



JOB DESCRIPTION

Position: Applications Process Engineer
Department: Applications and Development
Reports To: Lead Applications Engineer
Status: Full-time salaried employee

POSITION SUMMARY:

The Applications Process Engineer reports to the Lead Applications Engineer and is responsible for developing coating processes for Biocoat's Hydak technology on customer's devices. The Applications Process Engineer will work directly with the Applications and Development team and customers to develop coating formulations, design coating processes, and optimize coating parameters to achieve required performance on customer products using engineering skills.

ESSENTIAL DUTIES AND RESPONSIBILITIES:

Include, but are not limited to:

- Designs processes for coating medical devices with Biocoat's Hydak technology based on consumers' device and performance criteria while working collaboratively with the customers and internal teams.
- Designs new coating formulations for a variety of applications in the medical device market.
- Applies coatings to medical devices using current or developed coating processes and tests the coatings' performance.
- Responsible for creating novel testing methods in accordance with new applications.
- Support integration of new processes and equipment through start-up, qualification (IQ/OQ/PQ) and validation (PV) activities.
- Documentation and technical report writing in support of project activities and deliverables.
- Collaborates with other teams such as the Coating Services Business Unit (CSBU), R&D, QA/RA, Production, etc. to understand applications and documentation requirements.
- Suggest and implement internal process improvements
- Serves as the core or extended team engineer on new consumer projects
- Provides ongoing coating support including troubleshooting and nonconformance investigation
- Works collaboratively with Applications and Development teams to meet deliverables and maintain a safe and functional working environment

QUALIFICATIONS & REQUIREMENTS:

- Bachelor of Science in Chemical Engineering, Biomedical Engineering, Mechanical Engineering or other related engineering field.
- Minimum 1-3 years of industrial experience, preferably with medical devices and/or process development.
- Demonstrated hands-on experience designing and executing experiments.



- Proven experience in manufacturing process and technology improvements
- Good verbal and written communication
- Ability to work well in a fast-paced environment
- Strong personal skills to build relationships and work cross-functionally both within the organization as well as with external customers.
- Ensures all interactions are consistent with company values and treats others with dignity and respect.

Physical Requirements

Physical Demands-Stooping, turning, bending, squatting, kneeling and the ability to lift up to 30 pounds; constant/sitting for up to 8 hours while using a computer; requires normal, correctable vision and hearing, and the ability to accurately discern color as necessary to perform job functions.

Disclaimer

This job description is not intended to be construed as an exhaustive list of responsibilities, duties, or skills required for the position. This position may be changed or assume additional duties at any time. The employee may be requested to perform different or additional duties as assigned.