

# Andrew S. Heath, CWI

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## Summary

- Certified Welding Inspector CWI # 12040851
- Ultrasonic Testing Level II (shear-wave)
- Magnetic Particle Testing Level II
- Over 10 years in Steel Fabrication
- Over 6 years of QA/QC experience
- TWIC cardholder

## Work History

**Lead Inspector/NDT Tech:** Smith-Emery Engineering Services at Schuff Steel (Loma Linda University Medical Center / Google Bay View Campus/ LAX Midfield) - October 2017 - Present

- Promotes constant communication between the client, supplier, and inspection personnel.
- Assists in providing visual inspections and non-destructive examinations in a timely prioritized manner consistent with project goals.
- Review drawings, weld data logs, analyze test data and write evaluation reports.
- Ensure supplier compliance to applicable codes such as AWS D1.1, AWS D1.8, AISC 341 and other project specifications.
- Created and manages a project tracking log to ensure all welds are tested and accounted for prior to critical hold points and shipment of deliverables.
- Prepare reports to communicate involvement and results on quality assurance activities. Performs reviews of documentation for compliance with contract requirements. Diagnose, report, track and resolve quality related issues to ensure quality related deliverables meet the customer requirements.
- Practice and implement working knowledge of ASTM, AWS, AISC and ASME codes as well ASNT UT/MT and VT.

**Quality Assurance Engineer:** People and Project Solutions, LLC at Vigor (Westinghouse AP1000) - February 2017 - September 2017

- Provide necessary project support relating to project management and controls.
- Review drawings, weld mapping, and weld data logs, welding specifications, material traceability and inspections to maintain compliance with multiple codes such as AWS D1.1, AWS D1.6, and ASME B31.1.
- Review receiving inspection reports, certificates of compliance and conformance and related test reports to determine validity, analyze test data and write evaluation reports, performance evaluations, and analyzes the results, as needed.
- Prepare reports to communicate involvement and results of quality assurance activities. Perform reviews of design documentation for compliance with contract requirements. Diagnose report, track and resolve quality related issues to ensure quality related deliverables meet the quality assurance program and customer requirements.
- Practice and implement working knowledge of ASTM, AWS and ASME codes as well as ASNT UT/PT/MT/RT and VT.

**Source Surveillance Inspector:** WECTEC Staffing at Cives Steel Company (Westinghouse AP1000)- October 2016 - February 2017

- Perform surveillances on supplier quality assurance programs and attributes such counterfeit and suspect items procedures, commercial grade dedication plans and nonconformance program.
- Monitor and track nonconformance, corrective actions, and causal analysis. As well as monitor mechanical, welding and coating activities to ensure compliance to proper specifications and procedures.
- Prepare reports to communicate involvement and results of quality assurance activities. Perform reviews of design documentation for compliance with contract requirements. Diagnose report, track and resolve quality related issues to ensure quality related deliverables meet the quality assurance program and customer requirements.

- Review drawing, weld mapping, and weld data logs, welding specifications, material traceability and inspections to maintain compliance with multiple codes such as AWS D1.1, AWS D1.6, ASME section III and VIII, NQA-1 nuclear quality standard and 10CFRPart 52.

**Quality Assurance Engineer:** Project Assistance Corporation at SMCI, MetalTek (Westinghouse AP1000)- May 2016 - July 2016

- Review drawings, travelers, weld mapping, weld data logs, welding specifications, material traceability and inspection reports to maintain compliance with structure fabrication codes D1.1, D1.6, ASME section III and VIII, NQA-1 nuclear quality standard and 10CFRPart 52.
- Perform review of design documentation for compliance with contract requirements. Diagnose report, track and resolve quality related issues to ensure related deliverables meet the quality assurance program and customer requirements.

**Quality Control Inspector/Quality Assurance Engineer:** Project Assistance Corporation at Vigor (Westinghouse AP1000) - July 2015- April 2016

- Review drawings, travelers, weld mapping, weld data logs, welding specifications, material traceability and inspection reports to maintain compliance with structure fabrication codes D1.1, D1.6, ASME section III and VIII, NQA-1 nuclear quality standard and 10CFRPart 52.
- Perform weld inspections using multiple NDE methods to ensure that deliverables meet the requirements set forth in procedures, codes and specifications. Ensuring that all testing completed had the proper reports generated with complete and accurate information as well as maintaining a data log for easier tracking of reports that were generated by all QC personnel.
- Practice and implement working knowledge of ASTM, AWS and ASME codes as well as ASNT UT/PT/MT/RT and VT.

**Quality Assurance Engineer:** NE Inspection Solutions at SMCI, MetalTek (Westinghouse AP1000) - January 2015- July 2016

- Review drawings, travelers, weld mapping, weld data logs, welding specifications, material traceability and inspection reports to maintain compliance with structure fabrication codes D1.1, D1.6, ASME section III and VIII, NQA-1 nuclear quality standard and 10CFRPart 52.
- Prepare reports to communicate involvement and results of quality assurance activities. Perform reviews of design documentation for compliance with contract requirements. Diagnose report, track and resolve quality related issues to ensure quality related deliverables meet the quality assurance program and customer requirements.
- Monitor and track nonconformance, corrective actions, and causal analysis. As well as monitor mechanical, welding and coating activities to ensure compliance to proper specifications and procedures.

**Quality Control Inspector:** Steel America at Newport News Industrial (Westinghouse AP1000) - April 2014- January 2015

- Perform weld inspections using multiple NDE methods to ensure that deliverables meet the requirements set forth in procedures, codes and specifications. Ensuring that all testing completed had the proper reports generated with complete and accurate information as well as maintaining a data log for easier tracking of reports that were generated by all QC personnel.
- Practice and implement working knowledge of ASTM, AWS and ASME codes as well as ASNT UT/PT/MT/RT and VT.

**Quality Control Inspector/ Quality Assurance:** Liebherr Mining Equipment - 2011-2014

- Perform weld inspections using multiple NDE methods to ensure that deliverables meet the requirements set forth in procedures, codes and specifications. Ensuring that all testing completed had the proper reports generated with complete and accurate information as well as maintaining a data log for easier tracking of reports that were generated by all QC personnel.
- Practice and implement working knowledge of ASTM, AWS and ASME codes as well as ASNT UT/PT/MT/RT and VT.
- Perform coating inspections to applicable codes, specifications and standards.

**Fitter/Welder:** Various Locations - 2005-2011

- SMAW, GMAW, FCAW, GTAW and SAW.

