



WELDER/FABRICATOR

DIVISION:	Aluminum	JOB CODE:	7030
LOCATION:	Cortland	JOB FUNCTION:	Manufacturing & Production
DEPARTMENT:	Steel Fab/Welding	FLSA STATUS:	Nonexempt
REPORTS TO:	Production Supervisor	EFFECTIVE DATE:	1/22/25

JOB SUMMARY

Perform safe and efficient project builds and sub-assemblies for the purpose of meeting fabrication demands and completion of work orders to build products of optimal quality with on-time delivery.

QUALIFICATIONS

Education/Experience

High School Diploma or General Education Development (GED) / Test Assessing Secondary Completion (TASC), plus three (3) years experience as a welder/fabricator, or completion of AWS Welding certification; or equivalent combination of education and experiences.

Advanced knowledge of SMAW (stick), GMAW (MIG), GTAW (TIG) welding processes, preferred.

Knowledge/Skills/Abilities

Welding Skills. Ability to perform Metal Inert Gas (MIG), Tungsten Inert Gas (TIG), Gas Tungsten Arc Welding (GTAW), Shielded Metal Arc Welding (SMAW) and acetylene welding. Ability to perform stick, arc, and flux core (FCW) welding. Ability to properly setup and prioritize functions related to welding assignments. Ability to weld various types of metals.

Technical Skills and Knowledge. Advanced blueprint/part drawing reading comprehension skills. Ability to extract and comprehend information from complex drawings and use the data to construct fabrications. Advanced understanding of spatial reasoning orientation in two-dimensional and three-dimensional spaces, cause and effect, heat conduction, velocity, gravity and force. Knowledge of machines and tools, including their uses, repair, and maintenance. Apply accurate mathematical and arithmetic calculations of whole numbers, decimals and fractions including conversions, addition, subtraction, multiplying, dividing and an understanding of geometric shapes and angles. Ability to obtain and maintain industrial vehicle (e.g. forklift) certification(s).

Core People Skills. Ability to positively interact and work collaboratively with a diverse group of people at all levels of the organization. Genuine with high ethical standards and values and personal integrity and honesty. Ability to apply a large measure of common sense to a variety of situations.

Communication Skills. Ability to speak clearly and persuasively in positive or negative situations, listen and obtain clarification, and respond well to questions. Ability to read a limited number of words and recognize similarities and differences between words and between series of numbers. Ability to read and understand documents such as policy manuals, safety rules, operating and maintenance instructions, and procedure manuals.

Computer/Applications Skills. Ability to clock into and out of jobs via computer terminals.

Core Business Skills. Ability to exercise sound judgement and discretion in handling of proprietary and confidential information. Ability to work independently, without significant direction and to use resources effectively to "figure it out". Strong critical thinking skills, judgment and keen attention to detail and accuracy. Exceptional prioritization, time management and organizational skills. Ability to define problems, collect objective data, establish facts and draw valid conclusion. Ability to learn, understand and apply technical products to various industrial manufacturing processes.

Professional Investment. Demonstrated commitment to own personal professional development and learning.



ESSENTIAL FUNCTIONS/RESPONSIBILITIES

1. Safely and efficiently receive and transport incoming steel by loading and unloading materials onto or from trucks, pallets, trays, racks, and shelves. Use material handling equipment such as cranes, pallet jacks, forklifts and dollies to bring raw materials, equipment and products to the appropriate location. Store items in a safe and efficient manner.
2. Accurately read and interpret work order information, and precisely follow written or verbal instruction to determine service operations to be performed. Pick parts and kit materials, and transport goods to workstations or designated areas, as directed.
3. Expeditiously form and produce a variety of metal components and sub-assemblies by accurately interpreting engineering drawings and using appropriate metalworking equipment.
4. Efficiently set-up and safely operate fabricating equipment such as horizontal steel band saw, iron worker/metal muncher, drill press, plasma burning table with computerized control panel, sheer, and press brake to produce components.
5. Perform quality fabrication including setup, layout, and fit up based on accurate interpretation of engineering drawings, work orders, bills of material, standard operating practices, inspection documents and process control plans.
6. Determine appropriate fabrication equipment or method(s) based on requirements from blueprints and sketches.
7. Fit up and tack welding of cut materials according to standard shop practices in order to meet specified tolerances of finished weldment.
8. Consistently review completed welds and projects to ensure all completed work falls within the tolerances on the blueprints. Cut, burn, drill & tap, grind, etc. as needed to meet final specifications for part tolerance, aesthetics and general quality expectations.
9. Final GMAW, GTAW, FCW or SMAW Welding in accordance with engineering drawings, tolerances and specifications, and welding procedures resulting in weldments that meet specifications for squareness, dimensional tolerance, warpage, etc.
10. Safely rig and move materials and equipment using fork trucks and overhead crane in accordance with company procedures.
11. Continuously maintain a safe, clean and organized work area, and properly dispose of scrap.
12. Promote positive team member and customer relations by supporting Pyrotek's commitment to a working environment of tolerance, acceptance and civility. Respond appropriately to inquiries, concerns and complaints by being professional, courteous and respectful at all times.
13. Maintain regular, consistent, reliable, punctual and predictable attendance, as required to achieve internal and external customer satisfaction.
14. Actively and positively participate in problem resolution, demonstrating constructive communication, timely response and effective resolution skills. Work effectively within team environments both within your department and across the organization.
15. Cooperate and comply fully with all Pyrotek policies and procedures. Actively support and follow the Pyrotek Safety Program.
16. Actively support compliance with all relevant ISO management system standards by establishing, implementing, maintaining, and controlling processes and planned changes to identify and manage environmental aspects, impacts, risks, opportunities, and compliance to achieve continuous improvement and prevent adverse effects and emergencies.



- 17. Participate in company/department meetings, training activities, continuing education programs and other associated activities.
- 18. Consistently promote and communicate Pyrotek’s core values through work performance and excellent customer service.
- 19. Perform other tasks as assigned.

PHYSICAL/SENSORY REQUIREMENTS

The following physical activities described here are representative of those required by a team member to perform the essential functions of this position. Reasonable accommodation, if feasible, will be made to enable individuals with disabilities to perform the functions of position.

Must be able to stand for long periods of time. Stand and walk on concrete floors, use hands, reach, talk, hear bend, kneel, stoop, crouch, crawl, and climb. Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, depth perception and ability to adjust focus. The team member must occasionally lift and/or move items up to 100 pounds, and frequently lift and/or move 50 pounds.

WORKING ENVIRONMENT

While performing the duties of this job, the team member is frequently exposed to fumes or airborne particles, moving mechanical parts such as overhead cranes, vibration and moving vehicles. The noise level in the work environment and job sites can be loud. Hard working surfaces for standing and walking. Personal Protective Equipment such as safety footwear, goggles, gloves, respirators, etc., required.

Team Member’s Signature

Date

Manager’s Signature

Date