VALERIA OKONKWO

Structural Inspector

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SKILLS

IBC / AISC / ACI Code Compliance
Special Inspections (Ch. 17)
Structural Steel Inspection
Reinforced Concrete Inspection
AWS Welding Inspection • Shop Drawing Review
Non-Destructive Evaluation (NDE)
Mobile Field Reporting (Procore)

LANGUAGES

English
Spanish

EDUCATION

B.S. 2015
Texas Southern University — Houston, TX
Civil Engineering Technology — GPA: 3.4

STRENGTHS

Attention to detail

Strong attention to detail and ability to identify potential hazards

Communication

Excellent communication and interpersonal skills, with ability to work effectively with diverse teams

HOBBIES

Rock climbing

CERTIFICATES

CSI Certification Jun 2018
International Association of Structural Inspectors
Certified Structural Inspector (CSI) certification

SUMMARY

Licensed structural inspector with 9 years of field experience conducting inspections on commercial, residential, and infrastructure projects valued up to $180M. Proficient in IBC, AISC, and ACI standards, with a record of identifying 340+ code deficiencies per year and maintaining a 0% re-inspection failure rate for permitted corrections. Skilled in producing detailed inspection reports accepted by 12 AHJs across Texas.

EXPERIENCE

Senior Structural Inspector — 2019 – Present

Bureau Veritas — Houston, TX

Lead structural inspections for large-scale commercial and mixed-use developments up to $180M.

- Performed 420+ structural inspections annually on steel, concrete, and masonry construction, achieving 100% on-time report submission.
- Identified 340+ code deficiencies per year; coordinated corrective actions that reduced re-inspection rates by 22%.
- Reviewed shop drawings and structural calculations for 18 projects, ensuring compliance with IBC and AISC standards.
- Supervised a team of 4 junior inspectors and provided code interpretation guidance on 60+ complex field conditions.
- Collaborated with PEs and GCs to resolve 95% of non-conformances within 5 business days of identification.

Structural Inspector — 2015 – 2019

Intertek — Dallas, TX

Conducted field inspections on commercial and industrial facilities throughout the DFW metroplex.

- Inspected 280+ structural elements annually including welded connections, anchor bolts, and post-installed anchors.
- Maintained detailed daily inspection reports for 30+ concurrent projects, with zero AHJ rejections over 4 years.
- Performed special inspections per IBC Chapter 17 on 12 high-rise projects up to $95M in construction value.
- Trained 6 entry-level inspectors on field protocols, NDE methods, and digital reporting systems.
- Reduced inspection cycle time by 18% by implementing mobile field reporting software across the department.

PROJECTS

Building Inspection Project — Jun 2020 - Aug 2020

Lead Inspector

Inspecting the structural condition of a 10-story building in Manhattan, NYC.

Drone inspection • Ground-penetrating radar