs.
- Meticulously review and interpret plans, blueprints, site layouts, specifications and construction methods to effectively ensure compliance to legal requirements and safety regulations.
- Supervise 18 project employees, including in-house, external contractors, and sub-contractors.
- Methodically ensure projects are progressing as per schedule and in accordance with local building codes and laws.
- Utilized extensive engineering skills to perform field duties, including post-tension and conventional reinforcing steel inspection, concrete placement inspection, masonry inspection, sampling and testing, high-strength bolting and welding inspections done at various project sites.
- Systematically conducted ongoing inspection of work-in-process to ensure final product successfully met drawings and specifications.
- Assisted subordinates in understanding the process to increase staff skill levels.
- Skillfully inspected materials to identify conformance to specifications, construction of surface street improvements and equipment installation activities to ensure conformity of products and systems with engineering design.
- Expertly prepared comprehensive and concise daily reports to accurately reflect the day's construction activities with details.
- Meticulously maintained up-to-date project records, as delegated by construction manager, including as-built drawings, material testing reports, miscellaneous inspection and testing reports, item quantity files and others as determined by construction manager to ensure comprehensive record of activities.
- Evaluated quality of materials used and inspected them and quality of work completed to ensure all materials and work met requirements.
- Employed extensive analytical skills to check plans for accuracy, suitability and completeness, and made recommendations for revision and improvement when necessary.
- Proficiently arranged meetings with architects and builders to devise a plan to help builders save time while building structures as per zoning rules and standards.
- Effectively provided daily feedback on construction work to builders and architects, and expertly advised them on the changes needed for compliance.
- Reliably conducted ongoing inspection of work-in-process to ensure final product met drawings and specifications.
- Liaise with clients and a variety of professionals including architects and subcontractors in a professional manner.
- Utilize extensive engineering skills to proficiently conduct site inspections.
- Meticulously complete complex and repetitive calculations to ensure construction conforms to code.
- Ensure the project effectively complies with all legal requirements.
- Assess the sustainability and environmental impact of project to ensure the environment is protected.
- Inspect inventories and prepared orders for civil projects and refractory materials in line with budgeted figures averaging \$2,000,000; coordinated and conducted section trials.

Education and Training

Master of Science : Civil Engineering , 2007 FLORIDA INTERNATIONAL UNIVERSITY - City , State GPA: GPA: 3.6 Civil Engineering GPA: 3.6

Traffic & Materials Engineering, Construction Methods. Fluid Mechanics & Hydraulics

Bachelor of Science : Civil Engineering FLORIDA INTERNATIONAL UNIVERSITY - City , State GPA: GPA: 3.8 Civil Engineering GPA: 3.8

Civil Engineering Design, Cost Estimating & Surveying, Structural Analysis & Dynamics, Geotechnical Engineering, Environmental Engineering, Concrete & Steel Design GPA: Chi Epsilon (Civil Engineering Honor Society), Dean's List Chi Epsilon (Civil Engineering Honor Society), Dean's List

Bachelor of Science : Construction Technology UNIVERSITY OF PARIS - City , FRANCE GPA: GPA: 3.7 Construction Technology GPA: 3.7

Associate of Science : Mathematics UNIVERSITY OF PARIS - City GPA: GPA: 3.5 Mathematics GPA: 3.5

Certification of Engineer in Training: 2004 *Engineer in Training Certification (EIT)

Affiliations

American Society of Civil Engineers (ASCE) *National Society of Professional Engineers - Member *National Academy of Engineering - Co-chair *Institute of Electrical and Electronics Engineers (IEEE) - President

Interests

Soccer, healthy eating/learning about nutrition, travel, experiencing new cultures, swimming, crafts, photography (taking classes), family time, amusement parks, swimming and all types of church activities Detailed Professional References Available upon Request

Languages

English, French, Spanish

Skills

Adobe Photo Deluxe, Photoshop, analytical skills, AutoCAD, Blueprints, Building Codes, Cadence, Civil Engineering, Compliance Management, Computer Literate, concise, construction manager, Customer Relationship Management, clients, Customer Service, Engineer in Training, EIT, engineering design, English, Environmental Engineering, equipment installation, Estimating, French, Hydraulics, inspection, Inspect, Team Leadership, legal, Linux, MAC, masonry, Materials, MATLAB, meetings, Excel, Microsoft Office, Outlook, PowerPoint, Microsoft Project, Publisher, Microsoft Visio, Windows, Word, Orcad, organizational skills, Project Design, Project Management, Project Planning, quality, Reading, Reporting, Safety, Scheduling, SolidWorks, Spanish, Time Management, welding

Additional Information

- Honors and Awards *Employee of the Month - Anthonya Group LLC *Highest Customer Satisfaction Ratings - Anthonya Group LLC
*Dean's List
- Interests Soccer, healthy eating/learning about nutrition, travel, experiencing new cultures, swimming, crafts, photography (taking classes), family time, amusement parks, swimming and all types of church activities Detailed Professional References Available upon Request