

Thomas E. Baroody

Biography

My name is Thomas E. (Tom) Baroody. I was born in Richmond, VA, and lived there through my elementary school days and one year of high school. Then I moved to Geneva, NY, where I graduated from high school, and where I played football, basketball, and baseball. After that I attended Rensselaer Polytechnic Institute, graduating in 1967 with a BCE degree. I played football and baseball for RPI during my time there. I then attended the University of Missouri-Columbia, getting an MSCE degree in 1969.

After college I started working as a staff engineer for AMAX Inc., which was a large mining company with diversified operations around the world. While at AMAX, I progressively worked my way up to a VP of their chemical division, having lived in New York City, Stamford, CT, and then Lakeland, FL., where I have resided since 1980. During my career, I have traveled to some 50 countries in the world mostly on business related to iron ore mining and processing, and later to phosphate and potash mining and processing.

After leaving AMAX in 1986, I started my own consulting business TEBCO Associates LLC, and K-Technologies, Inc. with a partner, both in 1987. As TEBCO, I have undertaken many technical, marketing, and economic studies for a number of private companies and several government agencies. At K-Tech, we got our start by providing a new technology (CIX) for a U.S. based company to build a potassium carbonate production facility, and later expand into a separate plant that produced technical grades of certain phosphate products.

After that, we expanded K-Tech's private shareholding to 15, and have worked with a number of companies around the world in providing our CIX/CIC technologies for use in various industries. These include the extraction, separation, and purification of materials such as uranium, rare earths, fluorides and silica, and certain deleterious elements from phosphoric acid. We can also do the same thing from leach solutions of various mineral ores, and from waste materials like phosphogypsum, acid mine drainage and sludges, and scrap. The company has also undertaken separations of organic materials like tocopherol/sterol mixtures leading to production of Vitamin E, as well as target proteins from plant-based feed stocks, leading to production of various meat and dairy products. We have been granted 8 U.S. patents with one more being issued in December.

During the 1996-2000 period I was a senior VP at Mulberry Corporation, a privately held company which owned and operated a phosphate mine and two phosphate chemical plants in Central Florida. I was in charge of successfully revitalizing one of their chemical plants and restarting and expanding their phosphate rock mine.

During the 2003-2006 period, I worked as COO for an entrepreneur who started a company to develop a large ammonia/UAN project that would be built in Trinidad.

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November 28, 2023