

Resume Summary

Thirty five years in the welding industry. Industry sectors worked include Maintenance, Repair, Fabrication and and Inspection. My knowledge of welding technology and quality control is based upon years of experience, education, and self study. I am familiar with current trends in the welding industry and have been a member of the American Welding Society since 1986. I am driven to share my knowledge and abilities.

Summary of Experience and Qualifications

- Extensive Knowledge of Welding Processes and Proficient with the setup and operation of various welding processes including GTAW, SMAW, FCAW, GMAW, OFW, and SAW. Materials welded include Inconel, Monel, Carbon Steel, Hastalloy , Austenitic SS, Ferritic SS, Aluminum , NiAlBronze, Copper Nickel, Stellite, and Duplex SS .
- 1st qualified as an AWS CWI in 1990. Experienced in Project Quality Supervision, Quality Assurance, Procurement, Expediting, Specification Preparation, Startup, and Document Control.
- I have developed the Quality System for the Walters State Welder Testing AWS Accredited test Facility Program and maintained other systems.
- I have performed vendor surveillance for fabrication of piping systems, TEMA Heat Exchangers, Boiler and Pressure Vessel Components, Structural Steel, Piping Systems, and large fabricated steel structures.
- Construction and Shop experience with in-process inspection of fitup and welding on various types of equipment including but not limited to Boilers, Pressure Vessels, Tubular Heat Exchangers, B31.x Piping, Ductwork, Scrubbers, Absorbers (Duplex and Nickel Alloy), Fans , spiral welded pipe and similar products.
- Experienced with testing and qualification of welders and welding procedure specifications in accordance with various industry codes and standards. I can prepare records using a PC and any Office Application and proficient in the use of TWI and Cspec software
- I am experienced with managing quality and maintenance related data using desktop relational database systems and CMMS systems.
- I have developed database applications for tracking welding information for the power sector and pharm. industry.
- I have participated in quality system reviews as both an auditor and representative of the organization being audited.
- I am very proficient at the use of technology and related applications for various functions including P&ID walk down Lists, Weld Maps, Receipt and Final Inspection, Inventory Control Welder/WPS documentation, CAD and Purchasing.

Employment History

- Sep 2016 to Current- DBA Welding Inspection and Testing Services
- June 2014 to Sep 2016. Director of Welding Education and Training Walters State Community College-Division of Workforce Training and Technical Representative for The AWS Accredited Test Facility
- July 2010 to June 2014. Maintenance Pipe Welder for Packaging Corporation of America, Counce Tennessee
- Sep 2008 to April 2014. Adjunct Welding Instructor for Northeast Mississippi Community College.
- March 2001 to June 2014 Self-employed-DBA Welding Inspection Services when not working for others.
- Aug 2006 to Sep 2007 Quality Control Inspector for PSP Monotech, Iuka Mississippi.
- Oct 2004 to Aug 2006 CAD Designer, Webmaster, and Purchaser for Wrights Marine Construction, Pickwick Tn.
- Feb 2003 to Oct 2004 Various Boiler Outages and SCR Construction in the SE United States.
- Feb 2001 to March 2001 QC Inspector for SW&B construction at Paper Machine Project, Kimberly Clarke, Corinth MS.
- November 2000 to Jan 2001 Welder for US Boiler and Tube, FT Payne Alabama.
- November 1999 to November 2000. Quality Control Manager and Database Administrator for Prosser Modules, Glen Arm Maryland/Iuka Mississippi. Plant Closed
- July 1998 to Nov. 1999. Various short term projects in the southeast as a Quality Control inspector and Welder.
- July 1997 to June 1998 Quality Control Manager for PSP Industries in Iuka, Miss.
- November 1993 to July 1997: Pipe/Tube welder and Quality Control Inspector For Various Construction Companies in the Southeast United States.
- November 1991 to November 1993: Manager of Quality Assurance and Welding Engineering for Zurn Air Systems, Birmingham, Alabama. (Now in Pulaski Tn)
- March 1989 to November 1991: QC Inspector and Welding Technician for U. S Boiler and Tube Co. Inc. Ft. Payne Ala.
- April 1988 to March 1989: Welder and Apprentice Machinist at Lambs Machine Works, Memphis Tenn.
- October 1982 to April 1988: Hull Maintenance Tech and Nuclear Power Plant Components Welder in the US Navy.
- 1980 to 1982 Welder (Part Time) for Coleman Engineering, Memphis Tenn. High School Job

Education

- Completed Training and Certification for SMT Mechanical Assessor.
- Completed 80 hours of Boilermaker Training, Muscle Shoals Ala.
- Graduated Craigmont High School, Memphis, Tenn., 1982 in top 25 % of Class.
- Completed Approx. 1200 Hours of welding training at Kingsbury Vocational Center in Memphis, Tenn. (Honor Student)
- Attended Hull Maintenance Technician Class “A” School. (11 weeks self paced, Completed in 6.)
- Completed Navy Nuclear Power Plant Components Welder Course, US Navy “C” School. 30-Week Course Length
- Completed training courses for Nuclear Steam Generator Repairs including welding qualifications and radiological control practices.
- Completed Required Training for ASNT Level II Certification in Magnetic Particle and Liquid Penetrant Examination Methods. Course taken through Hellier and Associates.
- Completed UT Level I training with GE Inspection Technologies
- Completed College Algebra and 2nd Year Computer Programming Class at Jefferson State Community College in Birmingham, Alabama.
- I am familiar with Ultrasonic testing including complete setup, calibration, and operation of Ultrasonic testing equipment.
- Self Study for the AWS CWI Exam. No formal classes ever taken on the subject. I passed the complete test 3 times.
- I have performed extensive self study of welding related topics. I am deeply familiar with welding technology.

Skills and Abilities I can

... setup an organization to meet the requirements of AWS QC4-89 including manual preparation in accordance with your company operating practice.

... provide training on the AWS CWI Body of Knowledge

...perform inspection of various products in accordance with industry codes, customer provided specifications, or design drawings.

...develop written quality systems for organizations utilizing welding as a part of their manufacturing, construction, or maintenance.

...provide vendor survey inspections in accordance with customer requirements.

...develop course outlines and supporting content for welding, inspection and qa/qc topics.

...weld most commercially available metal alloys including structural and piping using SMAW, GTAW, FCAW,GMAW, SAW and OFW. .

... repair/install various types of industrial equipment

... perform various metal fabrication practices including Hot and Cold Forming, Layout, Shearing, Punching, Milling, Drilling, Turning (Lathe), and Polishing.

... perform tasks from design, fabrication, and erection drawings.

... perform boilermaking tasks including tube/heads installation, cut, arc gouge, bend tubes, rig and other related tasks.

... perform inspection of welded items of various types in accordance with customer specifications, industry codes and standards or any other project related documents.

...assure jurisdictional/code compliance for welded repairs in accordance with governing codes or standards.

... attend training and certify in UT and Radiographic film interpretation if needed. I have received prior training.

... assure compliance to specifications through an in depth understanding of the procurement and specifying process.

... train individuals for welding with various processes including strong process background knowledge related to welding and allied processes

...develop construction/fabrication related computer programs for welding documentation tracking, inventory/receiving, QA/QC, and document control.

...Prepare field isometric piping sketches and weld maps by hand or using various CAD programs.

... learn about any subject related to my skills due to a high level of interest in all related subjects.

... prepare written procedures supporting quality policies related to welding and fabrication.

... evaluate and suggest the latest in welding equipment or related metal fabrication equipment.

... I am computer literate with experience in application development, Internet and Intranet website development, and industry related computer programs.

... I am familiar with and have used Learning Management Systems and associated software for development of online welding related content.