

Michael O'Connor

Chemical / Manufacturing Operator - Air Liquide Medal

Eagleville, PA - Email me on Indeed: [indeed.com/r/Michael-O'Connor/9b338009f97894a2](https://www.indeed.com/r/Michael-O'Connor/9b338009f97894a2)

To obtain a challenging and rewarding position

WORK EXPERIENCE

Chemical / Manufacturing Operator

Air Liquide Medal - July 2013 to Present

Working as a chemical and manufacturing operator as for the Air Liquide Medal Chemical Company in Newport De. We manufacture membrane fibers. We use a process that separates industrial gases. This is called membrane separation. Membrane separation is the principle of selective permeation to separate various gases. This is done by forming polymer-based hollow fibers. The material allows littler molecules to move through them easier than bigger molecules. As a gas mixture passes through the fibers, the smaller molecules stay in. Samples are taken for quality control. Once approved. The fibers are packed into bundles. The finished product is used in many aircrafts like Airplanes (Boeings 737), and Helicopters. We also make our own raw materials. Using large reactors and mix tanks. Chemical liquids and powders are loaded into the reactors and mix tanks. Then the materials are heated and mixed. Once the reactions take place. The material is filled out, test for quality control. Then the materials are injected to make the thin hollow fibers. Then fibers are then run through a series of chemical coaters. Trained on fork trucks, and pallet jacks.

Contact: Nazlie Najjiyyah (The Franklin Company) for reference - (302) 661-4100

(Was Hired as a Temp To Hire Employee through The Franklin Company)

Cort Cameron (Air Liquide Medal) for reference - (443) 206-1397

Chemical Operator / Liquid and Powders Compounder

Ottens Flavors - Philadelphia, PA - January 2012 to July 2013

Worked as a Chemical Operator / Liquid and Powders Compounder for the Ottens Flavors Company in Philadelphia Pa. We made food flavorings in large reactors and mixing tanks. Once the material is loaded to the tanks. It is mixed, heated, and then tested for quality. Then the material is filled out into large trays. Then the trays are put into large ovens and cook for a few hours. Once the trays are finished. The material is solid and then is grinded into a powder. Then it is blended and filled out. Samples are taken again before the material is shipped.

Contact: Jeff Marceau for reference - (609) 947-4050

Reaction Field Operator First Class

E.I. DuPont De Nemours & Co. Inc - July 2009 to June 2011

Two years experience as a Reaction Field Operator at DuPont Edgemoor Plant. Fully capable of monitoring, inspecting, and troubleshooting a chemical reaction system. Periodic patrols of assigned equipment, regulate system pressures, temperatures, cooling water coverage, etc. The product Titanium Dioxide is what we produced. Hands on with large pumps, condensers, manual valves, etc in the field that have to be switched back and forth during the process. Control room operation where automatic valves are open and closed. When manual or automatic valves fail. Issue work orders, prepare job plans for area responsibility to maintain equipment and operating facilities. Fully trained aspects of proper Personal Protective Equipment (PPE) and Respirator fit testing. Trained on Pipeline trouble shooting and redirecting. Pipeline pigging to determine plug lines and to keep lines free. Heat trace laser equipment used for pipeline trouble shooting. Fork truck training

and license. Trained in the lock, tag, and try lock out procedure. Trained and part of the emergency response team.

Contact: Mark Schilling for reference - (302) 588-7855

Process Engineering Operator First Class

E.I. DuPont De Nemours & Co. Inc - April 2002 to July 2009

Seven years experience as a Process Engineering Operator and Warehouse Operator at DuPont Marshall Laboratory. Fully capable in all aspects of polymer manufacturing and laboratory testing. Operated multiple reactor systems in the high hazard Process Engineering semi-works. Keen focus on safety, health and environment with safe day to day operations. Experienced and trained warehouseman with license to operate multiple power lift equipment. Worked with engineers, chemists, technologists and group managers to implement the elements of Process Safety Management (PSM). Participated in numerous Process Hazards Analysis (PHA's) and monthly Safety Audits and found permanent solutions to these analysis and audit findings. Used LIMS system for sample ID, testing and tracking of test results. Another form of trouble shooting was using technical writing skills to upgrade Area Operating Procedures (AOP's) and Standard Operating Procedures (SOP's). These procedure upgrades improved safety and batch quality as well as simplified training using the revised AOP's & SOP's. Some examples of laboratory tests include solids testing, viscosity testing, titrations, pH determinations, turbidity, and many more test. Work Experience in the PE semi-works also include two years of dispersion technology experience, developing next generation tinted product lines (pigmented products). Performed many types quality control laboratory testing associated with raw materials, in process samples, and finished products involved with Dispersion technology following established test methods. Trained and part of the ergonomics team. Trained and part of the emergency response team.

Retain Chemical team member

The Franklin Company / E.I. DuPont De Nemours & Co. Inc - December 1999 to March 2002

Two years experience as a Retain Chemical team member as a contract employee at DuPont Experimental Station. Handled and stored over twenty two thousand different type of chemicals. Fork truck training and license.

contract employee

The Franklin Company / E.I. DuPont De Nemours & Co. Inc - July 1997 to December 1999

Three years experience as a chemical packaging team member as a contract employee at DuPont Stine Haskell site. In charge of packing and disposing of chemical waste on the site. Fully trained in the material safety data sheets (MSDS) and Occupational Safety and Health Act (OSHA) Hazardous Waste Operations and Emergency Response (Hazwoper) Training. Fork truck training and license.

EDUCATION

computer science

Delaware County Community College

ADDITIONAL INFORMATION

KEYWORD SUMMARY:

Trained in all elements of Process Safety Management. Reactor Safety Team participant. Participated in multiple Process Hazard Analysis reviews and Reactor Safety Audits. Respected area resource, responsible for training many operators new to the department. Computer skills include Lotus Notes, Excel, Word, PowerPoint. Fully trained in all aspects of Chemical handling and proper Personal Protective Equipment (PPE).

Fully trained and many years experience on fork trucks, pallet jacks, high reach pickers, and boom lifts. Trained and part of the emergency response and ergonomics teams.