



■ UTILITY SAFETY & DESIGN, INC. ■

## MECHANICAL DESIGNER

### JOB SUMMARY & ESSENTIAL FUNCTIONS

USDI is seeking a **MECHANICAL DESIGNER** to join our **Belleville, IL** team. The Design Engineer, under direction from the Design Team, performs project-based engineering, coordinates and performs detailed aspects of the engineering work, and interacts with other engineers, clients, and officials for project tasks. Engineers at USDI typically have field responsibilities including site visits, surveys, and inspections. Field responsibilities include some travel as well as the ability to maneuver field job site conditions.

Specific Job Duties include:

- Develop CAD maps and designs, including pipeline alignment sheets, station details (pressure regulation, metering, compression, valving, and pig launcher/receiver facilities), bills of materials, piping and instrumentation diagrams, etc
- Set up files, sheets, title blocks, notes, and general details as part of the overall drawing package
- Prepare detailed CAD drawings in accordance with company standards, procedures, and specifications
- Communicate with other Engineers, Project Managers, and Field Personnel to determine drawing requirements, obtain technical advice, report project status, and establish priorities
- Maintain compliance records and documentation
- Interface with clients on a regular basis
- Understand, review, and comply with state and federal pipeline safety regulations
- Other duties as assigned

### PREFERRED QUALIFICATIONS

- 1-3 years of AutoCAD (Civil 3D preferred) experience; Advanced understanding of Civil 3D/ AutoCAD products ++
- Construction Management, Natural Gas, or Utility experience
- Computer experience, especially with various applications including ShareFile, SharePoint, and ESRI
- Experience with utility locating, GPS, and/or GIS systems and mapping, piping, and mechanical design software
- Experience with manuals, documenting standards, material specifications, and BOMs

UNIONVILLE, MO  
28847 US HWY 136  
Unionville, MO 63565  
(660) 947-3316

OLNEY, ILLINOIS  
1927 Miller Drive  
Olney, IL 62450  
(618) 392-5502

BELLEVILLE, IL  
9 Executive Woods Ct.  
Belleville, IL 62226  
(618) 277-1520

PITTSBORO, IN  
7421 N. Co Rd. 225 E.  
Pittsboro, IN 46167  
(317) 417-3374

SHELBYVILLE, KY  
1018 Mt. Vernon Dr.  
Shelbyville, KY 40065  
(502) 513-5127

WICHITA, KS  
9540 W. Harry St.  
Wichita, KS 67209  
(316) 305-6464

PRINCETON, MN  
31481 125 ½ ST NW  
Princeton, MN 55371  
(660) 474-0789

## **MINIMUM QUALIFICATIONS**

- A 4-year engineering or engineering technical degree from an accredited university or college
- Ability to work independently and be self-motivated
- Possess good written and verbal communication skills
- Ability to pass initial and continuous federally required Operator Qualification evaluations
- Ability to effectively operate various company-supplied equipment
- Willingness to travel, including overnight stays
- Ability to maintain a positive work atmosphere through effective interactions and communications with co-workers, management, and clients.
- Ability to maintain a safe environment for co-workers, clients, and the public through adherence to established safety standards and timely reporting of potential hazards
- Possess a valid driver's license and a good driving record
- Ability to pass a background and driving check, employment history, and drug screening

## **ABOUT USDI**

Utility Safety and Design, Inc. (USDI – [www.usdi.us](http://www.usdi.us)) provides professional engineering and design, consultation, construction, and operational services for owners and operators of natural gas facilities, including transmission operators, municipalities, master meter operators, and local distribution companies. Whatever your natural gas needs, USDI is your full-service partner. Since 1969 we've served more than 500 pipeline, master meter, municipal, and utility systems across the Midwest – some with a single service (such as leak surveys, cathodic protection surveys, regulator station inspections, and plan development and implementation), others as professional engineers, and still others as the operator of record. USDI provides full-spectrum natural gas solutions through 1) up-front consultation, 2) strategic engineering and design, 3) affordable construction services, and 4) total operational support.

## **BENEFITS**

USDI offers an excellent benefit package and compensation that will be commensurate with the level of experience, skills, and ability possessed by the candidate. USDI benefits include the following:

- Medical Insurance
- Dental Insurance
- Vision Insurance
- Life Insurance
- Short- and Long-Term Disability Coverage
- 401(k) Retirement Savings Plan
- Paid Time Off (PTO)

**USDI OFFICE LOCATION**

Belleville, IL

**SUBMIT RESUME TO**

Anthony Everette, P.E.

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