



CHEMICAL TREAT OPERATOR

DIVISION:	Pumps	JOB CODE:	7031
LOCATION:	Aurora	JOB FUNCTION:	Manufacturing & Production
DEPARTMENT:	Graphite Treatment	FLSA STATUS:	Nonexempt
REPORTS TO:	Production Supervisor	EFFECTIVE DATE:	06/05/2025

JOB SUMMARY

Based on production schedules, identify, move and prepare raw materials using vertical and horizontal band saws. Set up the chemical treatment vessel and ovens for materials by loading, unloading, and operating the chemical treatment equipment, ensuring shop floor production demands are met.

QUALIFICATIONS

Education/Experience

High School Diploma or GED equivalency, preferred.

Experience using saws and working in a manufacturing environment, a plus.

Knowledge/Skills/Abilities

Technical Skills. Ability to read, understand and interpret blueprints, drawings and sketches. Ability to learn about and apply technical products to various industrial manufacturing processes. Ability to use and interpret dimensional measuring tools (tape measure) or equipment. Strong mechanical aptitude. Proficient math skills, and ability to perform simple calculations involving fractions and decimals. Ability to identify and implement improvements. Ability to use hoists, hand and machine operated tools, and other instruments with manual precision and dexterity. Ability to obtain and maintain industrial equipment certification(s) (e.g., forklift, tow motor, etc.).

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, values, 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.

Computer/Applications Skills. Proficient use of oven software. Ability to operate bar code scanners. Familiarity and ability to learn an Enterprise Resource Program (ERP) system.

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 work under pressure and excel in a fast-paced, self-directed entrepreneurial environment. Ability to take ownership for completing new and different requests and exploring solutions that add value to the organization.

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



ESSENTIAL FUNCTIONS/RESPONSIBILITIES

1. Accurately read and follow production schedules by reviewing work orders, blueprints, engineering plans, material specifications, and locations.
2. Properly set up and operate vertical and horizontal band saw equipment to produce high quality parts within acceptable time and quality standards. Perform routing operations through repetition.
3. Correctly document and communicate actions taken, including:
 - a) Work orders processed and materials used.
 - b) Irregularities in materials.
 - c) Operational obstacles that prohibit maximum capacity.
4. Safely and efficiently handle raw material by:
 - a) Loading and lifting stock into position manually or with hoist.
 - b) Verifying setting by measuring positions.
 - c) Identifying proper treatment sequence based on work orders for each job.
 - d) Unpacking and inspecting internal and customer supplied products prior to and after treatment.
5. Regularly monitor chemical treat equipment and regulate accordingly, adjusting valves and controls to maintain system temperature, pressure and vacuum levels.
6. Observe and record chemical reactions by monitoring gauges and signals, and make specified adjustments, as needed.
7. Perform regular chemical tests on products to ensure conformance with specifications using standard test equipment, materials and procedures.
8. Strictly adhere to Quality Control procedures, including:
 - a) Clearly labeling all materials.
 - b) Inspecting first-run parts and sample work pieces to ensure accordance with prints, schematics, machining SOPs (standard operating procedures), and international standards.
 - c) Accurately completing maintenance logs.
 - d) NOX sampling.
9. Maintain safe and continuous equipment operability, by:
 - a) Properly operating equipment according to manufacturer instructions.
 - b) Promptly completing all preventive maintenance requirements outlined by the product manual and maintenance logs.
 - c) Assisting Engineers and maintenance personnel with troubleshooting malfunctions.
 - d) Replacing worn tools and parts.
 - e) Promptly reporting issues and malfunctions to supervision and maintenance.
10. Perform complicated machine operations under the guidance of a supervision.
11. 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.
12. Maintain regular, consistent, reliable, punctual and predictable attendance, as required to achieve internal and external customer satisfaction.



13. 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.
14. Cooperate and comply fully with all Pyrotek policies and procedures. Actively support and follow the Pyrotek Safety Program.
15. 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.
16. Participate in company/department meetings, training activities, continuing education programs and other associated activities.
17. Consistently promote and communicate Pyrotek's core values through work performance and excellent customer service.
18. 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, bend, reach, walk, and use hands and fingers to handle or feel. Ability to lift up to 75 pounds occasionally and up to 25 pounds frequently. Must be able to communicate effectively in English by telephone, in person and in writing. Effectively use a personal computer. Specific vision abilities required by this job include close vision, color vision, peripheral vision, depth perception, and ability to adjust focus.

WORKING ENVIRONMENT

Work in a manufacturing environment with frequent exposure to loud noises, hard surfaces for standing and walking, moving mechanical parts, light to moderate amounts of airborne graphite dust, and presence of natural and artificial light. Personal Protection Equipment (PPE) such as safety glasses/goggles and footwear, required.

Team Member's Signature

Date