



## **ENGINEER – Injection Molding**

**To work in a cleanroom environment for medical device manufacturer located in Sandy, Utah.**

Apollo Medical Extrusion Technologies is the premier developer and manufacturer of catheter technologies. Apollo's Utah facility specializes in large scale catheter manufacturing, Micro-bore Extrusion, Coextrusion, and multi-lumen tubing of complex geometries and tight tolerances. Our Oceanside, California Catheter Development and Production groups consistently meet the tight dimensional tolerances, and performance specifications required by medical device manufacturers. We are knowledgeable and experienced in a broad spectrum of catheter applications including cardiovascular, neuromuscular, diabetes management, and structural heart.

Apollo provides customers with custom catheters including braid reinforced, coil reinforced, multi-lumen, and multi-durometer designs, with the capability of adding deflectable tips, pad printing, and custom tip geometries. Apollo supports clients from their early design stages, providing quick turn-around times for speedy prototyping, design refinement and Pilot Production, and scale up into manufacturing.

**SUMMARY:** Attributes required for this position include ability to follow instructions, meet schedules and priorities, have excellent attention to detail, initiative, work well within a team, and have the ability to produce consistently high-quality results. For entry level, we will train employees with good mechanical aptitude and work ethic.

The expectations of the molding engineer are as follows:

- Installing and uninstalling molds
- Process development
- Knowledge of various plastics
- Mold design and review
- Debugging new molds
- Familiar with Scientific Molding
- Writing validation protocols and reports (IQ, OQ and PQ)
- Executing process validations
- Troubleshooting processes
- Metrology
- Perform process development activities in the processes listed above.
- Support R&D and production processes to ensure that jobs are started, performed and finished accurately and efficiently.
- Meet quality standards and specifications for all R&D and production builds.
- Design, assemble, setup, debug, installation of process, assembly fixtures and equipment.
- Communicate effectively with operators, technicians, engineering and management so that all findings or issues are documented and resolved.
- Create, or update documents to reflect new, or current practices
- Setup and changeover of production equipment per manufacturing instructions.
- Train production personnel the operation and changeover process and advise on possible improvements to the process to increase productivity and quality.

- Maintain a clean and safe work environment by identifying safety hazards and recommending and/or implementing corrective actions when necessary.
- Be a role model on the production floor and make sure that others around you are performing their jobs safely and correctly.

#### Required Skills and Experience

- Injection Molding Experience
- Mechanical aptitude w/strong troubleshooting skills in machinery and processes
- Competent in reading drawings
- ISO 13485
- Microsoft Office
- Intermediate math skills
- Self-motivated
- Strong interpersonal skills
- Executing DOE's
- Executing validations
- Catheter design and prototyping
- Solid modeling
- Bachelor's degree in an engineering discipline