



Collins & Jewell Company

INDUSTRIAL INSTALLERS / CUSTOM FABRICATORS

A Proud Connecticut Corporation For More Than 60 Years

5 Rachel Drive
Bozrah, CT 06334
Ph. 860-887-8813
Fax 860-886-5359
www.collins-jewell.com

Job Title: Pipe Welder
Department: Local Crew
Reports To: Project Manager
FLSA Status: Non-exempt

Company Profile and Mission:

Collins & Jewell Co., Inc is an Industrial Installation and Custom Steel Fabrication company which provides the Manufacturing and Processing Industries with the latest mechanical services. Our professionally trained staff can cover the complete spectrum of Industrial Installation and Custom Fabrication manufacturing projects ranging from mechanical, electrical, and project management needs for any scale project large or small. This is done through our high caliber responsive team of experienced professionals who employ integrity, honesty, and ingenuity. Our commitment is to deliver the highest quality, the latest technology, and unmatched flexibility which will enable us to exceed our customers' expectations.

Our mission is to pride ourselves in our ability to meet the needs of our growing list of customers and welcome the opportunity to face special challenges head-on while maintaining a strict standard of cost-effectiveness and timeliness.

Summary of Position:

Pipe welders are welding professionals who employ various techniques to permanently join metal pipes together. Their job description entails laying, fitting, and bonding pipes such as those found in plumbing, gas and other industrial applications.

Job Requirements include but not limited to the following. Other duties may be assigned per the direction of the Shop Foreman and/or Production Manager.

Essential Duties and Responsibilities:

- Assemble and install metal pipes and pipe fittings for stainless and carbon steel projects
- Use clamps, brackets, and hangers to secure pipes to structures
- Remove slags and rough spots from workpieces by operating grinders or scrapers to ensure smooth work surface
- Employ their knowledge of metallurgy to determine materials and equipment most suitable for a welding project
- Clean and prepare workpieces using chemical solutions etc. to remove foreign matter such as grease, rust etc.
- Use heating furnaces to preheat metal pipes prior to welding or bending
- Cut and shape metal components to set specifications using power saws, chipping knives or other hand tools
- Fill holes, cracks, and dents on metal workpieces or pipe products
- Use micrometers, calipers and other precision measuring instruments to check gap allowances, grooves or angles
- Assemble metal and non-metal pipes and pipe fitting using threading machine
- Study schematics, diagrams, and blueprints to determine the layout of pipes
- Measure and fabricate pipe routings to match existing in-line piping systems
- Control and turn valves or regulators to adjust flames and ensure proper use of welding gas
- Wear appropriate protective gear and ensure compliance with established health/safety regulations
- Troubleshoot a piping system and conduct diagnosis to identify and fix pipe problems.



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Pipe Welder Qualifications / Skills:

- Always attentive to detail and alert to ensure safety
- Ability to receive and follow instructions and communicate with co-workers
- Ability to read labels, safety warnings, and guidelines

Education, Experience, and Licensing Requirements:

- Minimum 1 year experience in mechanical systems
- Extensive knowledge of codes
- Experience piping with cooling towers, chillers, boilers, large roof top equipment

Qualifications:

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Education and/or Experience:

High school diploma or general education degree (GED), and/or 1 year experience.

Specialized Knowledge and Skills:

- **Language Skills:** Ability to read and interpret documents such as blueprints, safety rules, operating and maintenance instructions, and procedure manuals. Ability to write routine reports and correspondence. Ability to communicate effectively with supervisor and other employees of organization.
- **Mathematical Skills:** Ability to calculate figures and amounts such as proportions, percentages, area, circumference, and volume. Ability to apply concepts of basic algebra and geometry. All applications necessary to adequately perform required tasks.
- **Reasoning Ability:** Ability to apply common sense understanding to carry out instructions furnished in written, oral, or diagram form. Ability to deal with problems involving several concrete variables in standardized situations.

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. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing this job, the employee is constantly required to stand; use hands to finger, handle, or feel; reach with hands and arms; and talk or hear. The employee frequently is required to walk and stoop, kneel, crouch, or crawl. The employee is occasionally required to climb or balance.

The employee must occasionally lift and/or move up to 50 pounds. The employee must occasionally push and/or pull a maximum force of 200 lbs. Specific vision abilities required by this job include close vision, distance vision, peripheral vision, depth perception, and ability to adjust focus. Close mental and visual applications required to interpret drawing, layout and plan work. Good judgment in determining best method and procedure to be followed. Able to work on jobs while applying safety rules at all times.



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Quality Characteristics:

The individual for this position must be an energetic person who interacts well with a diverse staff and client base. This person will be highly motivated, proactive, and able to work independently. The candidate for this position will feel comfortable taking the initiative in system development, problem solving, internal and external office communications as well as be flexible and accommodating in adapting to shifting priorities. A professional work ethic, positive attitude, and the openness to new challenges will be a required attribute for this position. This person will demonstrate their ability regarding, attention to detail, organization, and a creative problem solver. The candidate for this position will maintain composure and enjoy working in an evolving environment proving ambitions of self-improvement and the willingness to cross train in responsibilities of other departments.

Evaluation Criteria:

- Adherence to Company Policy
- Safety
- Flexibility
- Attitude, Conduct, Representation & Interpersonal Relationships
- Organization
- Productivity & Quality
- Dependability & Independence
- Creativity & Initiative
- Knowledge of Job
- Proper use of Tools & Equipment

Benefits:

- Medical Benefits (To include; Vision, Dental, Short Term Disability)
- Retirement Plan (401K)
- Paid Vacations
- Paid Holidays
- Employee Uniforms

Collins & Jewell is an Equal Opportunity Employer