

## IMMEDIATE EMPLOYMENT OPPORTUNITY

### Project Engineer



#### **Nationwide Boiler Delivers:**

- Competitive Salaries & Incentives
- Attractive Benefits Package
- Safe & Comfortable Working Conditions
- Opportunities for Advancement
- Challenging Work Assignments

#### **Benefit Highlights:**

- Paid Family Medical & Dental
- 401K/ Profit Sharing Plan
- 9 Paid Holidays a Year
- Paid Sick Leave
- Employee Life Insurance

#### **Corporate Quick Facts:**

- Founded in 1967, Privately Owned
- Products Include Boiler Rentals/Sales, SCR Systems, Economizers, Feedwater Systems & PLC Controls
- Over 60% of Sales are from Repeat Customers
- 25,000 sq. ft. Fabrication Facility

#### **Nationwide Boiler Inc.**

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\* Benefits are subject to change without notice.

Nationwide Boiler Inc. has an immediate employment opportunity for a qualified Project Engineer who will be responsible for engineering, design, and component selection for in-house and field boiler and steam plant projects. This person shall support the Sales, Service, and Shop departments in providing quality on-time service to our customers. This position is located in Fremont, CA.

#### **Major Duties & Responsibilities**

- Responsible for engineering and design of boiler systems including piping systems, combustion controls, flame safeguard systems, and drum level controls, FGR systems, flues and ducts, feedwater systems and SCR systems with an emphasis on mobile and transportable applications.
- Design and engineering calculations for the selection of equipment to be supplied as part of mechanical, electrical, and control systems, procurement of material handling systems; selection of equipment to control noise, air and water pollution. Prepares P & I D diagrams, flow sheets, and heat balances for power, heating, and chemical recovery systems. Prepares specifications for purchase or materials and equipment. Evaluate bids and prepare requisitions for ordering of equipment & materials.
- Design calculations for mass flow, thermodynamic, and heat transfer for all types of fluids and gases in piping, duct systems and heat traps. Perform boiler combustion and emission calculations.
- Meets with customer and/or engineers to determine scope of the work (where required), reviews layouts, and design problems, schedules and contract requirements.
- Reviews drawings and data submitted by customers, vendors, and in house drafting department.
- Continually reviews designs in an effort to reduce cost and improve profit (value engineering).
- Meets with field construction supervisors and field service personnel to provide technical assistance and design backup.
- Prepares specifications and recommends purchase of engineered components.
- Schedule and manage projects to ensure timely delivery of components, installation, fabrication, and engineering designs.

#### **General Knowledge & Skills**

Requires a minimum of 5 years experience as a Field Engineer or Mechanical Engineer. Experience should be at level that includes contact with customer and sales representatives.

#### **Preferred Requirements**

B.S. in Mechanical, Chemical, or Electrical Engineering. Some post graduate studies in job related field. Working knowledge of thermodynamics, heat transfer, chemistry, controls, metallurgy, and engineering materials is essential. Engineering professional license is desirable.

**Salary Range: \$70K - \$110K per year**

*Note: There are three distinct aspects of this position. The first of being a design engineer, the second of being a project engineer and the third as having the full responsibility of Contract Administrator.*