

Name, PE

Address

City, MD 21797

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Summary:

Experience as a Quality Control Manager / Engineer for a boiler tube/pressure vessel manufacturer using ASME BPV Codes. Over 2 years as an Engineer in the valve repair industry specializing in database administration, training, and CAD. Over 8 years as a Senior Engineer in the nuclear power industry, focusing on project management of mechanical, electrical, and I&C design change packages, implemented primarily during refueling outages.

Relevant Engineering Skills:

ASME Codes	DesignCalcs	Data Entry	Microsoft Office Suite
Internet Usage	Database Administration	Training	Rave Reports
Valv-Keep	GIMP – Image Editor	PCMS	AutoCad

Employment History

Quality Control Manager / Senior Engineer, Westinghouse Electric, Pittsburgh, PA 2009 – 2016

Completed Quality Manager/Engineering assignments such as contract review, manufacturing support, auditing, and corrective action investigations with minimal support. Defined, specified, and implemented quality standards and procedures for manufacturing processes of boiler tubes and pressure vessels.

- Developed quality assurance procedures and standards to support the QC Program along with ASME/NBIC Codes.
- Verified specifications and designed pressure vessel CAD drawings based on customer/supplier requirements.
- Assured that product shipments meet internal and external customer requirements.
- Developed and implemented corrective actions including verification activities.

Sr. Engineer, Big Mechanical Company, Pittsburgh, PA 2005 – 2009

Managed the modernization and upgrade project of the Valve Repair Shop valve repair record system (Valv-Keep). Migrated archived safety reports from the legacy HP system to the Windows based software. Ensured data quality of safety valve repair records by reviewing, auditing, and editing the records on large and small scales.

- Developed and produced database training materials
- Trained shop personnel on database usage and acceptable data formatting when inputting new safety records
- Generated CAD drawings using SolidEdge 2D for shop work and National Board Certification
- Generated digital photographs of valve repairs to accompany repair records electronically
- Evaluated control valves for repair/replacement using ASME Codes

Sr. Engineer, Southern Nuclear, Plant Vogtle, Waynesboro, GA 1990 - 2004

As part of the MODS-Group, managed engineering projects from concept through design to implementation and completion. This included mechanical, electrical, and I&C design modification projects. Participated in design review meetings to determine scope, method, and implementation of design changes. Other responsibilities included:

- Coordinated with offsite contractors and service providers for work performed
- Generated field change requests to quickly revise a design change in support of installation
- Communicated with plant departments at all levels
- Revised plant documents and drawings after implementing the design change package
- Wrote and revised departmental procedures

Education

Bachelors in Mechanical Engineering, Georgia Tech, Atlanta, GA

1990

Professional Affiliations

Professional Engineering License, PA

American Society of Mechanical Engineers

Georgia Board of Land Surveyors and Professional Engineers