

## **Job Description: Process Technician (Coverings & Coatings)**

### **ROLE AND PERSON**

Reporting to the Programme Manager (Coverings and Coatings), the successful candidate shall support the Research & Development/Design Services area of Aran Biomedical working on the design and development of innovative vascular-devices-based new-product concepts - using both Biostable and Biodegradable polymer-based materials. This is an excellent development opportunity for a highly motivated, enthusiastic and fast-learning individual to be involved in the early stage research and development of implantable medical device constructs using technologies such as Stent Encapsulation, Laser-Finishing & Scalloping, Dispersion & Dip-Coating and relates testing and characterisation methodologies.

This permanent position affords the opportunity for exposure to products spanning the Stent-Graft/Covered-Stent, Covered-Braided-Stent, Occlusion Devices, Structural Heart and Medical Barrier-Layers & Markings sectors/indications.

The successful candidate will have 3-5 years' experience in a similar role ideally within a medical device environment - preferably within a Mechanical, Electrical, Electronic or Moulding discipline. Excellent attention to detail, good technical capabilities, strong communication and influencing skills, teamwork abilities and high-initiative are all key requirements. Previous experience with polymer-based biomaterials (Biostable and/or degradable) plus experience with stent, catheters/angioplasty-based products is desirable.

### **PRINCIPLE RESPONSIBILITIES/DUTIES**

- Perform all duties assigned by the Programme Manager and supported by the Project Engineer for the area
- Assist in the design and development, prototype manufacturing and testing of new vascular-based devices as dictated by our Design-Services customer needs and as dictated by internal Proxy Biomedical R&D Projects.
- Take a leading role in coordinating the production of all prototyping work orders as directed by the Vascular Program Manager
- Provide direction as needed to the assigned Product Builder for the area and demonstrate initiative in providing input to the Engineering department members in solving the processing challenges of these new products.
- Demonstrate initiative in always working on new devices with the plan of large scale/production manufacturing in mind. Highlight any potential issue/concerns to larger volume manufacturing and display a passion for continuous improvement and lean-manufacturing approaches.
- Complete and comply with all documentation as required in the Design & Control process (training to be provided).

- Carry out operations as required in the Prototyping & Testing/Inspection, R&D Lab and Warehouse areas (as required) including processing, pack-ing, and labelling as needed.
- Adhere to all Good Manufacturing Practice requirements as associated with a Class8 Clean Environment
- Take full ownership for traceability and control of all R&D materials within the cleanroom
- Ensure that all duties are carried out in a safe manner.
- Adhere to all General Process Specifications (GPS Procedures) as per your highlighted Training Plan
- Draft and review Manufacturing Process Specifications and other documentation as appropriate.
- Assist in and become involved in cost saving ideas.
- Perform line clearances as required when processing R&D work within the cleanroom
- Perform computer applications and other related duties as required.