



## **Mechanical Engineer**

**Location:** Rockville, MD [100% on-site]

On Demand Pharmaceuticals (ODP) is changing the way we make and distribute medicines—by providing them to everyone, everywhere, every time. ODP is creating innovative manufacturing platforms to enable our vision to produce critical medicines at the point of care and to secure the pharmaceuticals supply chain. As a young organization, ODP offers an exciting opportunity for passionate scientists and engineers to make a difference in the world while developing career paths for advancement. ODP is seeking a Mechanical Engineer to support the development of our next generation medicine manufacturing platforms.

### **Responsibilities:**

- Develop, construct procure, change control and maintain of the complex parts and equipment associated with the next-generation medicine production platform.
- Implement automation and equipment control, as well as verification of operational parameters.
- Assist with appropriate documentation.
- Provide general mechanical and/or electrical engineering across multiple projects as assigned.
- Develop and/or maintaining engineering diagrams for all the equipment and control systems.
- Work with ODP's chemists to advance manufacturing capabilities to increase functionality.
- Maintain ODP's leading edge by creating new technical platforms and capabilities.
- Deliver results in a high paced environment.

### **Minimum Hiring Standards:**

- B.S. in mechanical, electrical engineering or a related field.
- Electrical and or mechanical design, implantation and performance verification.
- Direct experience with the development of custom, automated, manufacturing or process equipment.
- Experience with SolidWorks for the design and prototyping of compact systems.
- Ability to operate with comfort in a machine shop.
- Strong understanding of fluid dynamics and plumbing fluidic and gas systems, heat transfer and temperature control, and machine design of compact systems.
- Ability to work collaboratively with multi-disciplinary cross-functional research teams.
- Strong written/oral skills required, and ability to communicate technical concepts to a non-technical audience.
- Energy and passion to thrive in a start-up environment and to deliver on the mission of On Demand Pharmaceuticals.

### **Preferred Hiring Standards:**

- Individuals with > 5 years of experience and training.
- Automation control software development.
- Experience with process monitoring and controls.
- Experience with compact OEM pumps, valves, sensors, and mechanical actuators.
- Experience selecting appropriate polymers and other materials for use with solvents and acids.
- Candidates with experience in continuous processing of chemicals, materials, or pharmaceuticals.
- Experience with industrial manufacturing technologies and processes (e.g. CNC machining, water jetting, 3-D printing).
- Experience with a variety of other engineering programs including AutoCAD, Matlab, PDM Works.

[Please click here to submit an application for this position.](#)



**On Demand Pharmaceuticals is an equal opportunity employer.** On Demand Pharmaceuticals does not discriminate in employment with regard to race, color, religion, national origin, citizenship status, ancestry, age, sex (including pregnancy, gender identity, or related medical conditions), sexual orientation, marital status, physical or mental disability, past or present military service or any other characteristic protected by law.