



## Designer

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<b>DEPARTMENT:</b>	Manufacturing	<b>REPORTS TO:</b>	Engineering/Quality Manager
<b>DIV/LOCATION:</b>	Carlisle	<b>FLSA STATUS:</b>	Nonexempt
<b>JOB CODE:</b>	3004	<b>EFFECTIVE DATE:</b>	5/13/24

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### JOB SUMMARY

Utilize computer-aided design software to create accurate designs and schematics used to manufacture Pyrotek® products. Collaborate with Engineering and Manufacturing Teams and perform quality inspections to validate product specification requirements are met.

### QUALIFICATIONS

#### Education/Experience

Associate degree in computer-aided drafting and design or related field, plus a minimum of two (2) years of experience in a manufacturing environment; or equivalent combination of education and experience.

#### Knowledge/Skills/Abilities

**Technical Skills.** Ability to calculate figures and amounts such as discounts, interest, commissions, proportions, percentages, area, circumference, and volume. Ability to apply concepts of basic algebra and geometry. Ability to comprehend and organize workflows and business processes. Ability to create complex manufacturing drawings. Working knowledge of machining and ISO 9001 – Quality Management System. Ability to learn about and apply technical products to various industrial manufacturing processes.

**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.

**Communications Skills.** Ability to read and comprehend basic instructions, short notes, and memos. Ability to write basic notes and memos. Ability to read and interpret information such as safety rules, operating and maintenance instructions, and procedure manuals. Ability to discuss job related information in one-on-one and small group situations to other employees of the organization.

**Computer/Application Skills.** Proficiency with MS Office products and SolidWorks, to include ability to use Surfacing, Sheet Metal Design and Weldments, along with other advanced tools within Solidworks. Ability to use SolidWorks along with AutoCAD and learn document vaulting with the associated workflows.

**Core Business Skills.** Ability to exercise sound judgement and discretion in the 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, judgement and keen attention to detail and accuracy. Exceptional prioritization, time management, and organization skills. Ability to write routine reports and correspondences. Ability to work cross-functionally within and outside of the organization.

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

**Travel.** Ability to travel domestically by land or air up to 10%.



## **ESSENTIAL FUNCTIONS/RESPONSIBILITIES**

1. Collaborate with Engineering Department to gather product specifications and structural requirements, and design calculating dimensions, weight limitations and material requirements.
2. Regularly confer with Engineering Department to evaluate and confirm measuring equipment is accurate, identify and communicate potential technical issues, if applicable, and promptly implement corrective actions.
3. Reference blueprints and drawings and follow direction on set up sheets so that parts are manufactured to customer requirements.
4. Thoroughly inspect tooling equipment to determine operability and effectiveness, and work with facility leadership to adjust and/or replace tooling equipment to ensure production specification requirements are met.
5. Perform daily quality inspections for first and last parts on run to confirm product specifications are met.
6. Visually inspect completed work for defects (e.g., chipped edges and marred surfaces) and sort defective pieces according to flaw type.
7. Precisely measure completed work to verify conformance to specifications, using micrometers, depth gauges, digital calipers, templates, scales, or rulers.
8. Promote positive employee 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 always.
9. Maintain regular, consistent, reliable, punctual, and predictable attendance, as required to achieve internal and external customer satisfaction.
10. 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.
11. Cooperate and comply fully with all Pyrotek policies and procedures. Actively support and follow the Pyrotek Safety Program.
12. Participate in company/department meetings, training activities, continuing education programs and other associated activities.
13. Consistently promote and communicate Pyrotek's core values through work performance and excellent customer service.
14. 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 sit for long periods-of-time, bend, and reach, use stairs, lift up to 50 pounds occasionally and communicate effectively in English by telephone, in person and in writing. Effectively use a personal computer, office equipment and telephone.

## WORKING ENVIRONMENT

While performing the essential responsibilities of this position, team member generally will work in an office environment with occasional work in the manufacturing environment where Personal Protective Equipment (PPE) is required and noise, heat, fumes, and other hazardous environmental elements exist.

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Team Member's Signature

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Date

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Manager's Signature

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Date