CONTINUUS Pharmaceuticals Job Posting

COMPANY

CONTINUUS Pharmaceuticals, Inc.

LOCATION

25-R Olympia Avenue
Woburn, MA
(20 minutes north of Boston)

EMPLOYMENT TYPE

Full Time - U.S.-based

START DATE

Q3 2021

ABOUT CONTINUUS

CONTINUUS Pharmaceuticals is a spin-out company from the Novartis-MIT Center for Continuous Manufacturing. We design and develop innovative continuous manufacturing processes for pharmaceutical clients, providing an exceptional "one-stop solution" for the entire drug development and manufacturing cycle.

Rather than producing medicines through traditional batch processes, CONTINUUS offers a breakthrough Integrated Continuous Manufacturing (ICM) technology for small molecule drugs. The synthesis of the active pharmaceutical ingredient and final dosage form are integrated into a seamless and completely automated process. This novel method will allow "on-demand" manufacturing of pharmaceuticals with significant advantages in production lead time, quality, and cost.

Our pipeline is rapidly growing, with exciting projects with pharmaceutical and generic companies, as well as contracts with the US Government. Concurrently, we are transitioning to a commercial phase, where we will leverage our novel ICM platform to produce low-cost, high-quality drugs for patients worldwide. Essential to our evolution will be talented new team members who will contribute greatly to this mission. We look forward to meeting you.

http://continuuspharma.com

CONTACT US @

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Pharmaceutical Equipment Engineer

Job Description

CONTINUUS is looking to hire a full-time Process Mechanical Engineer, who will work as part of a dynamic team in the design, development, and implementation of novel pharmaceutical equipment modules and machinery (e.g., filtration, drying, extrusion-molding) used to process APIs and drug products. The candidate will be placed based on relevant experience and knowledge.

Overview

Manage the process mechanical engineering needs within the Engineering Group.

- **Plan projects and coordinate** with the engineering team members on certain initiatives related to skid and machinery design.
- Plan, conceptualize, and create **mechanical designs** for new equipment and machinery throughout a full system lifecycle (concept through operations).
- Perform engineering calculations to support design work.
- Create and review **technical drawings, plans**, and **specifications.**
- Collaborate with multi-disciplinary engineering teams, vendors, and contractors (e.g., vendor search/selection, RFP generation, bid evaluation, etc.).
- Generate detailed documentation to track **project developmen**t and the design process.

Required Qualifications

- 8-12 years of professional experience as an engineer in a highly regulated industry **designing, procuring, installing, and commissioning** process equipment (e.g., vessels, heat exchangers, agitators, pumps, filters, dryers, extrusion, molding, solids addition, sampling, piping, valves, controls, etc.).
- Working knowledge of hygienic equipment/piping system design (**ASME BPE standard, clean-in-place, steam-in-place**).
- Experience with defining materials of construction, mechanical seal systems, materials joining standards (e.g., welding), **designing for manufacturability**, fabrication methods, **pressure vessel design**, etc.
- Experience with the testing of mechanical systems; ability to plan experiments to evaluate component/machinery design, performance, and reliability.
- Excellent understanding of fundamental engineering principles and the engineering life cycle related to **process design** through implementation (e.g., **installation, validation, change control,** and **process improvement**).
- Experience in creating design documents, drafting user requirement specifications, technically evaluating bids, reviewing vendor equipment drawings/documentation packages, participating in FAT's and SAT's, etc.
- Experience with developing and/or executing Commissioning, Equipment Qualification, and Performance Qualification documents. Experience with reading and developing P&IDs and other process documentation.

Preferred Qualifications

- Bachelor's degree or higher in Mechanical Engineering.
- 3-5 years of **project management** experience is a plus.
- Experience with equipment automation and associated hardware and software tools **(motor controllers, data acquisition systems, PLCs, etc.).**
- Knowledge of **CAD software (SolidWorks preferred)**.
- Relevant codes and standards (such as **ASME boiler and pressure vessel code**, **ASME BPE**, ANSI, ASTM, FDA cGMP, OSHA, relevant portions of NEC/NFPA as applicable, etc.)
- Strong interpersonal and leadership skills.

- Familiarity with pharmaceutical manufacturing processes and principles Is a plus.
- Hands-on experience with process equipment and instrumentation.
- Experience with TPM (Total Productive Maintenance) and OEE (Overall Equipment Effectiveness)

We are an Equal Opportunity Employer - all qualified applicants will receive consideration without regard to race; color; religion; sexual orientation or transgender status; gender identity or expression; pregnancy or related medical conditions; workplace hazards to reproductive systems; national origin and ancestry; age; veteran status; current physical or mental disability or history of; intellectual or learning disability; genetic information; homelessness status; sexual harassment; marital or civil union status; lawful activity outside of the workplace such as tobacco use; or any other characteristic protected by law.