Process Engineer - Intern

ABOUT IMPACT NANO
Impact Nano, LLC is a manufacturer of specialty chemicals and advanced materials for high technology industry sectors, including semiconductors, batteries, and pharmaceutical intermediates. Our manufacturing facility in Orange, MA has demonstrated capabilities and expertise in the following areas:

- Synthesis and purification of air-sensitive chemicals,
- Scale-up from bench to pilot to full-scale manufacturing, and
- Custom/toll manufacturing services from gram to multi-ton quantities.

IMPACT NANO VALUES
Our values are what we stand for and believe in, they act as our guiding principles and set the standard for how our company interacts with our partners, customers, and the world.

- Respect for one another, our community, and the environment
- Integrity in our decisions
- Innovation in our approach; and
- Excellence in our actions

Every employee of Impact Nano must accept OUR values and incorporate them into all that we do.

POSITION SUMMARY
A Process Engineer - Intern is responsible to develop processes and to support a team in manufacturing a variety of chemical intermediates and finished products. A Process Engineer - Intern is a key member of our process development and manufacturing teams and will be assigned a variety of duties related to safe and efficient business operations.

SUCCESS CRITERIA
A successful candidate for an Impact Nano Process Engineer - Intern will have demonstrated expertise in chemical processes, while also being a dynamic and creative contributor in developing new processes and solving problems. The winning candidate will be enthusiastic about learning and growth, while maintaining the highest standards of professional conduct, facility safety, and product quality.

KEY RESPONSIBILITIES
- Learn and follow all safety policies and procedures
- Support chemical manufacturing operations as a technical contributors to technicians
- Program control systems with emphasis on personnel and facility safety
- Support analytical systems team in sample collection, measurement, and product qualification
- Define and execute performance tests and process validation
- Participate in all safety aspects of chemical manufacturing
- Participate in and comply with all Quality Systems requirements
- Perform other miscellaneous duties as assigned.

REQUIRED QUALIFICATIONS:

- **Minimum Education Required:** Progress towards Bachelor’s degree in Chemical Engineering, or equivalent.
- **Minimum Experience required:** Prior work experience is preferred. Experience in a manufacturing environment, chemical process design and development, and/or chemical analytical systems is a significant plus.
- **Physical Requirements:**
  - Properly use and maintain PPE and follow PPE policies and rules.
  - Must be able to access chemical manufacturing equipment, including frequent use of ladders and stairs.
  - Must be able to sustain extended periods of standing and sitting, as well as frequent kneeling, bending, and crouching.

SKILLS, KNOWLEDGE, AND COMPETENCIES

- **Technical Skills:** Must have excellent computer literacy and must have demonstrated understanding in one or more of the following areas:
  - Chemical processes, chemistry, laboratory scale operations
  - Computerized control systems and automation
  - Chemical analysis equipment and manufacturing Quality Control
  - Manufacturing continuous improvement
  - Statistics and their application to manufacturing
  - Chemical process design and equipment specification

- **Teamwork:** Strives for win/win solutions; co-operates with co-workers to achieve goals; provides support and encouragement to co-workers; brings substantive conflicts and disagreements into the open and attempts to resolve them collaboratively.

- **Organizational Skills:** Must be able to coordinate tasks and resources (e.g. engineering/maintenance/operations) to complete job duties and project activities without negative impact to manufacturing.

- **Communication Skills:** Must be able to communicate clear written and verbal instructions to a team of chemical manufacturing personnel. You will be tasked with creating concise and accurate Standard Operator Procedures, that comply with company, regulatory, and customer requirements.

REPORTING LINE

*All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, age, disability or protected veteran status.*
Process Engineer, Operations Manager, Maintenance Manager, Engineering Manager