

AWS Inspector Reference

EDWARD ENRIQUEZ

(786) 302-3547

Project Manager / C.E.I. Inspector

EDUCATION: Diploma, Perth Amboy High School, Perth Amboy, NJ - June 1983

CERTIFICATIONS:

Certificate, 1988 Certified Welding Inspector #88110063, by American Welding Society
Certificate, Level II UT by Kraut-Kramer Branson, NDT Training Course June 1988
Certificate, Concrete Testing & Inspection - Grade I Technician, ACI 1990
Certificates, Various Construction Courses at Middlesex County College 1986-1988
Certificate, Primavera Project Planning & Scheduling for Windows
Certificate, Florida Building Code comparison, by B.T. Builders
Certificate, FDOT CTQP - Pile Driving Inspection
Certificate, FDOT CTQP - Drilled Shafts Inspections
Certificate, Class "C" - Waste Water Collection Technician
Certified CCTV Operator for Televising Sewer Mains
Certified technician for Vapor Moisture Testing of concrete slabs
Certified tech. for Swiss Hammer Testing, Stucco, Fireproofing and Post Tension Slab Testing
Certificate OSHA 30 hour safety
Certificate, Hazwoper-29 CFR 1910.120e 40 hour
Certificate OSHA 10 hour safety
Certified Fork Lift Operator and Aerial Lift Operator
Certified CSX Roadway Worker Safety Training for working on rails
Certificate, Lev. I MT, PT & UT, PTL Inspection Labs, July 1984-December 1984
Certificate, Lev. II MT, UT & PT, PTL Inspection Labs, November 1984- October 1985
Certificate, Blueprint Reading Course, Harris Structural Steel, November 1985
Certificate, Level I UT, MT & PT, Harris Structural Steel, October 1985- February 1986
Certificate, Level I RT Interpretation, Harris Structural Steel, February 1986- June 1986
Certificate, Level II UT, MT & PT, Harris Structural Steel, June 1986-January 1990
Certificate, Level II RT Interpretation, Harris Structural Steel, June 1986- January 1990
Certificate, Automatic Orbital Welding, AMI Inc., in California 1990
Certificate, Level III - UT, MT & PT, ASNT-TC-1A, National Torque Tech. Labs, 1990
Certificate, VT1 Level III, ASME Sect. XI IWA 2300, National Torque Tech Labs, 1991
Certificate, Leadership and Management in the New Economy
Certificate, Discrimination and Harassment in the Workplace

EXPERIENCE SUMMARY:

I have 29 years experience in management and the performance of construction inspections. Inspected various schools, steel fabrication plants, forging shops, cogeneration and nuclear power plants, water treatment facilities, piping manufacturer, Rebar manufacturing and Coating, sewage plants, pharmaceutical and biotech industrial buildings, food processing plants, bridges, railroads, above ground storage tanks, ship yards and oil refineries. I have extensive field and administrative experience in the performance of "ADA" Access Compliance Inspections with Miami-Dade County Schools and various Counties throughout NJ and have performed various other types of inspections at over 200 schools in NJ, PA and NY. I also have extensive field and management experience dealing with water main and hydrant installations, drainage and gravity sewer lines and service lateral inspection and performed all data base entries and office functions to administer the Miami-Dade County I-E-I Program for the Water & Sewer Department and for The City of Fort Lauderdale Water Works.

RELEVANT WORK HISTORY:

07/2004 to Present - Owner/Technician – National Welding Inspection Specialists, Miami, FL

Responsible for hiring, training and supervising all field personnel, payroll, tax preparation, customer relations, sales, purchasing, equipment maintenance & calibration, invoicing, report distribution, preparing welding and inspection procedures as per applicable codes and prepare QC manuals. I was personally involved with all 1st and 2nd shifts mechanical NDT inspections for all steel pipe welding that went on at The Miami Airport Tank Farm after the fire incident in 2011, also monitored the hydrostatic testing and pneumatic testing of same lines. We also performed extensive Ultrasonic testing of CSX & FEC rails splices being constructed by Gonzalez & Sons, Herzog and Amtrak builders. Performed NDT and Video Probe inspections on the Gantry cranes at Port of Miami and many other CWI and NDT inspections on a variety of projects throughout Florida, the US and overseas.

06/1991 to 11/2011 Sr. NDT Inspector on part time basis - Engineering & Inspections Ultd., Ft. Laud., FL

Performed NDT testing at various projects & locations throughout Florida and abroad; Assigned to a military base project on Andros Island in the Bahamas monitoring and testing pipe welds via UT on fuel lines, UT tested 500KV tangent electrical poles for FPL throughout Florida, performed Phased Array UT tests of boiler tubes on an outage at the Big Brown coal burning plant in Dallas, Tx, performed CWI & UT tests on a galvanized tube steel walkway bridge for Disney cruise lines at Cape Canaveral, Fl., amongst many other projects.

09/06 to 03/09 Project Manager / C.E.I. - CSA Group, Inc. Miami Office

Assigned to the City of Fort Lauderdale Water Works Project 2011. Responsible for all field activity by the contractor, including safety. Verify the elevation survey and layout and monitor the excavation and installation of sanitary sewer gravity main and service laterals, water mains, fire hydrants and storm water drainage systems, including manholes and inlets. All underground installations are inspected visually and televised with CCTV and recorded for the City archives, MOT is checked daily for safety and site inspected for cleanliness, create and maintain daily reports in MS Expedition, inspect construction material for conformity with the specifications, review and maintain field drawings for updates and create "As-Built" drawings for future record keeping. Monitor and inspect concrete pours of sidewalks and curb & gutter, as well as inspect re-construction of roadways with asphalt and supervise the density testing of LBR-40 and Limerock base material.

09/05 to 07/06 QA/QC Rep. – Central Florida Equipment Rentals

Working on Bus-Way Extension project to Florida City - Segment II. Perform Quality Control/Assurance functions; re-write QA Manual in accordance with project specifications and resubmit for approval by Miami Dade Transit, review material submittals and shop drawings for conformity, inspect all incoming safety materials along with on-site safety supervisor (barrier walls, barricades, silt fencing, construction perimeter fencing, etc.), write RFI's accordingly, make drawing and shop drawing submittals, gathered info and put together material submittals & MSDS sheets for project approval, created & maintained logs for RFI and submittals, wrote daily reports, completed incident reports, monitored the installation of drainage structures and pipe, gravity sewer mains and manholes, monitored all earth work for the construction of busway lanes and intersections, also the placement of asphalt, witnessed all concrete pours for bus shelter foundations & slab, gravity walls, sidewalks, curb/gutter, valley gutters, poured in place columns and bridge pile caps, observed the driving of bridge piles at the canals, the installation of silt fence and hay bails, and monitored the erection of bus shelter steel framing and performed the welding inspections, scheduled all field testing with testing lab and oversaw all work, including environmental air monitoring and clearing & grubbing of Arsenic contaminated soils and arranged the hauling off of the material with DOT Manifests and logged everything into Expedition program. Also, received HAZWOPER 40 hour training cert, OSHA 30 hour and 10 hour safety certificates First Aid course certificates, plus, was certified for forklift & heavy equipment operator.

7/05 to 9/05 Project Manager Temp. Position – L & R Structural Corp., Inc.

First (1st) assignment was a 16 story condo project on LeJeune & W Flagler St. began when on 9th fl and poured 1 FL per week (655cu/yds) and was re-assigned to another project while on the 14th floor. Second (2nd) project was on Fisher Island in Miami Beach, where we were building a 10 story condo unit. I reviewed drawings and CADD files, wrote RFI's accordingly, made drawing and shop drawing submittals, gathered info and put together material submittals & MSDS sheets for project approval, created & maintained logs for RFI and submittals, ordered steel reinforcing according to shop drawings & scheduled field deliveries, scheduled the Post-Tension cable deliveries, scheduled concrete pours with 41M & 61M boom pump trucks, processed & maintained time sheets for subs, distributed payroll, placed field material orders, wrote daily reports, conducted safety tool box meetings and maintained records, completed incident reports, obtained required permits and set up field office in trailer and assisted in processing monthly billing.

5/04 to 7/05 Project Superintendent – The Tower Group, Davie, FL

Assigned to supervise and run along with 3 other supers and a general superintendent a \$90 Million Multi-level residential condominium project in Weston. I oversaw all construction activities from all the different disciplines, (electrical, plumbers, mechanical, masons, rod busters, steel erectors, welders, door/window installers, dry wallers and roofers). Review drawings, verify field dimensions, schedule threshold and county inspections and sign off on permits, maintain inspection log, determine proper action for contractor RFI's , review change orders, process orders, ensure job safety, write and maintain daily activity report and conduct weekly progress meetings. Prior to above project, worked on strip mall in Coral Ridge, along with a steel framed Atlantic States Bank and was first assigned work as Asst, Super on Tilt-up panel warehouses, one of which was Eagle Global Logistics.

4/03 to 5/04 Senior Construction Inspector/Structural Supervisor - ATC Associates, Miami, FL

In charge of all structural inspections. Participated in most projects performing densities & concrete testing. Conducted all non-destructive examinations and certified welding inspections, also performed all the post tensioning inspections, fireproofing, stucco, concrete vapor moisture tests, Swiss Hammer test and pile driving monitoring. Had security clearance at MIA, Ft. Lauderdale Airport, Port of Miami and Port Everglades, also at most Marinas.

4/01 to 4/03 Senior Construction Manager - PBS&J, Miami, FL

Assigned to the Tri-Rail Double Track Project as part of the management team, I was responsible for all structural work being performed; pile driving, bridges and stations. I was also a project engineer on their National Parks Project in the Everglades. Responsible for providing "ADA" Access Compliance inspection service for 12 schools within the Miami-Dade County Public Schools district and have done the same for 2 other Engineering firms in NJ from 1992 to 1998. Also, I have extensive field and administrative experience in the inspection of new school construction, additions, expansions and interior/exterior alterations to over 500 public schools throughout the States of FL, NJ, PA and NY. I also have extensive knowledge and field experience in building demolition and reconstruction and pavement demolition and reconstruction related to Airport Runways and Taxiways, I performed field inspections at Miami International Airport on the new (8-26) North Runway

3/00 to 3/01 Project Engineer/Coordinator - Marlin Engineering, Miami, FL

Responsible for administering Dade County's I-E-I Contracts & distributing work to approved Contractors and scheduling over 22 county inspectors and 10 sub-contracted inspectors to cover the multiple construction crews throughout Dade-County, performing gravity sewer main line replace/repairs & liners. Also, took care of customer complaints and registered them with the appropriate departments and provided solutions. Maintained records of all work being performed, attended meetings with contractors and county reps., toured sites to monitor activities, reviewed tapes of trouble lines, reviewed invoices for approval and helped locate unlisted sewer lines.

7/98 to 3/00 Senior Inspector – Jt Venture, Earth Tech Environmental / Hazen & Sawyer, Miami, FL

Performed field inspections at various locations throughout Dade-County, monitoring contractor activities of repairs on sanitary gravity sewer mains, laterals and manholes through full length liners, sectional patches and sometimes when line were to damaged Dig & Replace crews were dispatched to replace the entire line & road.

8/92 to 3/00 Owner/President – American Testing & Technical Services, NJ/FL

Responsible for hiring, training and supervising all field personnel, payroll, tax preparation, customer relations, sales, purchasing, equipment maintenance /calibration, invoicing, report distribution, preparing welding and inspection procedures as per applicable codes, QC manuals and performing shop audits. I was **personally in charge of 1st and 2nd shifts mechanical and structural inspections for all steel and pipe welding that went on at The World Trade Center after the 1993 bombing of their chiller plant. All piping and HVAC installed were monitored by the Mechanical Contractor's engineer and myself. Also, inspected all the plumbing installation on the sprinkler Fire Suppressant System.** Supervised and managed 5 inspectors for all inspections performed on The Performing Arts Center in Newark, NJ which included structural, mechanical, plumbing and interior finish. I have performed field inspections on various Hospitals and Health Care facilities, Firehouses, Police Headquarters, High rises, Pharmaceuticals, Cogeneration, Nuclear plants, Bridges, Tunnels, Rail Roads, Water Treatment plants and much more, throughout NJ and NY and performed safety inspections on bleachers at many schools and public stadiums and stairwells for public access buildings.