

Position Title	Process Engineer
Category	Engineering
Job#	2017007
Company	CPS Process Solutions
Location	Andover, MA
Date Posted	08/01/2018
Type	Full time

Critical Process Systems Group (CPS) is a group of manufacturing and design companies providing innovative product solutions to the semiconductor, life science, chemical processing, gas systems, wastewater, mining, power generation and other industries. We provide a broad range of products & services including liquid, chemical, and gas storage, blending, and delivery control, pre-fabricated high purity process utility modules, corrosive fume exhaust duct, and airflow control devices. With the breadth of our product offerings and engineering capabilities we can offer broad turnkey solutions or targeted niche products depending on our customer's needs and desires.

This position is with our company **CPS Process Solutions**, which provides process engineering, project management, staff augmentation services and turnkey process equipment to the Life Science industry. We work collaboratively with our clients to meet their diverse critical product exploration, discovery, scale-up and high volume manufacturing needs.

SUMMARY: Participate in engineering design teams in Life Science arena for provider of Process Engineering and Staff Augmentation services: Become a key member of our Process Engineering Team that provides world class engineering services to our clients in the Pharmaceutical and Biotech (Life Science) industries.

RESPONSIBILITIES:

- Participate in project teams to design, review, and improve Life Science processing facilities with emphasis in upstream/downstream processing, purification, fill-finish and core base utilities supporting: Clean Steam (CS), Water for Injection (WFI), Clean In Place (CIP/COP), Purified Water (USP PW/RO-DI), Process Gases, etc.
- Perform process simulation and studies including sizing and specification of process equipment.
- Perform specification and design, installation, start-up and commissioning.
- Prepare project plans for equipment/facility improvements including schedules, budgetary estimates and capital spending requests. Develop/modify SOP's, specifications, drawings, equipment manuals, commission and qualification documents and maintenance procedures.
- Analysis of systems, equipment, utilities to support trouble-shooting, system diagnosis, and problem resolution of equipment and facilities.
- Participate in sales with lead generation, presentations and proposals and successfully interface with clients, project managers, and engineering professionals.
- Assist with proposal and quote development as needed by sales & marketing team.
- Participate with CPS companies to develop new products and improve current product offerings.
- Keep abreast of life science industry trends and technologies. Attend ISPE, other trainings, networking events and tradeshow as requested by CPS sales & marketing.

SKILLS:

- Comfortable with all phases of the Client Design Continuum and familiar with ISPE Good Practice Guide and related Baseline Guides or industry standards for system design, distribution, and testing of processes systems.

- Working knowledge of process flow diagrams, piping & instrument diagrams, mass & heat balances, basic piping system design, pump sizing, material handling methods, equipment, functional & installation specifications, as well as process instrumentation & control principles. A practical understanding of sanitary design and construction methods is preferred.
- Strong analytical skills, project management and strong Microsoft Office, Project, & AutoCAD skills.

EDUCATION: Bachelor's Degree in Chemical Engineering, preferred 3+ years of Pharmaceutical or Biotech related process engineering experience and solid knowledge of cGMP requirements, aseptic processing (including systems and equipment) and FDA regulations.

BENEFITS:

Critical Process System Group offers competitive compensation and a complete benefits package that includes medical (individual and family premiums shared between employer and employee), dental and vision coverage, HSA, Day Care reimbursement, matching 401(k), life insurance, disability, holiday and paid time off.

If you are looking for a future with a company known for its inventiveness and passion for progress, look no further..... **your career is right here!**

Note: CPS and its group companies do not discriminate on the basis of race, age, religious creed, national origin, sex, marital status, veteran status and disability status, with regard to public assistance or any other protected classes.