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***Mechanical Engineer – Owner, Holston Engineering***

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***PROFESSIONAL HIGHLIGHTS***

Mechanical / Piping engineering supervisor managing 20 to 30 designers / engineers - 18 yrs.

Private Consulting Engineer - 22 yrs. (part time/second job)

2010-2011 Engineering manager on 50M TIC schedule critical project that exceeded client expectations

Long term use of ASME codes as related to pressure vessels and piping.

1996 -1997 Successfully managed 25% of a 150M TIC installation of a chemical manufacturing plant.

1994-1995 Served as mechanical lead on 50M TIC upgrade for a nylon manufacturing facility.

PE obtained 1994 with current active professional engineering licenses in 9 states

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***PROFESSIONAL EXPERIENCE***

**Holston Engineering Inc. Johnson City, TN**

10/2017 - Current

**Owner – Mechanical Engineer**

As owner my main goal is to provide our customers with quality engineering products in a timely cost-effective manner. Our focus is the commercial market providing traditional mechanical, electrical and plumbing design services.

My technical responsibilities include but are not limited to the following:

- HVAC design, specifications and code verification.
- Plumbing design, specifications, and code verification.
- Mechanical equipment specifications.
- Roof drainage calculations.
- Fire protection design intent drawings.
- Building systems integration.
- Responsibility for all mechanical designs produced by Holston Engineering

My ownership responsibilities include but are not limited to the following:

- Profit and loss responsibility for all projects.
- Management of company funds.
- Management of company benefits.
- Day to day interface with all employees.
- All employment decisions.
- Business development.
- Facilities management for office space.
- Management of IT resources.

## **Holston Engineering Inc. Johnson City, TN**

1/1996 -9/2017

### **Staff Mechanical Engineer**

As the only mechanical engineer at Holston Engineering I was responsible of all of the mechanical designs produced by Holston Engineering.

My technical responsibilities include but are not limited to the following:

- HVAC design, specifications and code verification.
- Plumbing design, specifications, and code verification.
- Mechanical equipment specifications.
- Roof drainage calculations.
- Fire protection design intent drawings.
- Building systems integration.

## **Day & Zimmerman, Kingsport TN**

2002 – 9/2017

### **Mechanical Engineering supervisor – Project Engineer**

My main responsibility is to manage a group of 20 to 30 engineers and designers that work multiple projects simultaneously over 4 different disciplines.

My technical responsibilities include but are not limited to the following:

- Implemented in-house Laser Scanning program for Eastman / D&Z with a cost savings of over 1.4 million dollars.
- Evaluated and implemented new 3D design software.
- All piping engineering and design completed by the Kingsport office.
- All 3D modeling efforts and reviews completed by the Kingsport office.
- All Mechanical specifications, engineering, design, and drafting completed by the Kingsport office.
- All Fire Protection design and drafting completed by the Kingsport office.
- All HVAC specifications, engineering, design and drafting by the Kingsport office.

**2002-2010** Kingsport site safety coordinator with nearly 2 million job-hours worked without an OSHA recordable.

**2010-2011** Engineering Manager for Day & Zimmermann on project 4063 with Eastman Chemical Co as our client. **The Day & Zimmerman project team exceeded our client's expectations in reasonable cost, schedule, and quality of work.**

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**2002-2012** In addition to my supervisor responsibilities I managed numerous small capital projects and I understand estimating, cost control, scheduling, client relations, performance measurement, and the many aspects of management required to complete a successful project.

**Bechtel, Kingsport TN**

1994-2002

**Mechanical Engineering supervisor**

Mechanical Engineering supervisor 1999 – 2002 responsible for supervising 20 to 30 engineers and designers. My technical responsibilities include but are not limited to the following:

- All Mechanical specifications, engineering, design, and drafting completed by the Kingsport office.
- All Fire Protection design and drafting completed by the Kingsport office.
- All HVAC specifications, engineering, design and drafting by the Kingsport office.

**Mechanical Engineer**

Mechanical Engineer 1994-1999 Duties included writing specifications for process equipment, equipment design, vessel design, process systems design, materials handling expert, vendor inspections, and many other activities related to mechanical engineering. Duties also included scheduling, estimating, and planning of all types of mechanical engineering activities as related to project execution in the Chemical Processing Industry.

**United Engineers and Constructors, Kingsport TN**

1990 - 1994

**Mechanical Engineer**

I was responsible for equipment specifications, vessel design, materials handling, and design of various pieces of material handling equipment. I also worked with project controls to determine estimates and schedules.

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***EDUCATION***

Tennessee Technological University, Cookeville, TN 1988

**Bachelor of Science, Mechanical Engineering**

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