

Membrane Production Operator

About Applied Biomimetic (AB)

Applied Biomimetic Inc. (www.appliedbiomimetic.com)

Applied Biomimetic is an international biomimetic engineering group that builds upon a simple but powerful concept: Nature's ability to separate chemical elements at the molecular level using highly specialized proteins as tools such as the selective aquaporin water channel that brought the 2003 Nobel Prize in Chemistry to its discoverer.

AB has developed a concept where they maintain the superior water transport capabilities of the aquaporin water channel while embedding it into a robust polymer structure thus allowing the company to make membranes applicable for industrial purposes.

AB is focusing on the development of a wide range of applications for its patented technology. The aim is to provide disruptive solutions for the water treatment, health, food, and other industries enabling these industries to enhance their products, reduce costs, and save energy. The membranes are designed to withstand changing and sometimes harsh environment in various industrial applications.

In order to further strengthen our membrane team AB is looking to hire an operator experienced in manufacturing to help membrane production.

AB Inc. has more than 10 employees.

Reporting Structure

This position is a direct report line to Senior Scientist and company's Chief Scientific Officer (CSO)

Main tasks and responsibilities:

- Coordinate with production lead in proactive fashion
- Conduct handling and mixing of chemicals according to prescribed formulas and procedures
- Learn and fully understand proper manufacturing techniques needed to successfully produce AB products and be responsible for documenting and reporting daily production logs
- Operate within standard operating procedures (SOPs)
- Use a variety of hand & power tools, work instructions, and test equipment to perform a series of operations to correctly operate and maintain the equipment
- Set-up, operate, and clean membrane production equipment with attention to detail

- Report problems with product quality, processes, equipment and materials to management in a timely manner.
- Being accountable for project deliverables, and communicate status and other related information to management and project team members
- Participate in the general upkeep and maintenance of the equipment
- Take detailed organized notes describing any inconsistencies or instances out of the ordinary noticed while conduction day to day tasks
- Be responsible for maintaining inventory of the chemicals and supplies necessary for casting

The qualified candidate must have:

- High school diploma or equivalent
- Ability and willingness to safely work with chemicals, including organic solvents bases and acids
- Ability and willingness to work overtime
- Applicant should be energetic, self-starter with ability to work safely alone, or with others
- Strong attention to detail ensuring proper upkeep of the equipment used on the job

Physical requirement

- Frequent lifting of materials and membrane rolls up to 40pounds.
- Ability to frequently stand, walk, reach within hands and arms length, stoop, stretch and crouch.
- Ability to work in wet environment
- Able to wear safety glasses, hearing protector and safety toe work shoes

Preferred Skills and Experience:

- Demonstration of technical/mechanical aptitude through skills such as plumbing, welding, electrical, carpentry work.
- Membrane manufacturing experience
- General knowledge of Microsoft Office tools
- CAD experience
- Knowledge of and experience with installation of test product(s), pipe or tubing fitting, equipment installation (heat exchanger, pump, etc.), pressure check equipment.
- 1st aid, HAZMAT or any chemical safety related training.
- Experience with good manufacturing practices or 5s/kaizen training.
- Fork lift training/certification

In addition to a challenging and interesting work environment and the opportunity to work on ground-breaking technology we are offering an attractive compensation and benefit package incl. health, dental and 401k etc.

Please forward your resume to: resumes@appliedbiomimetic.com