

My name is Saul A. Lopez. I am a Process Engineer for Simbol Material.

I graduated from:

- Meadows Union Elementary School in 2003
- William Moreno Jr. High in 2004
- Calexico High School in 2007
- Imperial Valley College in 2010 with Honors on Pre-Engineering, Mathematics, and Physical Science A.S.
- San Jose State University in 2013 with a B.S. in Chemical Engineering

My work experience includes:

- MESA Tutor, 2008-2010
- Internship at Spreckels Sugar Company, 2012 summer
- AIChE Student Chapter President at SJSU, 2012-2013
- Project Engineer at USG, 2013
- Process Engineer at Simbol Materials, 2013-Present

I decided to pursue an engineering major, while working for the MESA program as a Tutor. I was good in math and chemistry, and I was thirsty of knowledge of how everyday items work. My curiosity increased during my early years of college, while I was taking a chemistry course where each lab was a chemistry puzzle in order to synthesize a product. There is more than one method to get from point A to point B; the interesting part of it is the process or pathway that needs to be followed.

As a chemical engineer, you are able to expand your horizons due to the wide job opportunities you are able to fulfill. The education will give you a comprehensive knowledge in chemicals, materials, processes, and unit operations. As a chemical engineer you will be able to work for pharmaceuticals, mineral extraction, food, petroleum, green energy, automobiles, energy-power, environmental, etc.

As a Process Engineer for Simbol Materials, I am in charge of the high purity plant, which is located in Brawley, California. My job description includes but is not limited to; process control, improvement, safety, reporting, analysis, documentation, and permitting. Simbol Materials is a high standard pioneer startup company that will be constructing its commercial plant in the next year. We will be providing the world's with the finest and purest Lithium Material for electric cars.

There are a wide number of green energy opportunities around the valley, while geothermal is currently the most common. The last few years, solar and windmill power have been growing around the valley. However, Simbol Materials is a pioneer in green energy with mineral extraction. This includes Lithium Carbonate for Lithium batteries. The electric car wave is just around the corner, and Simbol Materials will be supplying the world with high purity Lithium Material for your future high performance electric car.

Saul A. Lopez

Process Engineer

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