Westfield Steel - Welding Engineer

https://www.linkedin.com/jobs/view/3758968155

Position Overview
The purpose of this position is to monitor, audit, inspect and plan the quality of products and services in accordance with corporate quality procedures. This position also assists the Manager of Quality in auditing Quality Processes and Procedures.

Essential Job Duties and Responsibilities
- Works to supply products and services that meet or exceed the customers’ expectations. Follows the documented quality systems and processes that are continually being improved to satisfy our customers’ needs.
- Perform structural steel welding inspection in accordance with AWS standards.
- Perform visual inspection of non-destructive testing performed by others.
- Develop and define process control requirements and measurement systems; creates and improves control plans.
- Identify sources of variation that result in defects and customer complaints, using variation reduction tools such as 6 Sigma.
- Work collaboratively with cross functional team on product development using APQP Core Tools, with the goal to identify and prevent defects prior to production.
- Understand, support, and provide appropriate activities and training related to the Production Part Approval Process (PPAP).
- Develop sampling plans, quality standards, and process control instructions for use by manufacturing in monitoring and reducing variation.
- Produce reports regarding nonconformance of products or processes, daily production quality, root cause analyses, RMA’s, complaints, and/or quality trends.
- Determine root cause and corrective action for quality or process issues.
- Contribute to the company’s continuous quality improvement and cost reduction programs.
- May assist Manager or other managers in other duties or special products as needed.

Critical Skills, Knowledge, and Abilities
- Quality Control Analysis: Conducting tests and inspections of products, services, or processes to evaluate quality or performance.
- Analyzing Data or Information: Identifying the underlying principles, reasons, or facts of information by breaking down information or data into separate parts.
- Making Decisions and Solving Problems: Analyzing information and evaluating results to choose the best solution and solve problems. Use of problem-solving tools such as 8D, DMAIC, A3, or others.
- Production and Processing: Knowledge of raw materials, production processes, quality control, costs, and other techniques for maximizing the effective manufacture and distribution of goods.
- Evaluating Information to Determine Compliance with Standards: Using relevant information and individual judgment to determine whether events or processes comply with laws, regulations, or standards.
- Communicating with Supervisors, Peers, or Subordinates: Providing information to supervisors, co-workers and subordinates by telephone, in written form, e-mail, or in person.
- Identifying Objects, Actions, and Events: Identifying information by categorizing, estimating, recognizing differences or similarities, and detecting changes in circumstances or events.
Westfield Steel - Welding Engineer

- **Monitor Processes, Materials, or Surroundings:** Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems.
- **Systems Evaluation:** Identifying measures or indicators of system performance and the actions needed to improve or correct performance, relative to the goals of the system.
- **Organizing, Planning, and Prioritizing Work:** Developing specific goals and plans to prioritize, organize, and accomplish your work.
- **Safety and Security:** Knowledge of relevant equipment, policies, procedures, and strategies to promote effective safety for the protection of people and property.
- **Interacting with Computers:** Using computers and computer systems to set up functions, enter data, process information, develop forms, present informational reports, etc.
- **Tools:** Computers, office equipment, personal protective equipment (hardhat, safety glasses, etc.), measuring devices such as tape measure, micrometer, calibration, Faro arm, etc.
- **Technology:** Electronic mail software, Microsoft Office software, ERP software, database user interface and query software.

**Qualifications**
- Experience with CQI-15 Welding System
- Experience with AIAG standards
- Experience with automotive tool and standards such as APQP, FMEA, SPC, MSA, and PPAP
- Good verbal and written communication skills.
- Excellent attention to detail.
- Experience with measuring devices (CMM, micrometers, calipers, height gauge, tape measures).

**Preferences**
- Certified Weld Inspector (CWI) and/or Certified Welding Supervisor (CWS).
- Working understanding of other quality systems and quality standards, such as TS, Lean, etc.
- Prior experience with metals or manufacturing.
- Previous experience with Microsoft Dynamics NAV or similar ERP (enterprise resource planning).

**Supervisory Responsibilities**
- This position has no supervisory responsibilities.

**Working Environment and Conditions**
- **Physical Demands:** The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. While performing the duties of this job, the employee is regularly required to be in a stationary position and move about the buildings. The employee is frequently required to reach with hands and arms and be able to communicate verbally and in writing and take direction. The employee is frequently operating a computer and other office productivity machinery, such as a calculator, copy machine and computer printer. The employee is sometimes required to lift and/or move up to 25 pounds.
- **Work Environment:** The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with
disabilities to perform the essential functions. While performing the duties of this job, the employee is regularly exposed to moving mechanical parts and is occasionally exposed to outside weather conditions. The noise level in the work environment is usually moderate. Position may be required to work overtime, nights, and weekends to conduct inspections, training, and investigations. Some travel is required to the other company facility location, customers, and/or vendor sites.

This would be a full-time, salaried position, reporting to the Manager of Quality and Engineering. It would be based out of Springfield, with the employee devoting most of their time to the facility there, but traveling occasionally to our Indiana locations as well. The company offers benefits, PTO, and 401k with matching.

Zoe Browne
Talent Acquisition Specialist
317.896.5587 office
317.804.4358 direct

Westfield Steel, Inc.
530 State Road 32 West
Westfield, IN 46074
www.westfieldsteel.com